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Foreword

In 2021, the Kövesligethy Radó Seismological Observatory continued to operate the 15 permanent and 26 temporary broadband stations installed in the previous years. Additionally, 5 temporary stations were in operation for monitoring the local seismicity in two regions. During the year, one new station was installed as the part of the Integrated Geodynamic Station at Badacsonytördemic.

During the year, 1616 local events have been detected by the Network in the area confined by the latitudes 45.5-49.0°N and longitudes 16.0-23.0°E and 10 earthquakes were felt by the public in Hungary.

Chapter 1 of this publication presents the Hungarian National Seismological Network and the data processing procedure performed in the Kövesligethy Radó Seismological Observatory. The focal parameters of the detected local events are listed in Chapter 2. In Chapter 3, the macroseismic data of the felt earthquakes are shown. Chapter 4 reports the phase readings of the local events in ISF2 format.

1. The Hungarian National Seismological Network

Seismological stations and data collection

At the end of the year 2021, the Hungarian National Seismological Network (HNSN) operated by the Kövesligethy Radó Seismological Observatory (KRSO), Institute of Earth Physics and Space Science (EPSS) consisted of 15 permanent broadband stations and 26 broadband temporary stations. The 26 temporary stations were operated in the frame of the international AlpArray and PACASE (Pannonian-Carpathian-Alpine Seismic Experiment) projects, 15 of which are equipped and co-operated by the German Seismological Broadband Array (DSEBRA).

During the year, additionally 5 seismological stations were operated in two seismically active region in Hungary: 3 short period instruments in the Mór Graben and two broadband instruments in Heves county. One new station was installed at Badacsonytördemic as part of the Integrated Geodynamic Station.

Tables 1.1, 1.2 and 1.3 contain the parameters of the permanent and temporary HNSN stations, respectively. Their location is shown in Fig. 1.1.

The data coming from these stations have been collected, stored and processed in the Observatory using the SeisComP3 software package (<http://www.seiscomp3.org>). Besides the HNSN stations, the Observatory collects and processes the data of several stations of the following seismological networks:

- Austrian Seismological Network (OE) – <http://www.zamg.ac.at>
stations: ARSA, CONA, OBKA
- Croatian Seismological Network (CR) – <http://www.gfz.hr/eng/seizmologija/>
stations: PTJ, ZAG
- Czech Seismological Network (CZ) – <https://www.ig.cas.cz/en/seismic-service>
stations: CKRC, JAVC, KRUC, MORC, PRU, TREC, VRAC
- GEOFON (GE) – <http://geofon.gfz-potsdam.de>
stations: STU, TIRR, VSU
- MEDNET (MN) – <http://mednet.rm.ingv.it>
stations: AQU, BLY, DIVS, TIR, TRI, VTS
- Polish Seismological Network (PL) – <http://www.igf.edu.pl/plsn-en.php>
stations: KWP, NIE, OJC
- Romanian Seismological Network (RO) – <http://www.infp.ro/>
stations: ARCR, BANR, BISRR, BMR, BURAR, BZS, CJR, CRAR, DEV, DRGR, GZR, IAS, LOT, MLR, SIRR, VRI
- Serbian Seismological Network (SJ) – <http://www.seismo.gov.rs/>
stations: BBLs, BEO, DJES, FRGS
- Slovak Seismological Network (SK) – <http://www.seismology.sk/>
stations: CRVS, IZAB, KECS, KOLS, LANS, MASL, MODS, PODL, SMOL, SRO, STHS, VYHS, ZST
- Slovenian Seismological Network (SL) – <http://www.arso.gov.si/en/Seismology/>
stations: CRES, KOGS
- Carpathian Seismological Network of Ukraine (UA) – <http://seism.lviv.ua/>
stations: BRIU, CHRU, HOLU, HORU, KORU, KSV, MEZ, MORS, MUKU, NDNU, NSLU, RAKU, SHIU, STNU, STZU, TRSU, UZH

Table 1.1: Parameters of the permanent stations of the Hungarian National Seismological Network in 2021

| Station | Lat. (°N) | Lon. (°E) | Height (m) | Sensor ^a | Acquisition ^b | Org. ^c | Period ^d |
|-----------------------|-----------|-----------|------------|---------------------|----------------------------|-------------------|---------------------|
| ABAH Abaújkér | 48.2961 | 21.2397 | 195 | STS-2.5 | DM24S3 | EPSS | 01.01-12.31 |
| AMBH Ambrózfalva | 46.3501 | 20.7258 | 88 | CMG-3T | Radian | EPSS | 01.01-12.31 |
| BEHE Becsehely | 46.4706 | 16.7757 | 289 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| BSZH Besenyszög | 47.2996 | 20.2670 | 82 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| BUD Budapest | 47.4831 | 19.0201 | 195 | STS-2 | PS-6-24 and SeisComP PC | EPSS | 01.01-12.31 |
| CSKK Csókakő | 48.3631 | 18.2605 | 319 | CMG-3T | DM24SE | EPSS | 01.01-12.31 |
| EGYH Egyházaskesző | 47.4163 | 17.3319 | 129 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| KOVH Kővágótöttös | 46.0883 | 18.0999 | 270 | STS-2.5 | PS-6-24 and SeisComP PC | EPSS | 01.01-12.31 |
| LTVH Létavértes | 47.3849 | 21.9007 | 121 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| MORH Mórággy | 46.2149 | 18.6435 | 135 | STS-2 | DM24S3 | EPSS | 01.01-12.31 |
| MPLH Magyarpolány | 47.1712 | 17.5348 | 337 | STS-2.5 | PS-6-24 and SeisComP PC | EPSS | 01.01-12.31 |
| PSZ Piszkéstető | 47.9181 | 19.8933 | 940 | STS-2 | PS-6-24 and SeisComP PC | GEOFON EPSS | 01.01-12.31 |
| SOP Sopron | 47.6807 | 16.5567 | 260 | STS-2 | PS-6-24 and SeisComP PC | EPSS | 01.01-12.31 |
| TIH Tihany | 46.9001 | 17.8878 | 189 | CMG-3T | DM24S3 | MBFSZ EPSS | 01.01-12.31 |
| TRPA Tarpa | 48.1304 | 22.5391 | 113 | STS-2 | DM24S3 | EPSS | 01.01-12.31 |

^a Sensors:

CMG-3T – Guralp CMG-3T broadband seismometer

STS-2 and STS-2.5 – Streckeisen broadband seismometers

^b Data acquisition units (the recording is digital and continuous at all stations):

DM24S3 – Guralp CMG-DM24S3EAM data acquisition system

PS-6-24 – Earth Data 24-bit digitizer

Radian – Guralp Radian seismometer/digitizer surface unit

CMG-3ESP – Guralp CMG-3SP seismometer/digitizer

SeisComP PC – PrioComP computer equipped with SeisComP software

^c Operating organization:

GEOFON – GEOFON Global Seismic Network, GFZ, Germany

EPSS – Institute of Earth Physics and Space Science, Hungary

MBFSZ – Mining and Geological Survey of Hungary

^d Availability period in 2021

Table 1.2: Parameters of the temporary stations of the Hungarian National Seismological Network in 2021

| Station | Lat. (°N) | Lon. (°E) | Height (m) | Sensor ^a | Acquisition ^b | Org. ^c | Period ^d |
|-----------------------|-----------|-----------|------------|---------------------|--------------------------|-------------------|---------------------|
| HU01A Pánd | 47.3447 | 19.6203 | 151 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| HU02A Szentlélek | 48.1222 | 20.525 | 760 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| HU03A Ecseg | 47.9039 | 19.5997 | 175 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| HU04A Ágasegyháza | 46.8123 | 19.4784 | 116 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| HU05A Hortobágy | 47.5514 | 21.1376 | 91 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| HU06A Eperjes | 46.7123 | 20.5675 | 79 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| HU07A Apagy | 47.9811 | 21.9143 | 118 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| HU08A Réde | 47.6386 | 18.3824 | 195 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| HU09A Baj | 47.4313 | 17.9238 | 201 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| HU10A Szokolya | 47.8452 | 19.0186 | 152 | CMG-3T | DM24S3 | EPSS | 01.01-12.31 |
| HU21A Pusztamérges | 46.3329 | 19.729 | 163 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| HU22A Érsekhalma | 46.3278 | 19.1311 | 135 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| HU23A Bernáthegy | 47.6389 | 20.2496 | 158 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| HU24A Bélmegyer | 46.9099 | 21.159 | 120 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| JOS Jósvafő | 48.4955 | 20.5374 | 288 | STS-2 | EDR | EPSS | 01.01-12.31 |

^a Sensors:

CMG-3T – Guralp CMG-3T broadband seismometer; Horizon120 – Nanometrics Trillium Horizon 120 broadband seismometer; STS-2 – Streckeisen broadband seismometer;

^b Data acquisition units (at all stations the recording is digital and continuous):

DM24S3 – Guralp CMG-DM24S3EAM data acquisition system; EDR – Earth Data 24-bit digitizer; Centaur – Nanometrics Centaur 24-bit digitiser

^c Operating organization:

DSEBRA – German Seismological Broadband Array

EPSS – Institute of Earth Physics and Space Science, Hungary

^d Availability period in 2021

Table 1.3: Parameters of the temporary stations of the Hungarian National Seismological Network in 2021

| Station | Lat. (°N) | Lon. (°E) | Height (m) | Sensor ^a | Acquisition ^b | Org. ^c | Period ^d |
|---------------------------|--------------|--------------|---------------|---------------------|--------------------------|-------------------|----------------------------|
| A260A Vassurány | 47.2834 | 16.7056 | 243 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| A261A Óhíd | 46.9520 | 17.1486 | 171 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| A262A Szaknyér | 46.8642 | 16.5276 | 240 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| A263A Hollád | 46.6408 | 17.3149 | 165 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| A264A Tarany | 46.1597 | 17.2897 | 143 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| A265A Kaposfüred | 46.4245 | 17.7954 | 151 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| A266A Gyulaj | 46.5256 | 18.2647 | 219 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| A267A Káloz | 46.9463 | 18.4820 | 116 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| A271A Ivácsa | 47.1547 | 18.8341 | 165 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| A272A Bölcske | 46.7444 | 18.9654 | 170 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| A273A Marócsa | 45.9163 | 17.8161 | 100 | Horizon120 | Centaur | DSEBRA EPSS | 01.01-12.31 |
| ET1H Gyöngyösoroszi | 47.8791 | 19.8713 | 400 | CMG-3T | DM24S3 | RMKI EPSS | 01.01-12.31 |
| ATAN3 Átány | 47.6116 | 20.3561 | 92 | Horizon120 | Centaur | EPSS | 01.01-12.31 |
| TENKA Tenk | 47.6543 | 20.348 | 100 | Horizon120 | Centaur | EPSS | 01.01-12.31 |
| MSW1 Pusztavám | 47.3929 | 18.259 | 141 | LE-3D | DM24S3 | EPSS | 01.01-12.31 |
| MSW2 Fehérvárcsurgó | 47.3023 | 18.2109 | 286 | LE-3D CMG-3ESP | DM24S3 CMG-3ESP | EPSS | 01.01-05.05 05.05-12.31 |
| MSW3 Tímárpusztá | 47.3831 | 18.1261 | 199 | LE-3D | DM24S3 | EPSS | 01.01-12.31 |
| BADH Badacsonytördemic | 46.8053 | 17.4726 | 158 | Horizon120 | Centaur | EPSS | 08.05-12.31 |

^a Sensors:

CMG-3T – Guralp CMG-3T broadband seismometer

CMG-3ESP – Guralp CMG-3SP seismometer/digitizer

Horizon120 – Nanometrics Trillium Horizon 120 broadband seismometer LE-3D – Lennartz 5s short period seismometer;

^b Data acquisition units (at all stations the recording is digital and continuous):

DM24S3 – Guralp CMG-DM24S3EAM data acquisition system

CMG-3ESP – Guralp CMG-3SP seismometer/digitizer

Centaur – Nanometrics Centaur 24-bit digitiser

^c Operating organization:

DSEBRA – German Seismological Broadband Array

EPSS – Institute of Earth Physics and Space Science, Hungary

RMKI – Wigner Research Centre for Physics, Institute of Particle and Nuclear Physics, Hungary

^d Availability period in 2021

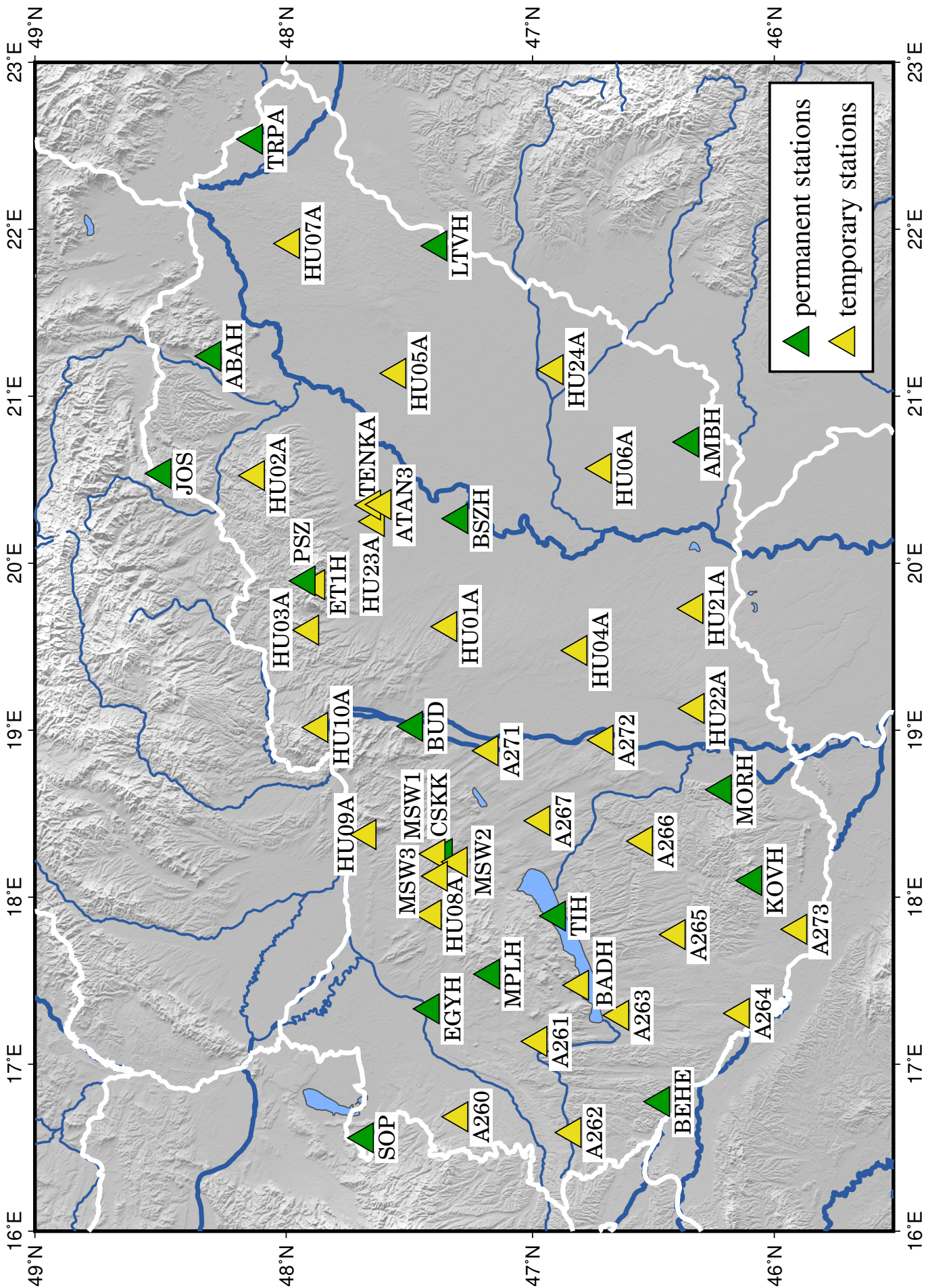


Figure 1.1: Permanent and temporary stations of the Hungarian National Seismological Network in 2021

Data processing

The iLoc location algorithm

The iLoc location algorithm is based on the state-of-the-art location algorithm developed for the International Seismological Centre (ISC). The ISC locator (Bondár and Storchak, 2011) is operational since 2011, that is, the ISC Bulletin is produced with the new locator since January 2009. The relocation of the entire ISC Bulletin with the ISC locator is expected to be finished by the end of 2018. The ISC locator:

- Uses most ak135 (Kennett et al., 1995) phases (including depth phases) in the location with elevation, ellipticity (Dziewonski and Gilbert 1976; Kennett and Gudmundsson 1996) and depth-phase bounce point corrections (Engdahl et al., 1998).
- Accounts for correlated travel-time prediction errors
 - Obtains initial guess from Neighbourhood Algorithm search (Sambridge 1999; Sambridge and Kennett, 2001).
 - Performs iterative linearised inversion using an a priori estimate of data covariance matrix (Bondár and McLaughlin, 2009).
- Attempts free-depth solution only if there is depth resolution
 - Default depth for fixed-depth solutions is derived from historical seismicity.
 - Independent depth estimate is obtained from depth-phase stacking (Murphy and Barker, 2006).
- Provides robust magnitude estimates with uncertainties.

In addition to the features of the ISC locator, iLoc provides further functionality to support the needs of national seismological networks:

- Supports the use of local one-dimensional velocity models for travel-time calculations.
- Obtains travel-time predictions for crustal and mantle phases from a three-dimensional global upper mantle model compliant with the RSTT parameterization (Myers et al., 2010).
- Calculates local magnitude, ML, as well as broadband body wave magnitude, mB.
- Communicates with the SeisComp3 database schema through a MySQL client.

Location procedure

To produce the annual Hungarian National Seismological Bulletin (HNSB) all reviewed SeisComp3 events were relocated with iLoc. The SeisComp3 hypocentres include both earthquakes and anthropogenic (quarry blasts, mine explosions) events. The event type flag is set accordingly for all events in the bulletin. Bogus events were deleted from the SeisComp3 catalog.

Note that the coordinate rectangle in which we produce the HNSB includes the Pannonian basin, parts of the Alps, Carpathians and the Dinarides, so a simple 1D velocity model would not be sufficient to produce reliable travel time predictions for the large variety of geologic and tectonic provinces in the region. Relocation studies of ground truth events demonstrated that the RSTT global 3D upper mantle velocity model (Myers et al., 2010) performs better in the region than local velocity models. Hence, during the relocations with iLoc we used the RSTT model to obtain travel-time predictions for local (Pg, Pb, Sg, Sb and Lg) and regional (Pn, Sn) phases up to 15-degree epicentral distances. Beyond that we used ak135 (Kennett et al., 1995) travel time predictions.

iLoc, as all linearized location algorithms, minimizes the root-mean-square travel-time residuals of the observed seismic phase arrivals. The a priori measurement error estimate is provided for each phase that could contribute to the location of an event. During the location process, if the magnitude of the time residual of a phase (the difference between the observed and predicted arrival times) is larger than six times of the a priori measurement error, the phase is made non-defining, and it is no longer considered in the location process.

2. Local events

In 2021, 1616 local events (Table 2.1) have been detected by the Hungarian National Seismological Network in the area confined by the latitudes 45.5-49.0°N and longitudes 16.0-23.0°E. From these events 344 earthquakes (Fig. 2.1) and 1272 quarry explosions (Fig. 2.2) have been identified. Two hundred and seventy-three explosions were labeled as ground truth events based on the reports of the respective mines (Fig. 2.3).

In Table 2.1, the column *Locality* shows the name of the nearest settlement (or the name of the mine in the case of ground truth events) if the event occurred in Hungary, otherwise the name of the country is displayed.

Table 2.1: Parameters of events detected by the Hungarian National Seismological Network (Magnitude: local magnitude (ML), Type: EQ – earthquake, GT – ground truth event, EX – explosion).

| | Date | Time | Lat. (°N) | Long. (°E) | Depth (km) | Magnitude | Type | Locality |
|-----|------------|------------|--------------|---------------|---------------|-----------|------|------------------|
| 1. | 2021.01.01 | 01:51:12.6 | 45.6664 | 18.0296 | 1.4 | 2.1 | EQ | Croatia |
| 2. | 2021.01.01 | 05:54:50.0 | 46.3475 | 17.1719 | 11.2 | 1.7 | EQ | Iharosberény |
| 3. | 2021.01.02 | 00:36:36.6 | 45.6859 | 18.0551 | 1.2 | 1.5 | EQ | Croatia |
| 4. | 2021.01.02 | 03:00:50.8 | 45.7446 | 21.6660 | 1.4 | 2.3 | EQ | Romania |
| 5. | 2021.01.02 | 04:07:30.7 | 45.7327 | 21.6343 | 2.4 | 2.5 | EQ | Romania |
| 6. | 2021.01.02 | 04:16:07.1 | 45.7468 | 21.6629 | 3.0 | 1.7 | EQ | Romania |
| 7. | 2021.01.02 | 22:08:46.4 | 48.4099 | 22.7823 | 11.5 | 1.9 | EQ | Ukraine |
| 8. | 2021.01.03 | 08:19:58.4 | 45.7943 | 16.0589 | 0.2 | 3.0 | EQ | Croatia |
| 9. | 2021.01.04 | 11:45:23.1 | 48.5604 | 20.8025 | 0.0 | 1.5 | EX | Tornanádaska |
| 10. | 2021.01.04 | 18:25:38.5 | 47.3515 | 18.2416 | 2.0 | 1.6 | EQ | Csókakő |
| 11. | 2021.01.04 | 23:34:08.3 | 48.0035 | 20.4694 | 10.0 | 1.0 | EQ | Felsőtárkány |
| 12. | 2021.01.04 | 23:58:52.0 | 47.9942 | 20.4887 | 10.0 | - | EQ | Bükkzsérc |
| 13. | 2021.01.05 | 00:41:44.6 | 48.0092 | 20.4513 | 10.0 | 0.8 | EQ | Felsőtárkány |
| 14. | 2021.01.05 | 01:57:59.0 | 48.0255 | 20.4496 | 10.0 | - | EQ | Felsőtárkány |
| 15. | 2021.01.05 | 02:36:20.4 | 48.0394 | 20.4398 | 8.0 | 1.2 | EQ | Répáshuta |
| 16. | 2021.01.05 | 02:37:55.2 | 48.0322 | 20.4341 | 2.3 | 2.0 | EQ | Felsőtárkány |
| 17. | 2021.01.05 | 02:39:25.1 | 48.0350 | 20.4410 | 9.3 | 1.6 | EQ | Répáshuta |
| 18. | 2021.01.05 | 02:49:57.9 | 48.0304 | 20.4605 | 5.0 | 1.0 | EQ | Répáshuta |
| 19. | 2021.01.05 | 14:45:41.4 | 47.8469 | 16.0703 | 0.0 | 1.5 | EX | Austria |
| 20. | 2021.01.06 | 08:44:51.5 | 47.2188 | 18.3023 | 0.0 | 1.1 | EX | Iszkaszentgyörgy |
| 21. | 2021.01.07 | 08:12:30.5 | 47.9767 | 20.3679 | 0.0 | 1.3 | GT | Eger-III. |
| 22. | 2021.01.08 | 04:21:39.5 | 47.3108 | 18.3207 | 6.0 | 0.9 | EQ | Magyaralmás |
| 23. | 2021.01.08 | 10:09:29.4 | 48.5697 | 20.7730 | 0.0 | 1.6 | EX | Slovakia |
| 24. | 2021.01.08 | 14:59:39.2 | 47.8650 | 20.1529 | 0.0 | 1.5 | GT | Kisnána |
| 25. | 2021.01.10 | 06:15:43.7 | 47.8437 | 16.3115 | 18.7 | 1.0 | EQ | Austria |
| 26. | 2021.01.11 | 09:03:58.7 | 47.9493 | 20.4056 | 3.1 | 1.3 | EQ | Felsőtárkány |
| 27. | 2021.01.11 | 09:17:45.1 | 47.6962 | 18.4630 | 0.0 | 1.8 | EX | Tardos |
| 28. | 2021.01.11 | 20:22:13.8 | 47.3605 | 18.1846 | 3.4 | 2.0 | EQ | Mór |
| 29. | 2021.01.12 | 11:45:00.7 | 48.4420 | 17.5515 | 0.0 | 1.8 | EX | Slovakia |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-----|------------|------------|--------------|--------------|---------------|-----------|------|-------------------|
| 30. | 2021.01.12 | 15:03:52.5 | 47.1498 | 19.4171 | 0.0 | 1.8 | EX | Hernád |
| 31. | 2021.01.13 | 08:07:41.9 | 47.1201 | 17.9958 | 0.0 | 1.4 | EX | Litér |
| 32. | 2021.01.13 | 09:40:11.2 | 47.1061 | 18.0297 | 0.0 | 1.9 | EX | Királyszentistván |
| 33. | 2021.01.13 | 10:02:17.8 | 48.5244 | 20.7849 | 0.0 | 1.2 | EX | Tornaszentandrás |
| 34. | 2021.01.14 | 15:07:58.0 | 47.2308 | 19.5001 | 0.0 | 1.7 | EX | Nyáregyháza |
| 35. | 2021.01.15 | 08:24:27.5 | 48.0136 | 20.3350 | 5.0 | 1.1 | EQ | Mónosbél |
| 36. | 2021.01.15 | 09:00:10.5 | 46.1210 | 18.0704 | 0.0 | 1.5 | EX | Hetvehely |
| 37. | 2021.01.15 | 11:30:23.7 | 48.5123 | 20.8359 | 0.0 | - | EX | Becskeháza |
| 38. | 2021.01.15 | 13:22:07.0 | 46.9856 | 22.2771 | 4.1 | 2.2 | EQ | Romania |
| 39. | 2021.01.15 | 23:52:31.4 | 47.3310 | 18.2372 | 0.7 | 0.5 | EQ | Bodajk |
| 40. | 2021.01.16 | 17:46:42.5 | 47.3492 | 18.2822 | 2.0 | 1.2 | EQ | Csókakó |
| 41. | 2021.01.17 | 06:14:49.9 | 47.9541 | 19.2427 | 3.0 | 1.1 | EQ | Szátok |
| 42. | 2021.01.17 | 23:20:10.3 | 45.9993 | 18.4214 | 4.0 | 1.2 | EQ | Olasz |
| 43. | 2021.01.18 | 09:53:46.8 | 48.5133 | 20.7189 | 0.0 | 1.6 | EX | Bódvarákó |
| 44. | 2021.01.18 | 11:00:23.2 | 48.1130 | 16.9802 | 0.0 | - | EX | Austria |
| 45. | 2021.01.19 | 04:44:37.3 | 45.7786 | 16.2023 | 7.5 | 3.8 | EQ | Croatia |
| 46. | 2021.01.19 | 08:52:41.5 | 47.3562 | 18.3971 | 0.0 | - | EX | Gánt |
| 47. | 2021.01.19 | 12:09:50.8 | 47.8764 | 16.0383 | 0.0 | 1.6 | EX | Austria |
| 48. | 2021.01.19 | 13:18:50.2 | 45.6880 | 18.0229 | 3.1 | 2.3 | EQ | Croatia |
| 49. | 2021.01.19 | 13:40:36.3 | 45.6744 | 20.4818 | 6.4 | 1.9 | EQ | Serbia |
| 50. | 2021.01.20 | 09:40:05.9 | 48.1591 | 21.4345 | 0.0 | 1.8 | EX | Timár |
| 51. | 2021.01.20 | 10:21:35.4 | 48.5067 | 20.7854 | 0.0 | 1.6 | EX | Tornaszentandrás |
| 52. | 2021.01.20 | 22:24:14.4 | 45.7724 | 19.1444 | 10.0 | 1.5 | EQ | Serbia |
| 53. | 2021.01.21 | 08:29:55.1 | 47.3578 | 18.2948 | 0.0 | 1.3 | EX | Csókakó |
| 54. | 2021.01.21 | 10:09:05.2 | 48.5618 | 20.8157 | 0.0 | 1.4 | EX | Hidvégardó |
| 55. | 2021.01.21 | 13:19:23.9 | 47.1268 | 19.3558 | 0.0 | 2.3 | EX | Tatárszentgyörgy |
| 56. | 2021.01.21 | 20:44:12.3 | 45.8281 | 21.5309 | 2.0 | 2.0 | EQ | Romania |
| 57. | 2021.01.22 | 08:52:12.2 | 46.3141 | 21.9791 | 5.0 | 2.1 | EQ | Romania |
| 58. | 2021.01.22 | 09:16:05.4 | 48.4191 | 20.7290 | 0.0 | 1.3 | EX | Szendrő |
| 59. | 2021.01.22 | 10:11:49.4 | 46.1269 | 18.0308 | 0.0 | 1.6 | EX | Hetvehely |
| 60. | 2021.01.22 | 11:21:43.5 | 47.5600 | 18.4573 | 0.0 | 1.5 | GT | Tatabánya |
| 61. | 2021.01.22 | 12:51:07.5 | 46.1452 | 21.5395 | 0.0 | 1.6 | EX | Romania |
| 62. | 2021.01.23 | 22:33:00.8 | 45.7167 | 18.0457 | 4.0 | 1.6 | EQ | Croatia |
| 63. | 2021.01.25 | 08:54:10.8 | 48.0210 | 20.6856 | 0.0 | 1.6 | EX | Kisgyőr |
| 64. | 2021.01.25 | 10:01:08.1 | 47.2302 | 18.2835 | 0.0 | 1.2 | GT | Iszkaszentgyörgy |
| 65. | 2021.01.25 | 12:10:00.2 | 47.8650 | 20.1529 | 0.0 | 1.4 | GT | Kisnána |
| 66. | 2021.01.25 | 13:41:19.6 | 46.0231 | 21.7609 | 0.0 | 1.3 | EX | Romania |
| 67. | 2021.01.26 | 08:00:53.7 | 47.3167 | 18.3081 | 0.0 | - | GT | Magyaralmás |
| 68. | 2021.01.26 | 09:02:39.1 | 48.9529 | 18.3076 | 0.0 | 1.8 | EX | Slovakia |
| 69. | 2021.01.26 | 10:02:19.1 | 48.5464 | 20.8642 | 0.0 | 1.3 | EX | Slovakia |
| 70. | 2021.01.26 | 10:59:01.8 | 47.8429 | 19.8432 | 0.0 | 1.9 | EX | Gyöngyöstarján |
| 71. | 2021.01.26 | 12:10:48.5 | 47.3367 | 17.5829 | 0.0 | 1.5 | EX | Béb |
| 72. | 2021.01.26 | 12:15:43.0 | 47.2824 | 17.6684 | 0.0 | 1.5 | EX | Bakonykoppány |
| 73. | 2021.01.26 | 12:48:55.9 | 48.3823 | 20.6332 | 0.0 | 1.2 | EX | Rudabánya |
| 74. | 2021.01.27 | 09:49:13.2 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 75. | 2021.01.27 | 10:09:28.6 | 48.5386 | 20.7594 | 0.0 | 1.6 | EX | Komjáti |
| 76. | 2021.01.27 | 11:19:37.4 | 46.9713 | 22.2885 | 0.0 | 2.2 | EX | Romania |
| 77. | 2021.01.28 | 08:16:43.6 | 48.6714 | 18.7113 | 10.0 | 3.9 | EQ | Slovakia |
| 78. | 2021.01.28 | 09:41:00.8 | 48.2470 | 21.2460 | 0.0 | 1.8 | GT | Tállya |
| 79. | 2021.01.28 | 09:50:33.3 | 48.2470 | 21.2460 | 0.0 | - | GT | Tállya |
| 80. | 2021.01.28 | 10:07:30.2 | 47.1314 | 17.8748 | 0.0 | 1.4 | EX | Márkó |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 81. | 2021.01.28 | 11:36:18.3 | 46.8377 | 17.3597 | 0.0 | 1.8 | EX | Lesencefalu |
| 82. | 2021.01.28 | 12:35:29.6 | 48.5291 | 21.7184 | 0.0 | 1.8 | EX | Slovakia |
| 83. | 2021.01.29 | 08:38:38.6 | 47.0910 | 18.0516 | 0.0 | 1.2 | EX | Királyszentistván |
| 84. | 2021.01.29 | 08:44:10.2 | 47.3943 | 18.4282 | 0.0 | - | EX | Csákvár |
| 85. | 2021.01.29 | 09:46:54.4 | 46.1204 | 18.0243 | 0.0 | 1.6 | GT | Bükkösd |
| 86. | 2021.01.29 | 10:04:03.4 | 47.9584 | 20.4070 | 0.0 | 1.5 | EX | Felsőtárkány |
| 87. | 2021.01.29 | 10:25:23.8 | 47.1065 | 18.0008 | 0.0 | 1.9 | EX | Litér |
| 88. | 2021.01.29 | 10:34:08.4 | 47.4328 | 16.3438 | 0.0 | 1.7 | EX | Austria |
| 89. | 2021.01.30 | 01:51:51.0 | 47.4222 | 18.2776 | 2.2 | - | EQ | Pusztavám |
| 90. | 2021.01.31 | 01:38:42.8 | 47.4269 | 18.2569 | 2.8 | 0.6 | EQ | Pusztavám |
| 91. | 2021.01.31 | 02:18:01.5 | 47.1084 | 17.7259 | 3.0 | 1.0 | EQ | Szentgál |
| 92. | 2021.02.01 | 10:00:42.5 | 48.2324 | 21.4886 | 0.0 | 1.6 | EX | Viss |
| 93. | 2021.02.01 | 11:21:29.9 | 47.5282 | 18.7027 | 0.0 | 1.5 | EX | Zsámbék |
| 94. | 2021.02.01 | 11:24:01.2 | 48.7619 | 20.8489 | 0.0 | 1.7 | EX | Slovakia |
| 95. | 2021.02.02 | 01:54:53.9 | 46.1818 | 16.6440 | 3.6 | 2.2 | EQ | Croatia |
| 96. | 2021.02.02 | 07:57:33.0 | 47.3797 | 18.3779 | 0.0 | - | EX | Gánt |
| 97. | 2021.02.02 | 09:13:55.6 | 47.3153 | 17.6664 | 0.0 | - | EX | Bakonykoppány |
| 98. | 2021.02.02 | 09:18:49.3 | 47.3760 | 18.3779 | 0.0 | 1.6 | EX | Gánt |
| 99. | 2021.02.02 | 10:10:58.3 | 48.5477 | 20.7639 | 0.0 | 1.8 | EX | Komjáti |
| 100. | 2021.02.02 | 10:59:24.8 | 47.2175 | 18.2375 | 0.0 | 0.7 | EQ | Csór |
| 101. | 2021.02.02 | 14:04:37.1 | 46.1886 | 16.5512 | 8.8 | 2.2 | EQ | Croatia |
| 102. | 2021.02.02 | 19:37:46.0 | 48.3148 | 17.4351 | 9.0 | - | EQ | Slovakia |
| 103. | 2021.02.02 | 22:47:53.0 | 47.8786 | 16.3103 | 2.0 | 1.0 | EQ | Austria |
| 104. | 2021.02.02 | 23:18:26.6 | 46.0011 | 17.7688 | 8.3 | 1.1 | EQ | Hobol |
| 105. | 2021.02.03 | 09:01:34.9 | 48.5008 | 20.7385 | 0.0 | 0.9 | EX | Bódvarákó |
| 106. | 2021.02.03 | 10:41:35.5 | 48.8889 | 21.0633 | 0.0 | 1.8 | EX | Slovakia |
| 107. | 2021.02.03 | 11:00:02.8 | 48.1383 | 16.9708 | 0.0 | - | EX | Austria |
| 108. | 2021.02.04 | 10:17:01.6 | 48.5310 | 20.7866 | 0.0 | 1.6 | EX | Tornaszentandrás |
| 109. | 2021.02.04 | 12:27:31.6 | 47.8650 | 20.1529 | 0.0 | 1.3 | GT | Kisnána |
| 110. | 2021.02.04 | 14:19:42.0 | 48.8277 | 21.8229 | 0.0 | - | EX | Slovakia |
| 111. | 2021.02.05 | 03:30:41.6 | 46.1895 | 16.5854 | 6.5 | 2.9 | EQ | Croatia |
| 112. | 2021.02.05 | 08:36:21.1 | 48.0750 | 20.6990 | 0.0 | - | GT | Miskolc-Mexikóvölgy |
| 113. | 2021.02.05 | 09:48:26.5 | 47.0639 | 17.9899 | 0.0 | 1.5 | EX | Szentkirályszabadja |
| 114. | 2021.02.05 | 10:12:19.4 | 47.0081 | 18.3524 | 0.0 | 1.4 | EX | Kisláng |
| 115. | 2021.02.05 | 10:22:49.9 | 48.2269 | 18.8038 | 0.0 | 1.8 | EX | Slovakia |
| 116. | 2021.02.05 | 12:35:44.4 | 46.1464 | 16.3688 | 0.0 | 1.9 | EX | Croatia |
| 117. | 2021.02.05 | 13:41:09.7 | 46.8842 | 22.8450 | 0.0 | - | EX | Romania |
| 118. | 2021.02.06 | 05:02:21.5 | 47.4477 | 18.2783 | 5.1 | 0.6 | EQ | Pusztavám |
| 119. | 2021.02.06 | 09:30:08.6 | 48.0061 | 19.6278 | 0.0 | 1.6 | GT | Nagylóc |
| 120. | 2021.02.06 | 20:22:06.5 | 48.6544 | 20.2444 | 14.8 | 1.1 | EQ | Slovakia |
| 121. | 2021.02.06 | 22:09:16.1 | 48.1765 | 20.2773 | 10.0 | - | EQ | Arló |
| 122. | 2021.02.07 | 15:07:04.9 | 45.6626 | 18.0851 | 6.1 | 1.7 | EQ | Croatia |
| 123. | 2021.02.07 | 15:30:31.4 | 45.7311 | 18.0059 | 15.0 | - | EQ | Croatia |
| 124. | 2021.02.07 | 18:39:13.2 | 45.7016 | 18.0446 | 2.0 | 1.6 | EQ | Croatia |
| 125. | 2021.02.08 | 09:33:35.8 | 48.5341 | 20.7691 | 0.0 | 1.7 | EX | Komjáti |
| 126. | 2021.02.08 | 09:44:59.7 | 46.1204 | 18.0243 | 0.0 | 1.6 | GT | Bükkösd |
| 127. | 2021.02.08 | 10:10:50.1 | 47.5600 | 18.4573 | 0.0 | 1.4 | GT | Tatabánya |
| 128. | 2021.02.08 | 12:21:17.5 | 47.8418 | 20.1658 | 0.0 | 1.0 | EX | Kisnána |
| 129. | 2021.02.08 | 13:44:33.6 | 45.5908 | 16.0462 | 3.0 | 2.7 | EQ | Croatia |
| 130. | 2021.02.08 | 23:06:58.5 | 45.7189 | 17.9666 | 0.9 | 2.7 | EQ | Croatia |
| 131. | 2021.02.08 | 23:10:26.8 | 47.3501 | 18.1962 | 5.0 | 0.7 | EQ | Mór |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|------------------|
| 132. | 2021.02.08 | 23:13:33.5 | 45.7300 | 18.0140 | 15.0 | 2.1 | EQ | Croatia |
| 133. | 2021.02.09 | 08:46:13.4 | 47.3462 | 18.3795 | 0.0 | 1.6 | EX | Csákberény |
| 134. | 2021.02.09 | 09:52:11.9 | 47.8836 | 19.1391 | 0.0 | - | EX | Nótincs |
| 135. | 2021.02.09 | 10:11:59.1 | 48.6562 | 19.8889 | 0.0 | 1.8 | EX | Slovakia |
| 136. | 2021.02.09 | 10:29:59.6 | 48.7968 | 21.2148 | 0.0 | 1.8 | EX | Slovakia |
| 137. | 2021.02.09 | 11:58:51.2 | 48.6239 | 21.4822 | 0.0 | 1.9 | EX | Slovakia |
| 138. | 2021.02.10 | 09:39:03.5 | 48.5164 | 20.7980 | 0.0 | 1.3 | EX | Tornaszentandrás |
| 139. | 2021.02.10 | 10:06:04.0 | 47.2400 | 18.2501 | 0.0 | - | EX | Kincsesbánya |
| 140. | 2021.02.10 | 10:58:57.8 | 48.5093 | 20.7837 | 0.0 | 1.5 | EX | Tornaszentandrás |
| 141. | 2021.02.11 | 09:09:31.4 | 47.8355 | 19.1270 | 0.0 | - | GT | Sejce-Vác |
| 142. | 2021.02.12 | 07:58:34.0 | 47.5600 | 18.4573 | 0.0 | 1.5 | GT | Tatabánya |
| 143. | 2021.02.12 | 16:07:11.1 | 47.8212 | 16.2468 | 11.3 | 2.4 | EQ | Austria |
| 144. | 2021.02.12 | 22:05:20.4 | 47.7788 | 16.1373 | 9.0 | 1.8 | EQ | Austria |
| 145. | 2021.02.14 | 04:22:55.4 | 47.6329 | 18.1560 | 4.2 | 1.4 | EQ | Mocsa |
| 146. | 2021.02.14 | 11:14:30.6 | 45.7363 | 17.9797 | 3.0 | 2.4 | EQ | Croatia |
| 147. | 2021.02.15 | 02:54:54.2 | 45.6820 | 18.0025 | 0.4 | 2.1 | EQ | Croatia |
| 148. | 2021.02.15 | 09:04:02.9 | 46.5077 | 16.4655 | 7.4 | 1.9 | EQ | Croatia |
| 149. | 2021.02.15 | 10:35:40.5 | 48.4470 | 20.7870 | 0.0 | 1.0 | GT | Meszés |
| 150. | 2021.02.15 | 12:09:23.1 | 47.8650 | 20.1529 | 0.0 | 1.5 | GT | Kisnána |
| 151. | 2021.02.16 | 08:48:47.3 | 47.3624 | 18.4180 | 0.0 | 1.8 | EX | Gánt |
| 152. | 2021.02.16 | 09:00:30.0 | 46.3227 | 21.9746 | 0.0 | 2.2 | EX | Romania |
| 153. | 2021.02.16 | 09:04:10.9 | 48.3004 | 19.0446 | 0.0 | 1.7 | EX | Slovakia |
| 154. | 2021.02.16 | 09:12:32.7 | 48.5951 | 19.7506 | 0.0 | 1.6 | EX | Slovakia |
| 155. | 2021.02.16 | 10:58:16.5 | 48.1376 | 21.2464 | 0.0 | - | EX | Mezőzombor |
| 156. | 2021.02.16 | 12:21:12.5 | 45.5942 | 17.2664 | 15.0 | - | EQ | Croatia |
| 157. | 2021.02.17 | 03:10:29.3 | 45.6822 | 16.0065 | 2.6 | 2.0 | EQ | Croatia |
| 158. | 2021.02.17 | 08:58:52.7 | 47.0957 | 17.9617 | 0.0 | 1.2 | EX | Veszprém |
| 159. | 2021.02.18 | 09:10:08.4 | 47.3580 | 18.3469 | 0.0 | 1.5 | EX | Csákberény |
| 160. | 2021.02.18 | 10:14:31.0 | 47.2302 | 18.2835 | 0.0 | 1.1 | GT | Iszkaszentgyörgy |
| 161. | 2021.02.19 | 08:01:50.1 | 47.8551 | 21.2845 | 0.0 | - | EX | Görbeháza |
| 162. | 2021.02.19 | 22:52:55.0 | 47.3673 | 18.2981 | 3.0 | - | EQ | Csókakó |
| 163. | 2021.02.20 | 06:21:40.9 | 47.6641 | 20.3462 | 8.6 | 1.9 | EQ | Tenk |
| 164. | 2021.02.22 | 09:47:24.2 | 48.6730 | 20.4434 | 11.5 | 1.6 | EQ | Slovakia |
| 165. | 2021.02.22 | 09:49:42.6 | 45.6428 | 17.2992 | 0.0 | 2.1 | EX | Croatia |
| 166. | 2021.02.22 | 10:01:06.1 | 48.8587 | 21.6521 | 0.0 | 2.1 | EX | Slovakia |
| 167. | 2021.02.22 | 11:35:42.3 | 47.5600 | 18.4573 | 0.0 | 1.6 | GT | Tatabánya |
| 168. | 2021.02.23 | 09:28:43.3 | 47.3913 | 18.3671 | 0.0 | 1.3 | EX | Gánt |
| 169. | 2021.02.23 | 10:00:41.8 | 47.8355 | 19.1270 | 0.0 | 1.6 | GT | Sejce-Vác |
| 170. | 2021.02.23 | 10:10:40.3 | 48.2098 | 21.2786 | 0.0 | 1.9 | EX | Mád |
| 171. | 2021.02.23 | 10:34:28.0 | 48.8541 | 20.7134 | 0.0 | 1.4 | EX | Slovakia |
| 172. | 2021.02.23 | 11:01:58.7 | 48.3622 | 18.4643 | 0.0 | 1.8 | EX | Slovakia |
| 173. | 2021.02.23 | 15:22:46.9 | 47.7887 | 16.1830 | 11.4 | 1.5 | EQ | Austria |
| 174. | 2021.02.24 | 10:23:32.7 | 47.2302 | 18.2835 | 0.0 | 1.2 | GT | Iszkaszentgyörgy |
| 175. | 2021.02.24 | 10:38:47.2 | 48.5517 | 20.7769 | 0.0 | 1.7 | EX | Tornanádaska |
| 176. | 2021.02.24 | 12:16:46.6 | 47.3608 | 18.3918 | 0.1 | 1.8 | EX | Gánt |
| 177. | 2021.02.24 | 15:06:14.1 | 48.3479 | 19.8589 | 0.0 | 1.8 | EX | Slovakia |
| 178. | 2021.02.25 | 09:00:57.8 | 47.8028 | 20.6180 | 0.0 | 1.6 | EX | Mezőkövesd |
| 179. | 2021.02.25 | 09:08:13.8 | 47.3701 | 18.3785 | 0.0 | 1.5 | EX | Gánt |
| 180. | 2021.02.25 | 10:11:36.3 | 48.3811 | 19.0880 | 0.0 | 2.1 | EX | Slovakia |
| 181. | 2021.02.25 | 11:34:04.6 | 48.4260 | 19.5538 | 0.0 | 1.5 | EX | Slovakia |
| 182. | 2021.02.26 | 10:07:24.8 | 48.0809 | 21.3849 | 0.0 | 1.8 | EX | Tiszaladány |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|-------------------|
| 183. | 2021.02.26 | 11:00:37.1 | 48.1212 | 16.9925 | 0.0 | - | EX | Austria |
| 184. | 2021.02.26 | 12:29:10.2 | 46.1203 | 17.9496 | 0.0 | 1.8 | EX | Dinnyeberki |
| 185. | 2021.02.27 | 14:24:11.1 | 45.6230 | 16.0767 | 0.1 | 2.1 | EQ | Croatia |
| 186. | 2021.02.27 | 14:25:41.2 | 45.5715 | 16.0439 | 4.0 | 2.4 | EQ | Croatia |
| 187. | 2021.02.27 | 16:32:02.3 | 45.5957 | 16.0594 | 0.1 | 2.4 | EQ | Croatia |
| 188. | 2021.02.27 | 17:26:08.2 | 45.6011 | 16.0566 | 1.0 | 2.1 | EQ | Croatia |
| 189. | 2021.02.27 | 17:27:51.9 | 45.5971 | 16.0477 | 1.0 | 2.0 | EQ | Croatia |
| 190. | 2021.02.27 | 17:29:41.5 | 45.5813 | 16.0819 | 1.0 | 1.6 | EQ | Croatia |
| 191. | 2021.02.28 | 09:36:18.6 | 45.5502 | 16.0289 | 1.0 | 2.4 | EQ | Croatia |
| 192. | 2021.03.01 | 08:32:01.5 | 47.6987 | 18.5262 | 0.0 | 1.8 | EX | Bajót |
| 193. | 2021.03.01 | 12:30:10.7 | 48.4745 | 21.7169 | 0.0 | 1.8 | EX | Slovakia |
| 194. | 2021.03.01 | 14:29:20.9 | 47.7351 | 20.2293 | 2.0 | 1.8 | EQ | Kompolt |
| 195. | 2021.03.02 | 03:12:28.5 | 46.4686 | 16.9461 | 7.9 | 2.6 | EQ | Sormás |
| 196. | 2021.03.02 | 03:13:46.8 | 46.4988 | 16.9214 | 9.7 | 2.1 | EQ | Homokkomárom |
| 197. | 2021.03.02 | 03:16:08.5 | 46.4951 | 16.9519 | 9.1 | 1.7 | EQ | Hosszúvölgy |
| 198. | 2021.03.02 | 03:18:26.7 | 46.5055 | 16.9356 | 14.0 | 1.8 | EQ | Hosszúvölgy |
| 199. | 2021.03.02 | 03:47:39.1 | 46.5116 | 16.9606 | 22.3 | 1.8 | EQ | Hosszúvölgy |
| 200. | 2021.03.02 | 03:53:10.2 | 46.4859 | 16.9441 | 8.0 | 1.5 | EQ | Homokkomárom |
| 201. | 2021.03.02 | 03:54:35.6 | 46.4466 | 16.9396 | 14.0 | - | EQ | Sormás |
| 202. | 2021.03.02 | 03:56:46.1 | 46.5348 | 16.9088 | 4.0 | 1.5 | EQ | Magyarszentmiklós |
| 203. | 2021.03.02 | 04:46:35.4 | 46.4821 | 16.9446 | 8.0 | 2.2 | EQ | Sormás |
| 204. | 2021.03.02 | 09:10:37.1 | 48.4510 | 17.4129 | 0.0 | 1.8 | EX | Slovakia |
| 205. | 2021.03.02 | 09:39:45.5 | 47.8714 | 19.1671 | 0.0 | - | EX | Ósagárd |
| 206. | 2021.03.02 | 10:14:57.9 | 48.6625 | 21.3674 | 8.5 | 1.8 | EQ | Slovakia |
| 207. | 2021.03.02 | 10:16:08.0 | 48.5805 | 22.9386 | 3.5 | 2.4 | EQ | Ukraine |
| 208. | 2021.03.03 | 08:01:29.0 | 46.4410 | 16.9619 | 11.2 | 2.1 | EQ | Nagykanizsa |
| 209. | 2021.03.04 | 03:34:04.5 | 46.0335 | 17.2556 | 12.0 | 1.9 | EQ | Croatia |
| 210. | 2021.03.04 | 08:00:26.5 | 47.9813 | 20.6568 | 0.0 | 1.6 | EX | Borsodgeszt |
| 211. | 2021.03.04 | 11:01:08.5 | 47.3111 | 18.2376 | 0.0 | - | EX | Bodajk |
| 212. | 2021.03.04 | 14:29:54.1 | 47.8830 | 16.0317 | 0.0 | 1.8 | EX | Austria |
| 213. | 2021.03.04 | 16:10:16.8 | 47.5534 | 16.4328 | 0.0 | - | EX | Austria |
| 214. | 2021.03.05 | 00:41:21.2 | 47.8156 | 18.0019 | 10.9 | 2.2 | EQ | Slovakia |
| 215. | 2021.03.07 | 13:02:19.8 | 45.5707 | 16.0194 | 1.0 | 2.1 | EQ | Croatia |
| 216. | 2021.03.08 | 01:07:19.1 | 45.5920 | 16.0660 | 3.0 | 1.4 | EQ | Croatia |
| 217. | 2021.03.09 | 01:55:14.2 | 45.5928 | 16.0294 | 2.0 | 1.9 | EQ | Croatia |
| 218. | 2021.03.09 | 07:16:38.7 | 47.9767 | 20.3679 | 0.0 | 0.9 | GT | Eger-III. |
| 219. | 2021.03.09 | 08:58:40.4 | 47.3850 | 18.3393 | 0.0 | 1.5 | EX | Gánt |
| 220. | 2021.03.09 | 11:52:42.4 | 47.8650 | 20.1529 | 0.0 | 1.3 | GT | Kisnána |
| 221. | 2021.03.10 | 01:59:47.4 | 47.6561 | 20.3153 | 8.3 | 1.9 | EQ | Tenk |
| 222. | 2021.03.10 | 08:35:09.9 | 47.4002 | 18.4091 | 0.0 | 1.5 | EX | Gánt |
| 223. | 2021.03.10 | 09:45:57.1 | 47.8341 | 19.8332 | 0.0 | 1.5 | EX | Gyöngyöstarján |
| 224. | 2021.03.10 | 10:11:22.6 | 47.9293 | 20.0382 | 0.0 | 1.9 | EX | Parád |
| 225. | 2021.03.10 | 17:45:03.8 | 45.7190 | 18.0261 | 0.8 | 2.3 | EQ | Croatia |
| 226. | 2021.03.11 | 09:45:19.1 | 47.3648 | 18.3588 | 0.0 | 1.7 | EX | Csákberény |
| 227. | 2021.03.11 | 10:25:57.6 | 47.3163 | 18.2298 | 0.0 | - | EX | Bodajk |
| 228. | 2021.03.11 | 10:48:27.8 | 48.2470 | 21.2460 | 0.0 | 2.1 | GT | Tállya |
| 229. | 2021.03.12 | 09:24:59.8 | 47.8355 | 19.1270 | 0.0 | 1.9 | GT | Sejce-Vác |
| 230. | 2021.03.12 | 09:53:30.7 | 46.9790 | 17.3040 | 0.0 | 1.9 | GT | Sümeg |
| 231. | 2021.03.12 | 11:00:11.0 | 48.5081 | 20.3281 | 1.0 | - | EQ | Slovakia |
| 232. | 2021.03.15 | 10:03:21.4 | 48.5141 | 20.7626 | 0.0 | 1.4 | EX | Tornaszentandrás |
| 233. | 2021.03.15 | 11:15:41.4 | 48.2547 | 19.8638 | 0.0 | 1.8 | EX | Slovakia |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 234. | 2021.03.16 | 09:42:17.1 | 48.4790 | 19.1013 | 0.0 | 1.6 | EX | Slovakia |
| 235. | 2021.03.16 | 11:08:23.4 | 46.8676 | 17.2735 | 0.0 | 2.2 | EX | Várvölgy |
| 236. | 2021.03.16 | 11:35:30.5 | 48.2470 | 21.2460 | 0.0 | 1.8 | GT | Tállya |
| 237. | 2021.03.17 | 08:47:53.0 | 48.0750 | 20.6990 | 0.0 | 1.5 | GT | Miskolc-Mexikóvölgy |
| 238. | 2021.03.17 | 09:07:08.9 | 48.0750 | 20.6990 | 0.0 | - | GT | Miskolc-Mexikóvölgy |
| 239. | 2021.03.17 | 09:38:40.6 | 47.5677 | 18.5256 | 0.0 | 1.7 | EX | Tarján |
| 240. | 2021.03.17 | 11:28:02.0 | 47.8650 | 20.1529 | 0.0 | 1.4 | GT | Kisnána |
| 241. | 2021.03.17 | 12:55:13.1 | 47.7937 | 19.8786 | 0.0 | 1.5 | EX | Gyöngyöstarján |
| 242. | 2021.03.18 | 09:48:31.7 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 243. | 2021.03.18 | 09:49:49.9 | 47.8702 | 16.0565 | 0.0 | 1.0 | EX | Austria |
| 244. | 2021.03.18 | 10:02:58.0 | 48.2470 | 21.2460 | 0.0 | 1.7 | GT | Tállya |
| 245. | 2021.03.19 | 08:56:04.8 | 48.8245 | 21.1252 | 2.0 | - | EQ | Slovakia |
| 246. | 2021.03.19 | 09:20:23.6 | 47.8943 | 20.0805 | 0.0 | 1.6 | EX | Parád |
| 247. | 2021.03.19 | 09:35:14.9 | 47.3467 | 18.2541 | 0.0 | 1.4 | EX | Csókakő |
| 248. | 2021.03.19 | 12:33:44.5 | 48.4095 | 17.3300 | 0.0 | 1.7 | EX | Slovakia |
| 249. | 2021.03.20 | 10:00:37.1 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 250. | 2021.03.22 | 01:20:20.6 | 47.6403 | 20.3209 | 2.0 | 1.2 | EQ | Tenk |
| 251. | 2021.03.22 | 08:56:36.1 | 48.4675 | 20.7562 | 0.0 | 1.3 | EX | Martonyi |
| 252. | 2021.03.22 | 09:33:13.2 | 47.5600 | 18.4573 | 0.0 | 1.9 | GT | Tatabánya |
| 253. | 2021.03.22 | 09:55:13.4 | 48.1247 | 21.3360 | 0.0 | 1.7 | EX | Tarcal |
| 254. | 2021.03.22 | 11:00:54.8 | 48.1732 | 19.8200 | 0.0 | 1.4 | EX | Slovakia |
| 255. | 2021.03.22 | 11:12:09.7 | 47.2382 | 18.2823 | 0.0 | - | EX | Iszkaszentgyörgy |
| 256. | 2021.03.22 | 14:53:39.5 | 48.9304 | 21.2944 | 0.0 | 1.7 | EX | Slovakia |
| 257. | 2021.03.23 | 10:26:02.2 | 47.3785 | 18.3791 | 0.0 | 1.9 | EX | Gánt |
| 258. | 2021.03.23 | 11:00:26.9 | 48.0917 | 16.9875 | 0.0 | - | EX | Austria |
| 259. | 2021.03.23 | 11:01:57.7 | 47.8650 | 20.1529 | 0.0 | 1.4 | GT | Kisnána |
| 260. | 2021.03.23 | 14:23:45.0 | 45.5859 | 16.0765 | 0.0 | 2.5 | EQ | Croatia |
| 261. | 2021.03.24 | 08:45:16.6 | 48.0750 | 20.6990 | 0.0 | 1.5 | GT | Miskolc-Mexikóvölgy |
| 262. | 2021.03.24 | 09:32:05.4 | 48.5599 | 20.7810 | 0.0 | 1.4 | EX | Tornanádaska |
| 263. | 2021.03.24 | 10:30:44.6 | 48.8414 | 20.4369 | 0.0 | 2.2 | EX | Slovakia |
| 264. | 2021.03.24 | 11:46:14.5 | 48.9079 | 21.1660 | 0.0 | 1.8 | EX | Slovakia |
| 265. | 2021.03.25 | 09:16:60.0 | 46.1204 | 18.0243 | 0.0 | - | GT | Bükkösd |
| 266. | 2021.03.25 | 09:27:38.5 | 47.3627 | 18.3249 | 0.0 | 1.1 | EX | Csákberény |
| 267. | 2021.03.26 | 08:28:44.7 | 47.4680 | 18.6970 | 0.0 | 1.5 | GT | Etyek |
| 268. | 2021.03.27 | 03:55:49.3 | 47.6332 | 20.3256 | 3.0 | 1.8 | EQ | Tenk |
| 269. | 2021.03.27 | 09:10:37.2 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 270. | 2021.03.27 | 11:41:53.3 | 48.4891 | 20.7621 | 0.0 | 1.3 | EX | Martonyi |
| 271. | 2021.03.29 | 07:19:50.3 | 47.1046 | 17.9794 | 0.0 | 1.8 | EX | Litér |
| 272. | 2021.03.29 | 09:06:23.0 | 47.7798 | 19.1406 | 0.0 | 1.3 | EX | Vác |
| 273. | 2021.03.29 | 10:46:32.1 | 47.8650 | 20.1529 | 0.0 | 1.4 | GT | Kisnána |
| 274. | 2021.03.29 | 15:59:02.9 | 47.8634 | 16.0318 | 2.0 | 0.7 | EQ | Austria |
| 275. | 2021.03.29 | 21:06:05.6 | 47.3525 | 18.2235 | 4.7 | 1.8 | EQ | Mór |
| 276. | 2021.03.30 | 06:23:59.8 | 47.9767 | 20.3679 | 0.0 | - | GT | Eger-III. |
| 277. | 2021.03.30 | 08:17:09.9 | 48.8226 | 21.0272 | 0.0 | - | EX | Slovakia |
| 278. | 2021.03.30 | 09:41:34.5 | 48.2470 | 21.2460 | 0.0 | 2.1 | GT | Tállya |
| 279. | 2021.03.30 | 10:02:53.7 | 48.8487 | 21.3633 | 0.0 | 1.9 | EX | Slovakia |
| 280. | 2021.03.30 | 11:01:08.7 | 47.2358 | 18.2820 | 0.0 | 0.9 | EX | Iszkaszentgyörgy |
| 281. | 2021.03.30 | 16:25:01.3 | 47.7829 | 16.1838 | 9.4 | 4.4 | EQ | Austria |
| 282. | 2021.03.30 | 17:05:02.0 | 47.7461 | 16.1791 | 9.0 | 1.8 | EQ | Austria |
| 283. | 2021.03.30 | 17:08:09.1 | 47.7406 | 16.1933 | 16.5 | 1.2 | EQ | Austria |
| 284. | 2021.03.30 | 17:12:58.8 | 47.7532 | 16.1876 | 10.5 | 0.8 | EQ | Austria |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 285. | 2021.03.30 | 18:02:46.3 | 47.7550 | 16.1418 | 10.7 | 1.9 | EQ | Austria |
| 286. | 2021.03.30 | 18:29:40.4 | 47.7625 | 16.1599 | 6.0 | 0.7 | EQ | Austria |
| 287. | 2021.03.30 | 21:13:24.7 | 47.7570 | 16.1483 | 8.8 | 1.1 | EQ | Austria |
| 288. | 2021.03.30 | 21:17:04.5 | 47.7484 | 16.1515 | 9.0 | 1.0 | EQ | Austria |
| 289. | 2021.03.31 | 08:12:47.2 | 47.0339 | 17.9264 | 0.0 | 1.6 | EX | Veszprémfajszt |
| 290. | 2021.03.31 | 10:21:57.8 | 47.7704 | 16.1772 | 11.9 | 2.0 | EQ | Austria |
| 291. | 2021.04.01 | 07:31:09.7 | 47.3596 | 18.2535 | 4.0 | 0.8 | EQ | Csókakő |
| 292. | 2021.04.01 | 08:23:49.8 | 47.9618 | 16.1455 | 0.0 | 1.1 | EX | Austria |
| 293. | 2021.04.01 | 08:54:54.1 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 294. | 2021.04.01 | 11:19:19.1 | 47.8896 | 20.1429 | 0.0 | 1.3 | EX | Kisnána |
| 295. | 2021.04.02 | 00:01:02.3 | 46.1019 | 16.9973 | 12.0 | 2.0 | EQ | Croatia |
| 296. | 2021.04.02 | 06:23:31.7 | 47.7951 | 16.1936 | 10.3 | 1.2 | EQ | Austria |
| 297. | 2021.04.02 | 07:40:13.0 | 47.7502 | 16.1544 | 9.6 | 1.4 | EQ | Austria |
| 298. | 2021.04.02 | 12:36:46.2 | 48.0026 | 19.6763 | 10.0 | 0.8 | EQ | Kisbárkány |
| 299. | 2021.04.02 | 20:12:12.4 | 47.7764 | 16.1681 | 8.4 | 2.3 | EQ | Austria |
| 300. | 2021.04.03 | 02:24:26.9 | 47.7588 | 16.1707 | 12.8 | 1.0 | EQ | Austria |
| 301. | 2021.04.03 | 06:59:15.5 | 47.7670 | 16.1689 | 10.9 | 1.5 | EQ | Austria |
| 302. | 2021.04.03 | 13:35:48.6 | 47.7842 | 16.2050 | 9.0 | - | EQ | Austria |
| 303. | 2021.04.04 | 03:53:42.4 | 48.0114 | 20.1790 | 10.0 | 0.7 | EQ | Fedémes |
| 304. | 2021.04.04 | 18:34:19.1 | 47.7862 | 16.1685 | 9.0 | 2.5 | EQ | Austria |
| 305. | 2021.04.06 | 09:01:18.4 | 47.2248 | 18.2592 | 0.0 | 1.1 | EX | Csór |
| 306. | 2021.04.07 | 09:19:38.2 | 48.9292 | 21.1664 | 5.0 | 1.9 | EQ | Slovakia |
| 307. | 2021.04.07 | 09:52:44.3 | 47.8355 | 19.1270 | 0.0 | 1.9 | GT | Sejce-Vác |
| 308. | 2021.04.07 | 10:34:38.6 | 47.8650 | 20.1529 | 0.0 | 1.2 | GT | Kisnána |
| 309. | 2021.04.07 | 18:01:56.8 | 47.7362 | 16.1530 | 12.8 | 1.7 | EQ | Austria |
| 310. | 2021.04.08 | 06:18:19.8 | 47.3233 | 18.2923 | 0.0 | 1.2 | EX | Söréd |
| 311. | 2021.04.08 | 09:14:40.5 | 47.2302 | 18.2835 | 0.0 | 1.1 | GT | Iszkaszentgyörgy |
| 312. | 2021.04.09 | 01:51:43.0 | 47.7688 | 16.1671 | 12.2 | 2.2 | EQ | Austria |
| 313. | 2021.04.09 | 06:49:48.9 | 47.3783 | 18.3587 | 0.0 | - | EX | Gánt |
| 314. | 2021.04.09 | 08:10:49.1 | 48.2470 | 21.2460 | 0.0 | 1.5 | GT | Tállya |
| 315. | 2021.04.10 | 01:29:08.6 | 45.9320 | 17.2928 | 13.9 | 1.4 | EQ | Croatia |
| 316. | 2021.04.10 | 05:18:27.7 | 47.7898 | 16.2212 | 15.8 | 1.2 | EQ | Austria |
| 317. | 2021.04.11 | 00:57:07.7 | 47.3633 | 18.1480 | 9.0 | - | EQ | Nagyveleg |
| 318. | 2021.04.12 | 07:28:18.4 | 48.0750 | 20.6990 | 0.0 | - | GT | Miskolc-Mexikóvölgy |
| 319. | 2021.04.12 | 07:41:42.5 | 47.5600 | 18.4573 | 0.0 | 1.4 | GT | Tatabánya |
| 320. | 2021.04.12 | 09:09:34.7 | 47.9585 | 20.0561 | 0.0 | 1.6 | EX | Mátraderecske |
| 321. | 2021.04.12 | 19:19:52.5 | 47.7767 | 16.1831 | 12.0 | 1.2 | EQ | Austria |
| 322. | 2021.04.13 | 05:46:04.2 | 46.0087 | 22.8019 | 0.0 | 1.7 | EX | Romania |
| 323. | 2021.04.13 | 08:05:28.9 | 47.8012 | 19.8872 | 0.0 | 1.5 | EX | Gyöngyöstarján |
| 324. | 2021.04.13 | 08:28:26.4 | 47.2302 | 18.3502 | 0.0 | - | EX | Moha |
| 325. | 2021.04.13 | 09:55:44.1 | 48.8757 | 21.0607 | 0.0 | 1.8 | EX | Slovakia |
| 326. | 2021.04.13 | 13:20:31.9 | 48.3325 | 19.8474 | 0.0 | 1.7 | EX | Slovakia |
| 327. | 2021.04.14 | 06:43:07.8 | 48.4521 | 21.3782 | 0.0 | 1.2 | EX | Telkibánya |
| 328. | 2021.04.14 | 07:43:38.0 | 47.8362 | 19.9346 | 0.0 | 1.8 | GT | Gyöngyössolymos |
| 329. | 2021.04.14 | 08:36:11.4 | 48.5801 | 18.6293 | 0.0 | 1.9 | EX | Slovakia |
| 330. | 2021.04.14 | 08:41:49.5 | 48.5447 | 20.7572 | 0.0 | 1.3 | EX | Komjáti |
| 331. | 2021.04.14 | 09:20:52.9 | 47.7150 | 18.4793 | 0.0 | 1.8 | EX | Lábatlan |
| 332. | 2021.04.14 | 19:42:25.2 | 47.7729 | 16.3078 | 13.0 | 1.6 | EQ | Austria |
| 333. | 2021.04.15 | 08:07:45.5 | 47.3702 | 18.3999 | 0.0 | - | EX | Gánt |
| 334. | 2021.04.15 | 08:47:04.8 | 47.7900 | 19.1304 | 0.0 | 1.5 | EX | Vác |
| 335. | 2021.04.15 | 09:10:11.8 | 47.2362 | 18.2418 | 0.0 | 1.0 | EX | Bakonykúti |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|------------------|
| 336. | 2021.04.15 | 09:33:45.2 | 48.2470 | 21.2460 | 0.0 | 2.0 | GT | Tálya |
| 337. | 2021.04.16 | 06:15:22.6 | 47.1009 | 17.9468 | 0.0 | 1.3 | EX | Veszprém |
| 338. | 2021.04.16 | 07:00:05.8 | 48.4138 | 17.3252 | 0.0 | 1.8 | EX | Slovakia |
| 339. | 2021.04.16 | 07:30:05.8 | 47.9927 | 20.3644 | 0.0 | 1.1 | EX | Szarvaskő |
| 340. | 2021.04.16 | 09:14:38.1 | 48.4155 | 18.7497 | 0.0 | 1.7 | EX | Slovakia |
| 341. | 2021.04.16 | 09:49:14.6 | 47.0999 | 17.9588 | 0.0 | 1.5 | EX | Veszprém |
| 342. | 2021.04.16 | 12:54:44.8 | 45.8655 | 18.5159 | 10.0 | 1.7 | EQ | Márok |
| 343. | 2021.04.17 | 08:40:14.7 | 48.5249 | 20.7802 | 0.0 | 1.4 | EX | Tornaszentandrás |
| 344. | 2021.04.17 | 08:53:01.2 | 46.1765 | 18.2926 | 0.0 | 1.3 | GT | Komló |
| 345. | 2021.04.17 | 15:02:15.7 | 48.2312 | 16.0597 | 9.0 | 1.3 | EQ | Austria |
| 346. | 2021.04.17 | 21:31:34.4 | 47.3709 | 18.1521 | 5.0 | 0.8 | EQ | Nagyveleg |
| 347. | 2021.04.18 | 03:19:10.4 | 47.7553 | 16.1325 | 9.0 | 1.5 | EQ | Austria |
| 348. | 2021.04.19 | 06:05:38.5 | 47.3167 | 18.3081 | 0.0 | 1.4 | GT | Magyaralmás |
| 349. | 2021.04.19 | 10:05:52.5 | 48.7361 | 20.7912 | 10.0 | 1.3 | EQ | Slovakia |
| 350. | 2021.04.19 | 13:22:35.8 | 47.8447 | 16.0352 | 0.0 | 1.1 | EX | Austria |
| 351. | 2021.04.19 | 19:18:17.1 | 47.7668 | 16.1877 | 12.5 | 1.3 | EQ | Austria |
| 352. | 2021.04.19 | 22:57:12.2 | 47.7695 | 16.1681 | 12.1 | 4.3 | EQ | Austria |
| 353. | 2021.04.19 | 22:58:55.4 | 47.7564 | 16.1796 | 14.2 | 2.8 | EQ | Austria |
| 354. | 2021.04.19 | 23:00:48.1 | 47.7646 | 16.1566 | 9.0 | 2.5 | EQ | Austria |
| 355. | 2021.04.19 | 23:05:35.9 | 47.7834 | 16.1691 | 12.7 | 2.2 | EQ | Austria |
| 356. | 2021.04.19 | 23:08:06.8 | 47.7584 | 16.1535 | 9.8 | 0.6 | EQ | Austria |
| 357. | 2021.04.19 | 23:10:40.9 | 47.7586 | 16.1635 | 13.5 | 2.3 | EQ | Austria |
| 358. | 2021.04.19 | 23:11:23.2 | 47.7799 | 16.1768 | 16.0 | 2.2 | EQ | Austria |
| 359. | 2021.04.19 | 23:13:10.4 | 47.7761 | 16.2211 | 16.2 | 0.9 | EQ | Austria |
| 360. | 2021.04.19 | 23:18:38.3 | 47.7529 | 16.1568 | 14.2 | 1.6 | EQ | Austria |
| 361. | 2021.04.19 | 23:21:36.6 | 47.7522 | 16.1433 | 8.5 | 1.7 | EQ | Austria |
| 362. | 2021.04.19 | 23:26:25.6 | 47.7518 | 16.1358 | 8.1 | 1.4 | EQ | Austria |
| 363. | 2021.04.19 | 23:33:38.7 | 47.7572 | 16.1622 | 12.7 | 0.9 | EQ | Austria |
| 364. | 2021.04.19 | 23:43:37.7 | 47.7717 | 16.1580 | 13.9 | 2.0 | EQ | Austria |
| 365. | 2021.04.19 | 23:56:24.3 | 47.7592 | 16.1736 | 12.7 | 1.1 | EQ | Austria |
| 366. | 2021.04.20 | 00:18:17.4 | 47.7683 | 16.1641 | 9.0 | 0.5 | EQ | Austria |
| 367. | 2021.04.20 | 00:35:02.0 | 47.7702 | 16.1660 | 9.0 | 1.0 | EQ | Austria |
| 368. | 2021.04.20 | 01:06:39.1 | 47.7712 | 16.1575 | 12.2 | 2.1 | EQ | Austria |
| 369. | 2021.04.20 | 01:22:16.7 | 47.7812 | 16.1695 | 7.6 | 1.8 | EQ | Austria |
| 370. | 2021.04.20 | 01:28:24.8 | 47.7758 | 16.1758 | 7.7 | 2.3 | EQ | Austria |
| 371. | 2021.04.20 | 01:51:54.2 | 47.7747 | 16.1768 | 12.1 | 0.6 | EQ | Austria |
| 372. | 2021.04.20 | 02:09:25.6 | 47.7678 | 16.1710 | 11.9 | 1.0 | EQ | Austria |
| 373. | 2021.04.20 | 02:49:08.1 | 47.7659 | 16.1720 | 16.8 | 1.8 | EQ | Austria |
| 374. | 2021.04.20 | 03:21:05.5 | 47.7613 | 16.1502 | 7.8 | 0.5 | EQ | Austria |
| 375. | 2021.04.20 | 03:38:48.1 | 47.7654 | 16.1434 | 12.8 | 2.3 | EQ | Austria |
| 376. | 2021.04.20 | 05:16:09.1 | 47.7719 | 16.1472 | 8.3 | 2.8 | EQ | Austria |
| 377. | 2021.04.20 | 07:57:12.1 | 47.8920 | 19.4049 | 0.0 | 2.0 | GT | Bercel |
| 378. | 2021.04.20 | 08:16:10.2 | 47.7728 | 16.1575 | 0.4 | 1.0 | EQ | Austria |
| 379. | 2021.04.20 | 09:28:24.9 | 47.7566 | 16.1425 | 2.0 | 1.5 | EQ | Austria |
| 380. | 2021.04.20 | 10:35:05.6 | 47.8650 | 20.1529 | 0.0 | 1.3 | GT | Kisnána |
| 381. | 2021.04.20 | 11:17:37.8 | 47.7818 | 16.1737 | 12.6 | 1.7 | EQ | Austria |
| 382. | 2021.04.20 | 17:17:40.3 | 47.7870 | 16.1883 | 6.1 | 2.3 | EQ | Austria |
| 383. | 2021.04.20 | 18:23:29.8 | 47.7882 | 16.1701 | 9.0 | 1.0 | EQ | Austria |
| 384. | 2021.04.20 | 21:03:36.6 | 47.7660 | 16.1542 | 12.8 | 1.7 | EQ | Austria |
| 385. | 2021.04.20 | 21:15:39.8 | 45.8529 | 16.0322 | 7.4 | 3.4 | EQ | Croatia |
| 386. | 2021.04.21 | 00:06:09.9 | 47.7699 | 16.1790 | 12.9 | 1.0 | EQ | Austria |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|------------------|
| 387. | 2021.04.21 | 05:10:14.3 | 47.7552 | 16.1450 | 11.2 | 2.2 | EQ | Austria |
| 388. | 2021.04.21 | 05:46:34.5 | 47.7571 | 16.1639 | 12.9 | 1.5 | EQ | Austria |
| 389. | 2021.04.21 | 09:04:05.7 | 47.7694 | 16.1643 | 9.0 | 0.8 | EQ | Austria |
| 390. | 2021.04.21 | 09:53:34.6 | 47.2302 | 18.2835 | 0.0 | 1.1 | GT | Iszkaszentgyörgy |
| 391. | 2021.04.21 | 12:39:26.2 | 47.7695 | 16.1743 | 12.1 | 0.7 | EQ | Austria |
| 392. | 2021.04.22 | 01:38:28.0 | 47.5003 | 19.5529 | 8.2 | 1.7 | EQ | Dány |
| 393. | 2021.04.22 | 05:49:06.2 | 48.0805 | 19.9050 | 5.1 | 1.9 | EQ | Bárna |
| 394. | 2021.04.22 | 09:38:39.9 | 48.2470 | 21.2460 | 0.0 | 1.8 | GT | Tállya |
| 395. | 2021.04.22 | 12:04:14.5 | 48.5100 | 20.7584 | 0.0 | 1.1 | EX | Bódvarákó |
| 396. | 2021.04.22 | 16:30:25.6 | 47.7521 | 16.1496 | 11.3 | 1.0 | EQ | Austria |
| 397. | 2021.04.22 | 17:11:36.8 | 47.7845 | 16.2308 | 15.7 | 1.5 | EQ | Austria |
| 398. | 2021.04.22 | 20:25:52.5 | 47.7791 | 16.1807 | 13.1 | 0.8 | EQ | Austria |
| 399. | 2021.04.23 | 09:08:16.5 | 47.8355 | 19.1270 | 0.0 | 1.6 | GT | Sejce-Vác |
| 400. | 2021.04.23 | 09:17:04.2 | 47.9902 | 20.2314 | 0.0 | 1.5 | EX | Hevesaranyos |
| 401. | 2021.04.23 | 15:17:18.0 | 47.7497 | 16.1476 | 11.5 | 1.8 | EQ | Austria |
| 402. | 2021.04.23 | 15:30:07.3 | 47.7669 | 16.1680 | 10.4 | 0.6 | EQ | Austria |
| 403. | 2021.04.23 | 16:30:31.4 | 47.7100 | 16.0278 | 4.0 | 3.6 | EQ | Austria |
| 404. | 2021.04.23 | 16:37:44.2 | 47.6981 | 16.0367 | 7.0 | 1.1 | EQ | Austria |
| 405. | 2021.04.23 | 16:45:36.6 | 47.6931 | 16.0790 | 20.4 | 1.0 | EQ | Austria |
| 406. | 2021.04.23 | 16:53:10.7 | 47.6926 | 16.0280 | 7.3 | 1.0 | EQ | Austria |
| 407. | 2021.04.23 | 16:59:58.1 | 47.6860 | 16.0213 | 5.8 | 1.9 | EQ | Austria |
| 408. | 2021.04.23 | 17:03:34.3 | 47.6909 | 16.0262 | 5.7 | 1.5 | EQ | Austria |
| 409. | 2021.04.23 | 17:18:19.4 | 47.6973 | 16.0309 | 8.9 | 1.0 | EQ | Austria |
| 410. | 2021.04.23 | 17:28:21.8 | 47.6962 | 16.0440 | 11.0 | 1.7 | EQ | Austria |
| 411. | 2021.04.23 | 17:36:44.4 | 47.6859 | 16.0273 | 6.7 | 1.9 | EQ | Austria |
| 412. | 2021.04.23 | 18:51:27.8 | 47.6854 | 16.0432 | 10.6 | 1.4 | EQ | Austria |
| 413. | 2021.04.23 | 22:00:33.9 | 47.6926 | 16.0388 | 9.5 | 1.7 | EQ | Austria |
| 414. | 2021.04.24 | 01:48:50.4 | 47.7808 | 16.1726 | 7.7 | 0.7 | EQ | Austria |
| 415. | 2021.04.24 | 08:13:43.9 | 47.6993 | 16.0107 | 7.3 | 2.0 | EQ | Austria |
| 416. | 2021.04.24 | 09:30:52.4 | 47.8151 | 16.2341 | 9.0 | 3.2 | EQ | Austria |
| 417. | 2021.04.24 | 21:28:12.3 | 47.3512 | 18.1461 | 3.0 | 0.2 | EQ | Nagyveleg |
| 418. | 2021.04.25 | 04:12:24.6 | 47.7000 | 16.0486 | 6.8 | 1.6 | EQ | Austria |
| 419. | 2021.04.25 | 22:26:11.1 | 48.3097 | 21.3854 | 3.6 | 2.2 | EQ | Erdőhorváti |
| 420. | 2021.04.26 | 07:43:05.0 | 47.1101 | 17.8854 | 0.0 | 1.3 | EX | Veszprém |
| 421. | 2021.04.26 | 07:59:23.9 | 47.1173 | 17.8733 | 0.0 | 1.4 | EX | Veszprém |
| 422. | 2021.04.26 | 08:06:14.9 | 47.1190 | 18.0050 | 0.0 | 1.4 | EX | Litér |
| 423. | 2021.04.26 | 10:28:47.4 | 47.8650 | 20.1529 | 0.0 | 1.4 | GT | Kisnána |
| 424. | 2021.04.27 | 08:10:41.2 | 47.3897 | 18.3649 | 0.0 | 1.7 | EX | Gánt |
| 425. | 2021.04.27 | 08:35:52.8 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 426. | 2021.04.27 | 10:14:33.0 | 48.4559 | 19.5403 | 0.0 | 1.6 | EX | Slovakia |
| 427. | 2021.04.27 | 11:30:05.4 | 45.5583 | 16.0637 | 0.0 | 2.8 | EQ | Croatia |
| 428. | 2021.04.27 | 17:06:49.0 | 47.7572 | 16.1522 | 9.0 | 1.9 | EQ | Austria |
| 429. | 2021.04.27 | 18:41:41.9 | 47.6960 | 16.0273 | 6.6 | 1.5 | EQ | Austria |
| 430. | 2021.04.28 | 03:36:36.3 | 47.7503 | 16.1438 | 12.2 | 1.1 | EQ | Austria |
| 431. | 2021.04.28 | 07:07:38.8 | 46.8719 | 17.3169 | 0.0 | 1.7 | EX | Várvölgy |
| 432. | 2021.04.28 | 08:35:48.5 | 47.2181 | 18.2391 | 0.0 | - | EX | Csór |
| 433. | 2021.04.28 | 08:52:35.5 | 47.9151 | 19.4088 | 0.0 | 1.9 | GT | Szanda |
| 434. | 2021.04.28 | 09:57:50.3 | 48.5801 | 20.8130 | 0.0 | 1.4 | GT | Dvorniky-Vcelare |
| 435. | 2021.04.29 | 09:09:38.7 | 48.2470 | 21.2460 | 0.0 | 1.9 | GT | Tállya |
| 436. | 2021.04.29 | 17:57:21.3 | 45.8190 | 17.7153 | 16.7 | 1.0 | EQ | Croatia |
| 437. | 2021.04.29 | 23:53:00.8 | 46.1028 | 21.4245 | 15.0 | - | EQ | Romania |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|------------------|
| 438. | 2021.04.30 | 08:37:47.9 | 46.1765 | 18.2926 | 0.0 | 1.3 | GT | Komló |
| 439. | 2021.04.30 | 10:01:19.4 | 47.8132 | 19.1474 | 0.0 | 1.2 | EX | Kosd |
| 440. | 2021.04.30 | 10:11:44.3 | 46.1044 | 18.0437 | 0.0 | 1.8 | EX | Boda |
| 441. | 2021.04.30 | 11:27:40.9 | 47.6865 | 16.0394 | 7.0 | 0.5 | EQ | Austria |
| 442. | 2021.04.30 | 13:22:38.5 | 47.6894 | 16.0317 | 5.8 | 1.4 | EQ | Austria |
| 443. | 2021.04.30 | 16:29:36.2 | 47.6828 | 16.0336 | 7.0 | 0.4 | EQ | Austria |
| 444. | 2021.04.30 | 22:33:28.3 | 47.6894 | 16.0364 | 7.8 | 0.8 | EQ | Austria |
| 445. | 2021.05.01 | 08:55:23.8 | 47.7931 | 16.1944 | 9.0 | 0.3 | EQ | Austria |
| 446. | 2021.05.01 | 11:14:41.9 | 47.7833 | 16.1745 | 14.6 | 1.4 | EQ | Austria |
| 447. | 2021.05.01 | 21:43:57.2 | 45.8385 | 16.0037 | 3.1 | 2.6 | EQ | Croatia |
| 448. | 2021.05.02 | 09:35:19.8 | 47.7662 | 16.1474 | 7.0 | - | EQ | Austria |
| 449. | 2021.05.02 | 13:15:11.5 | 47.7535 | 16.1573 | 9.0 | 1.1 | EQ | Austria |
| 450. | 2021.05.02 | 18:49:35.8 | 47.7749 | 16.1791 | 9.1 | 1.1 | EQ | Austria |
| 451. | 2021.05.03 | 03:52:02.3 | 47.7537 | 16.3011 | 22.4 | 0.6 | EQ | Austria |
| 452. | 2021.05.04 | 07:28:21.8 | 48.4052 | 19.5266 | 0.0 | 1.5 | EX | Slovakia |
| 453. | 2021.05.04 | 07:32:46.3 | 48.1843 | 21.3105 | 0.0 | - | EX | Mád |
| 454. | 2021.05.04 | 10:24:04.7 | 47.3407 | 18.1795 | 3.0 | 1.1 | EQ | Balinka |
| 455. | 2021.05.04 | 15:22:14.7 | 47.6995 | 16.0158 | 5.1 | 1.1 | EQ | Austria |
| 456. | 2021.05.05 | 06:45:38.7 | 47.1130 | 18.0635 | 0.0 | - | EX | Vilonya |
| 457. | 2021.05.05 | 10:47:41.1 | 48.9268 | 19.8685 | 8.3 | 1.3 | EQ | Slovakia |
| 458. | 2021.05.05 | 11:41:04.2 | 47.8650 | 20.1529 | 0.0 | 1.5 | GT | Kisnána |
| 459. | 2021.05.05 | 14:38:10.2 | 47.7939 | 16.1485 | 7.5 | 1.9 | EQ | Austria |
| 460. | 2021.05.05 | 19:32:55.8 | 47.0858 | 17.5676 | 4.5 | 1.8 | EQ | Ajka |
| 461. | 2021.05.06 | 09:00:18.7 | 47.2254 | 18.2862 | 0.0 | 1.0 | EX | Iszkaszentgyörgy |
| 462. | 2021.05.06 | 10:42:47.1 | 47.3688 | 18.3767 | 0.0 | 1.7 | EX | Gánt |
| 463. | 2021.05.08 | 10:03:34.2 | 46.1191 | 17.0452 | 5.0 | 1.9 | EQ | Croatia |
| 464. | 2021.05.08 | 18:34:21.3 | 47.7662 | 16.1979 | 8.8 | 0.7 | EQ | Austria |
| 465. | 2021.05.10 | 07:30:57.8 | 47.0720 | 18.0468 | 0.0 | - | EX | Balatonfűzfő |
| 466. | 2021.05.10 | 09:56:41.9 | 47.3193 | 18.2169 | 0.0 | - | EX | Bodajk |
| 467. | 2021.05.10 | 10:00:21.6 | 48.1276 | 16.9779 | 0.0 | - | EX | Austria |
| 468. | 2021.05.10 | 13:51:52.2 | 47.6114 | 16.3960 | 0.0 | 1.7 | EX | Austria |
| 469. | 2021.05.11 | 00:39:50.5 | 45.6953 | 21.3360 | 15.7 | 1.1 | EQ | Romania |
| 470. | 2021.05.11 | 07:53:52.3 | 47.9292 | 20.0776 | 0.0 | 1.5 | EX | Mátraderecske |
| 471. | 2021.05.11 | 08:25:57.7 | 47.3631 | 18.3870 | 0.0 | 1.6 | EX | Gánt |
| 472. | 2021.05.11 | 08:55:31.7 | 46.1204 | 18.0243 | 0.0 | 1.7 | GT | Bükkösd |
| 473. | 2021.05.11 | 10:12:36.9 | 47.5584 | 18.3832 | 4.4 | 1.3 | EQ | Tatabánya |
| 474. | 2021.05.11 | 13:27:29.7 | 47.8917 | 20.1459 | 0.0 | 1.4 | EX | Kisnána |
| 475. | 2021.05.13 | 21:06:51.8 | 47.4005 | 18.1771 | 7.2 | 1.0 | EQ | Mór |
| 476. | 2021.05.14 | 18:18:49.8 | 48.4509 | 17.6598 | 7.0 | 1.8 | EQ | Slovakia |
| 477. | 2021.05.15 | 08:29:25.9 | 46.1765 | 18.2926 | 0.0 | 1.5 | GT | Komló |
| 478. | 2021.05.15 | 18:19:49.9 | 45.5642 | 16.0479 | 5.0 | 2.2 | EQ | Croatia |
| 479. | 2021.05.16 | 05:40:31.4 | 46.6283 | 22.5149 | 5.6 | 1.6 | EQ | Romania |
| 480. | 2021.05.17 | 06:01:57.2 | 47.2685 | 17.6349 | 0.0 | 1.3 | EX | Homokbödöge |
| 481. | 2021.05.17 | 07:19:52.2 | 48.2470 | 21.2460 | 0.0 | 1.9 | GT | Tállya |
| 482. | 2021.05.18 | 08:26:49.6 | 47.0901 | 18.0107 | 0.0 | 1.8 | EX | Litér |
| 483. | 2021.05.18 | 21:11:50.8 | 45.8872 | 16.0091 | 2.2 | 2.1 | EQ | Croatia |
| 484. | 2021.05.19 | 06:27:02.2 | 47.3300 | 17.6350 | 0.0 | - | GT | Ugod |
| 485. | 2021.05.19 | 09:36:54.0 | 48.2470 | 21.2460 | 0.0 | 1.8 | GT | Tállya |
| 486. | 2021.05.19 | 12:39:08.1 | 47.9160 | 20.1730 | 0.0 | 1.5 | EX | Sirok |
| 487. | 2021.05.20 | 09:19:46.1 | 46.0955 | 18.0508 | 0.0 | 1.5 | EX | Boda |
| 488. | 2021.05.21 | 07:18:32.8 | 47.2248 | 18.2568 | 0.0 | 0.8 | EX | Csór |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|------------------|
| 489. | 2021.05.21 | 15:11:48.3 | 47.9143 | 16.7737 | 8.4 | 2.6 | EQ | Austria |
| 490. | 2021.05.23 | 13:21:44.5 | 48.7373 | 22.3372 | 5.9 | - | EQ | Ukraine |
| 491. | 2021.05.24 | 01:48:11.0 | 47.3873 | 18.1911 | 4.6 | 0.2 | EQ | Mór |
| 492. | 2021.05.26 | 11:37:12.0 | 47.8599 | 19.8205 | 0.0 | 1.8 | EX | Gyöngyöspata |
| 493. | 2021.05.26 | 23:50:23.3 | 47.7712 | 16.1641 | 12.3 | 1.7 | EQ | Austria |
| 494. | 2021.05.27 | 08:55:47.4 | 47.3568 | 18.3714 | 0.0 | 1.2 | EX | Csákberény |
| 495. | 2021.05.27 | 08:57:58.5 | 47.3737 | 18.3682 | 0.0 | 1.5 | EX | Gánt |
| 496. | 2021.05.27 | 12:22:43.0 | 48.2470 | 21.2460 | 0.0 | 1.8 | GT | Tállya |
| 497. | 2021.05.28 | 02:47:31.1 | 45.5770 | 16.0806 | 0.2 | 1.5 | EQ | Croatia |
| 498. | 2021.05.28 | 03:52:41.3 | 47.8510 | 16.2691 | 11.0 | 1.5 | EQ | Austria |
| 499. | 2021.05.28 | 06:52:22.7 | 47.9368 | 20.0655 | 0.0 | 1.6 | EX | Mátraderecske |
| 500. | 2021.05.28 | 08:10:08.0 | 47.2282 | 18.2279 | 0.0 | - | EX | Bakonykúti |
| 501. | 2021.05.28 | 09:09:29.0 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 502. | 2021.05.29 | 09:14:48.8 | 46.1366 | 18.3047 | 0.0 | - | EX | Hosszúhetény |
| 503. | 2021.05.29 | 20:35:40.2 | 47.8042 | 16.2174 | 9.0 | - | EQ | Austria |
| 504. | 2021.05.31 | 00:06:34.4 | 47.7003 | 16.1200 | 4.7 | 1.1 | EQ | Austria |
| 505. | 2021.05.31 | 08:12:31.6 | 47.7102 | 16.3998 | 0.0 | 1.1 | EX | Austria |
| 506. | 2021.05.31 | 19:20:13.7 | 47.8695 | 16.2925 | 3.3 | 1.9 | EQ | Austria |
| 507. | 2021.06.01 | 07:41:16.8 | 47.4262 | 18.3769 | 0.0 | 1.5 | EX | Gánt |
| 508. | 2021.06.01 | 08:44:36.9 | 47.8197 | 19.1269 | 0.0 | 1.4 | EX | Kosd |
| 509. | 2021.06.01 | 09:54:28.7 | 47.0742 | 18.0350 | 0.0 | 1.6 | EX | Balatonfűzfő |
| 510. | 2021.06.02 | 07:56:34.0 | 47.0898 | 18.0162 | 0.0 | 1.4 | EX | Litér |
| 511. | 2021.06.02 | 08:46:21.1 | 48.6221 | 21.3316 | 0.0 | 1.6 | EX | Slovakia |
| 512. | 2021.06.02 | 09:36:18.8 | 48.6080 | 20.7458 | 0.0 | 1.1 | EX | Slovakia |
| 513. | 2021.06.03 | 05:32:17.0 | 47.3167 | 18.3081 | 0.0 | 1.5 | GT | Magyaralmás |
| 514. | 2021.06.03 | 07:22:41.7 | 46.4089 | 18.9812 | 5.3 | 1.3 | EQ | Dusnok |
| 515. | 2021.06.04 | 07:16:55.0 | 46.8712 | 22.3173 | 0.0 | 1.4 | EX | Romania |
| 516. | 2021.06.04 | 07:22:52.5 | 47.9767 | 20.3679 | 0.0 | 1.2 | GT | Eger-III. |
| 517. | 2021.06.04 | 08:41:16.1 | 48.5239 | 17.4543 | 0.0 | - | EX | Slovakia |
| 518. | 2021.06.04 | 11:06:23.9 | 48.0374 | 19.6238 | 0.0 | 1.5 | EX | Nógrádmegyer |
| 519. | 2021.06.04 | 11:14:40.2 | 48.3807 | 18.2349 | 0.0 | - | EX | Slovakia |
| 520. | 2021.06.04 | 14:48:31.9 | 47.6901 | 19.7624 | 0.0 | 1.5 | EX | Hort |
| 521. | 2021.06.07 | 11:02:16.2 | 48.9553 | 21.2380 | 0.0 | 1.5 | EX | Slovakia |
| 522. | 2021.06.07 | 17:54:12.6 | 47.6474 | 16.3517 | 8.5 | 0.8 | EQ | Austria |
| 523. | 2021.06.08 | 07:01:05.7 | 47.8920 | 19.4049 | 0.0 | 1.5 | GT | Bercel |
| 524. | 2021.06.08 | 07:57:45.6 | 47.3766 | 18.4152 | 0.0 | 1.5 | EX | Gánt |
| 525. | 2021.06.08 | 09:14:52.0 | 46.1204 | 18.0243 | 0.0 | - | GT | Bükkösd |
| 526. | 2021.06.08 | 10:18:14.6 | 48.7397 | 21.0490 | 0.0 | 1.4 | EX | Slovakia |
| 527. | 2021.06.08 | 14:22:45.0 | 45.5097 | 16.0769 | 6.7 | 3.2 | EQ | Croatia |
| 528. | 2021.06.09 | 05:53:53.1 | 47.3167 | 18.3081 | 0.0 | 1.7 | GT | Magyaralmás |
| 529. | 2021.06.09 | 08:46:04.4 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 530. | 2021.06.09 | 09:12:16.0 | 48.2434 | 21.2364 | 0.0 | 2.2 | EX | Tállya |
| 531. | 2021.06.10 | 07:14:21.0 | 47.6925 | 18.5755 | 0.0 | 1.8 | EX | Nagysáp |
| 532. | 2021.06.10 | 09:40:28.0 | 46.9314 | 22.3108 | 0.0 | 1.4 | EX | Romania |
| 533. | 2021.06.10 | 09:51:01.5 | 47.2302 | 18.2835 | 0.0 | 1.3 | GT | Iszkaszentgyörgy |
| 534. | 2021.06.10 | 14:48:14.9 | 47.3068 | 18.0998 | 8.1 | 0.9 | EQ | Bakonycsernye |
| 535. | 2021.06.11 | 10:00:24.7 | 47.8650 | 20.1529 | 0.0 | 1.3 | GT | Kisnána |
| 536. | 2021.06.12 | 05:10:03.3 | 47.4661 | 18.5050 | 0.0 | 0.7 | EX | Szár |
| 537. | 2021.06.12 | 08:41:46.9 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 538. | 2021.06.13 | 00:47:50.6 | 47.7562 | 16.1673 | 10.7 | 0.8 | EQ | Austria |
| 539. | 2021.06.14 | 06:37:19.9 | 47.3300 | 17.6350 | 0.0 | 1.5 | GT | Ugod |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 540. | 2021.06.14 | 09:10:05.5 | 47.2302 | 18.2835 | 0.0 | - | GT | Iszkaszentgyörgy |
| 541. | 2021.06.14 | 22:35:30.1 | 48.0447 | 20.6218 | 5.0 | 0.9 | EQ | Bükkszentkereszt |
| 542. | 2021.06.15 | 08:40:16.2 | 47.3595 | 18.3937 | 0.0 | 1.3 | EX | Gánt |
| 543. | 2021.06.16 | 07:29:05.3 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 544. | 2021.06.16 | 07:41:56.0 | 48.3933 | 21.3267 | 0.0 | 1.3 | EX | Regéc |
| 545. | 2021.06.16 | 08:38:38.3 | 47.3223 | 17.6286 | 0.0 | 1.4 | EX | Ugod |
| 546. | 2021.06.16 | 09:35:42.0 | 47.3008 | 18.2384 | 0.0 | - | EX | Fehérvárcsurgó |
| 547. | 2021.06.16 | 10:24:17.0 | 47.8215 | 19.8368 | 0.0 | 1.4 | EX | Gyöngyöstarján |
| 548. | 2021.06.16 | 23:35:43.9 | 46.8210 | 18.1997 | 10.4 | 2.0 | EQ | Nagyberény |
| 549. | 2021.06.17 | 08:16:36.5 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 550. | 2021.06.17 | 09:30:52.8 | 46.9585 | 22.2881 | 0.0 | 1.8 | EX | Romania |
| 551. | 2021.06.17 | 09:37:18.7 | 47.3209 | 18.2082 | 0.0 | 0.6 | EX | Balinka |
| 552. | 2021.06.18 | 06:34:36.3 | 48.0750 | 20.6990 | 0.0 | 1.3 | GT | Miskolc-Mexikóvölgy |
| 553. | 2021.06.18 | 07:19:42.0 | 47.1094 | 18.0323 | 0.0 | 1.5 | EX | Királyszentistván |
| 554. | 2021.06.19 | 16:57:56.0 | 47.9523 | 20.2884 | 10.0 | - | EQ | Egerbakta |
| 555. | 2021.06.19 | 17:02:20.0 | 47.9050 | 20.2956 | 5.0 | 1.0 | EQ | Egerszólát |
| 556. | 2021.06.19 | 18:04:30.7 | 48.5588 | 17.5535 | 4.6 | 1.5 | EQ | Slovakia |
| 557. | 2021.06.21 | 08:42:02.4 | 48.2470 | 21.2460 | 0.0 | 2.0 | GT | Tállya |
| 558. | 2021.06.21 | 19:38:02.7 | 47.5913 | 16.3299 | 1.3 | 1.5 | EQ | Austria |
| 559. | 2021.06.22 | 07:19:34.5 | 47.3000 | 17.6698 | 0.0 | 1.7 | EX | Bakonykoppány |
| 560. | 2021.06.22 | 08:59:09.1 | 46.1522 | 21.5081 | 13.8 | 2.0 | EQ | Romania |
| 561. | 2021.06.22 | 09:00:47.1 | 47.3091 | 18.2324 | 0.0 | 0.7 | EX | Bodajk |
| 562. | 2021.06.22 | 09:04:23.5 | 47.7180 | 18.7130 | 0.0 | 1.6 | GT | Dorog |
| 563. | 2021.06.22 | 09:27:28.0 | 47.3639 | 18.3935 | 0.0 | 1.4 | EX | Gánt |
| 564. | 2021.06.22 | 10:59:56.2 | 48.1429 | 18.9330 | 0.0 | 1.5 | EX | Slovakia |
| 565. | 2021.06.22 | 12:00:57.8 | 47.8402 | 16.0590 | 0.0 | 1.2 | EX | Austria |
| 566. | 2021.06.22 | 15:30:44.7 | 47.5894 | 16.3438 | 0.0 | 0.9 | EX | Austria |
| 567. | 2021.06.23 | 06:25:16.2 | 47.9191 | 20.0694 | 0.0 | 1.2 | EX | Parád |
| 568. | 2021.06.23 | 07:24:45.8 | 48.3838 | 19.0386 | 0.0 | - | EX | Slovakia |
| 569. | 2021.06.23 | 07:28:58.0 | 48.5132 | 17.4673 | 0.0 | - | EX | Slovakia |
| 570. | 2021.06.23 | 08:26:28.1 | 47.8650 | 20.1529 | 0.0 | - | GT | Kisnána |
| 571. | 2021.06.23 | 08:34:54.1 | 48.4902 | 20.6973 | 0.0 | 1.2 | EX | Perkupa |
| 572. | 2021.06.23 | 11:15:04.4 | 48.2835 | 17.3498 | 0.0 | - | EX | Slovakia |
| 573. | 2021.06.24 | 09:02:16.7 | 47.2302 | 18.2835 | 0.0 | 1.0 | GT | Iszkaszentgyörgy |
| 574. | 2021.06.24 | 09:17:50.7 | 48.2470 | 21.2460 | 0.0 | 1.5 | GT | Tállya |
| 575. | 2021.06.24 | 18:57:35.7 | 45.6728 | 21.3135 | 12.0 | - | EQ | Romania |
| 576. | 2021.06.25 | 00:52:36.3 | 48.0183 | 16.5534 | 8.0 | 1.3 | EQ | Austria |
| 577. | 2021.06.25 | 07:15:04.8 | 47.9366 | 20.0563 | 0.0 | 1.7 | EX | Parád |
| 578. | 2021.06.25 | 07:56:15.4 | 46.1204 | 18.0243 | 0.0 | 1.9 | GT | Bükkösd |
| 579. | 2021.06.25 | 08:02:07.4 | 47.4935 | 18.7191 | 0.0 | 1.7 | EX | Herceghalom |
| 580. | 2021.06.25 | 09:55:35.7 | 48.5431 | 20.7403 | 0.0 | 1.2 | EX | Bódvaszilas |
| 581. | 2021.06.25 | 15:52:16.1 | 47.5930 | 16.3787 | 0.0 | 1.1 | EX | Austria |
| 582. | 2021.06.28 | 00:30:55.4 | 46.0613 | 17.0393 | 12.0 | 1.3 | EQ | Croatia |
| 583. | 2021.06.28 | 07:32:29.2 | 46.9107 | 22.7642 | 0.0 | 1.6 | EX | Romania |
| 584. | 2021.06.28 | 07:48:24.4 | 47.0948 | 18.0356 | 0.0 | 1.5 | EX | Királyszentistván |
| 585. | 2021.06.28 | 08:42:26.0 | 48.0750 | 20.6990 | 0.0 | 1.1 | GT | Miskolc-Mexikóvölgy |
| 586. | 2021.06.28 | 09:00:53.0 | 48.9689 | 19.6967 | 4.1 | 1.6 | EQ | Slovakia |
| 587. | 2021.06.28 | 09:06:41.1 | 48.4799 | 20.8101 | 0.0 | - | EX | Tornabarakony |
| 588. | 2021.06.28 | 09:11:34.8 | 48.4183 | 17.3224 | 0.0 | 1.6 | EX | Slovakia |
| 589. | 2021.06.28 | 09:52:01.0 | 47.8355 | 19.1270 | 0.0 | 1.6 | GT | Sejce-Vác |
| 590. | 2021.06.28 | 10:00:36.4 | 48.1924 | 16.9353 | 0.0 | - | EX | Austria |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 591. | 2021.06.28 | 12:28:35.4 | 47.5872 | 16.3763 | 0.0 | 1.5 | EX | Austria |
| 592. | 2021.06.28 | 13:36:13.8 | 47.8877 | 16.0865 | 0.0 | 1.3 | EX | Austria |
| 593. | 2021.06.28 | 14:31:00.1 | 46.8964 | 22.8039 | 0.0 | - | EX | Romania |
| 594. | 2021.06.28 | 16:45:47.3 | 47.6564 | 16.3642 | 0.0 | 1.3 | EX | Austria |
| 595. | 2021.06.28 | 23:15:31.7 | 47.4192 | 18.1913 | 4.3 | 0.6 | EQ | Pusztavám |
| 596. | 2021.06.29 | 06:54:41.6 | 47.9151 | 19.4088 | 0.0 | 1.9 | GT | Szanda |
| 597. | 2021.06.29 | 07:18:36.4 | 47.9767 | 20.3679 | 0.0 | 1.1 | GT | Eger-III. |
| 598. | 2021.06.29 | 07:59:00.9 | 46.0603 | 22.8374 | 0.0 | 1.7 | EX | Romania |
| 599. | 2021.06.29 | 08:12:14.4 | 46.8885 | 17.3278 | 0.0 | 1.7 | EX | Uzsa |
| 600. | 2021.06.29 | 08:42:44.8 | 47.0567 | 22.2630 | 0.0 | 2.0 | EX | Romania |
| 601. | 2021.06.29 | 09:01:38.3 | 47.2302 | 18.2835 | 0.0 | 1.2 | GT | Iszkaszentgyörgy |
| 602. | 2021.06.29 | 09:19:51.8 | 48.9023 | 20.9760 | 0.0 | 1.7 | EX | Slovakia |
| 603. | 2021.06.29 | 13:36:34.0 | 47.8823 | 16.0876 | 0.0 | - | EX | Austria |
| 604. | 2021.06.30 | 07:59:07.8 | 47.4302 | 18.7194 | 0.0 | 1.6 | EX | Etyek |
| 605. | 2021.06.30 | 08:06:43.5 | 46.2984 | 21.8383 | 0.0 | 1.5 | EX | Romania |
| 606. | 2021.06.30 | 08:20:47.1 | 46.1207 | 18.1081 | 0.0 | - | EX | Abaliget |
| 607. | 2021.06.30 | 09:08:15.6 | 47.9149 | 18.9571 | 0.0 | 1.5 | EX | Kóspallag |
| 608. | 2021.06.30 | 09:21:04.6 | 48.4053 | 18.4848 | 0.0 | 1.6 | EX | Slovakia |
| 609. | 2021.06.30 | 10:26:22.3 | 47.8650 | 20.1529 | 0.0 | 1.5 | GT | Kisnána |
| 610. | 2021.06.30 | 10:44:41.6 | 46.9443 | 17.5446 | 0.0 | 2.1 | EX | Monostorapáti |
| 611. | 2021.07.01 | 07:52:35.6 | 47.8355 | 19.1270 | 0.0 | 1.5 | GT | Sejce-Vác |
| 612. | 2021.07.01 | 08:41:38.8 | 46.1167 | 21.6708 | 0.0 | 1.6 | EX | Romania |
| 613. | 2021.07.01 | 08:44:42.7 | 48.2470 | 21.2460 | 0.0 | 1.8 | GT | Tállya |
| 614. | 2021.07.01 | 08:46:38.5 | 48.5061 | 20.7772 | 0.0 | 1.3 | EX | Tornaszentandrás |
| 615. | 2021.07.01 | 09:05:37.2 | 48.4470 | 20.7870 | 0.0 | 1.1 | GT | Meszés |
| 616. | 2021.07.01 | 09:40:01.8 | 48.6337 | 19.6045 | 3.9 | 1.8 | EQ | Slovakia |
| 617. | 2021.07.01 | 16:05:36.2 | 47.5888 | 16.3567 | 0.0 | 0.8 | EX | Austria |
| 618. | 2021.07.01 | 17:31:28.7 | 47.8222 | 16.2259 | 8.9 | 1.7 | EQ | Austria |
| 619. | 2021.07.01 | 19:29:35.5 | 48.6327 | 19.6108 | 0.0 | 1.3 | EQ | Slovakia |
| 620. | 2021.07.02 | 04:20:47.4 | 48.9953 | 20.8425 | 10.0 | 2.8 | EQ | Slovakia |
| 621. | 2021.07.02 | 08:00:06.4 | 48.5514 | 20.7915 | 0.0 | 1.0 | EX | Tornanádaska |
| 622. | 2021.07.02 | 08:05:51.3 | 47.8590 | 19.8609 | 0.0 | 1.9 | EX | Gyöngyösoroszi |
| 623. | 2021.07.02 | 08:52:19.5 | 48.4941 | 19.3231 | 0.0 | 1.7 | EX | Slovakia |
| 624. | 2021.07.02 | 10:47:25.1 | 48.5378 | 20.4086 | 0.0 | 1.0 | EX | Slovakia |
| 625. | 2021.07.02 | 11:11:53.4 | 46.8564 | 22.3550 | 0.0 | - | EX | Romania |
| 626. | 2021.07.02 | 15:08:26.6 | 47.5883 | 16.3640 | 0.0 | 1.0 | EX | Austria |
| 627. | 2021.07.04 | 22:58:29.6 | 47.8573 | 20.5092 | 18.1 | 1.0 | EQ | Novaj |
| 628. | 2021.07.05 | 06:57:17.4 | 47.9481 | 20.0702 | 0.0 | 1.8 | EX | Mátraderecske |
| 629. | 2021.07.05 | 07:50:48.6 | 48.0750 | 20.6990 | 0.0 | 1.3 | GT | Miskolc-Mexikóvölgy |
| 630. | 2021.07.05 | 07:56:14.6 | 46.9147 | 22.7593 | 0.0 | - | EX | Romania |
| 631. | 2021.07.05 | 12:35:30.0 | 46.8156 | 22.8043 | 0.0 | 1.7 | EX | Romania |
| 632. | 2021.07.05 | 16:55:48.2 | 47.5795 | 16.4132 | 0.0 | 1.2 | EX | Austria |
| 633. | 2021.07.06 | 07:09:05.7 | 47.9767 | 20.3679 | 0.0 | 1.1 | GT | Eger-III. |
| 634. | 2021.07.06 | 07:47:56.8 | 47.2380 | 18.2598 | 0.0 | 1.4 | EX | Iszkaszentgyörgy |
| 635. | 2021.07.06 | 08:19:45.5 | 48.6073 | 20.7425 | 0.0 | 1.2 | EX | Slovakia |
| 636. | 2021.07.06 | 09:44:34.8 | 46.0401 | 18.2971 | 0.0 | 1.2 | EX | Kozármisleny |
| 637. | 2021.07.06 | 09:46:27.8 | 48.3857 | 17.3186 | 0.0 | 1.5 | EX | Slovakia |
| 638. | 2021.07.06 | 10:05:15.1 | 48.9973 | 21.2757 | 0.0 | 1.6 | EX | Slovakia |
| 639. | 2021.07.06 | 10:23:59.1 | 46.0954 | 22.0562 | 0.0 | 1.5 | EX | Romania |
| 640. | 2021.07.06 | 10:46:28.2 | 47.3854 | 18.3220 | 0.0 | 1.6 | EX | Csákberény |
| 641. | 2021.07.06 | 11:24:44.0 | 47.3738 | 18.3883 | 0.0 | 1.1 | EX | Gánt |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 642. | 2021.07.06 | 13:38:53.0 | 47.9029 | 16.0737 | 0.0 | - | EX | Austria |
| 643. | 2021.07.06 | 15:41:03.2 | 47.5965 | 16.3652 | 0.0 | - | EX | Austria |
| 644. | 2021.07.07 | 06:23:34.5 | 47.0403 | 17.9664 | 0.0 | 1.6 | EX | Szentkirályszabadja |
| 645. | 2021.07.07 | 06:55:21.8 | 48.1346 | 21.2677 | 0.0 | 1.2 | EX | Mezőzombor |
| 646. | 2021.07.07 | 07:47:53.4 | 46.9850 | 17.3108 | 0.0 | 1.8 | EX | Sümege |
| 647. | 2021.07.07 | 08:27:50.6 | 48.5007 | 17.5041 | 0.0 | 1.5 | EX | Slovakia |
| 648. | 2021.07.07 | 08:57:10.9 | 48.4914 | 17.5067 | 0.0 | - | EX | Slovakia |
| 649. | 2021.07.07 | 09:00:47.7 | 47.2244 | 18.2706 | 0.0 | 1.0 | EX | Csór |
| 650. | 2021.07.07 | 09:14:43.5 | 48.5564 | 20.7769 | 0.0 | 1.5 | EX | Tornanádaska |
| 651. | 2021.07.07 | 09:17:05.6 | 46.0792 | 22.0431 | 0.0 | 1.1 | EX | Romania |
| 652. | 2021.07.07 | 09:37:53.8 | 46.0311 | 22.8268 | 0.0 | 1.5 | EX | Romania |
| 653. | 2021.07.07 | 11:56:27.5 | 47.8650 | 20.1529 | 0.0 | 1.4 | GT | Kisnána |
| 654. | 2021.07.07 | 16:12:11.2 | 47.6120 | 16.3843 | 0.0 | 1.0 | EX | Austria |
| 655. | 2021.07.08 | 06:10:03.1 | 47.3167 | 18.3081 | 0.0 | - | GT | Magyaralmás |
| 656. | 2021.07.08 | 07:27:21.9 | 48.6172 | 18.5456 | 0.0 | 1.7 | EX | Slovakia |
| 657. | 2021.07.08 | 07:34:47.2 | 47.9553 | 16.6705 | 0.0 | - | EX | Austria |
| 658. | 2021.07.08 | 07:50:04.0 | 46.1204 | 18.0243 | 0.0 | 1.9 | GT | Bükkösd |
| 659. | 2021.07.08 | 08:14:56.5 | 46.7801 | 22.7743 | 0.0 | - | EX | Romania |
| 660. | 2021.07.08 | 10:01:22.8 | 47.8899 | 16.4801 | 0.0 | 1.0 | EX | Austria |
| 661. | 2021.07.08 | 15:33:44.0 | 47.5881 | 16.3512 | 0.0 | 0.6 | EX | Austria |
| 662. | 2021.07.09 | 06:17:28.4 | 46.8251 | 22.8301 | 0.0 | - | EX | Romania |
| 663. | 2021.07.09 | 07:21:46.4 | 48.4277 | 21.2340 | 0.0 | 0.9 | EX | Vilmány |
| 664. | 2021.07.09 | 08:04:14.0 | 48.4799 | 19.3523 | 0.0 | 1.8 | EX | Slovakia |
| 665. | 2021.07.09 | 08:09:28.2 | 48.5283 | 20.8418 | 0.0 | 1.5 | EX | Becskeháza |
| 666. | 2021.07.09 | 09:01:54.9 | 48.2470 | 21.2460 | 0.0 | - | GT | Tállya |
| 667. | 2021.07.09 | 09:35:07.6 | 46.9416 | 22.3334 | 0.0 | 1.3 | EX | Romania |
| 668. | 2021.07.09 | 09:54:52.1 | 47.7969 | 19.1493 | 0.0 | 1.6 | EX | Kosd |
| 669. | 2021.07.10 | 13:17:12.1 | 47.5913 | 16.3947 | 0.0 | 1.0 | EX | Austria |
| 670. | 2021.07.12 | 08:46:04.2 | 47.8943 | 16.1112 | 0.0 | - | EX | Austria |
| 671. | 2021.07.12 | 09:05:11.1 | 48.5316 | 20.8285 | 0.0 | 1.1 | EX | Becskeháza |
| 672. | 2021.07.12 | 09:08:08.2 | 48.8137 | 16.2484 | 0.0 | 1.6 | EX | Czech |
| 673. | 2021.07.12 | 09:29:37.3 | 48.4354 | 20.8147 | 0.0 | 1.4 | EX | Meszies |
| 674. | 2021.07.12 | 10:16:10.2 | 48.7871 | 21.1410 | 0.0 | 1.4 | EX | Slovakia |
| 675. | 2021.07.12 | 11:18:37.7 | 48.3290 | 19.8563 | 0.0 | 1.5 | EX | Slovakia |
| 676. | 2021.07.12 | 13:21:53.3 | 45.8867 | 22.7341 | 10.4 | 1.9 | EQ | Romania |
| 677. | 2021.07.12 | 16:03:40.4 | 47.5806 | 16.4205 | 0.0 | - | EX | Austria |
| 678. | 2021.07.13 | 07:57:44.3 | 48.5234 | 20.8187 | 0.0 | 0.9 | EX | Becskeháza |
| 679. | 2021.07.13 | 08:31:41.6 | 48.5926 | 20.8548 | 0.0 | 1.2 | EX | Slovakia |
| 680. | 2021.07.13 | 10:00:57.1 | 48.1370 | 16.9319 | 0.0 | - | EX | Austria |
| 681. | 2021.07.13 | 11:12:59.3 | 47.8745 | 16.0903 | 0.0 | - | EX | Austria |
| 682. | 2021.07.14 | 07:10:27.0 | 46.1167 | 18.0313 | 0.0 | 1.5 | EX | Hetvehely |
| 683. | 2021.07.14 | 08:08:48.9 | 48.5607 | 20.8378 | 0.0 | 1.1 | EX | Slovakia |
| 684. | 2021.07.14 | 09:37:27.5 | 48.7629 | 21.1430 | 0.0 | 1.9 | EX | Slovakia |
| 685. | 2021.07.14 | 10:40:21.3 | 47.9146 | 16.0616 | 0.0 | - | EX | Austria |
| 686. | 2021.07.14 | 10:48:13.9 | 48.4070 | 19.5577 | 0.0 | 1.5 | EX | Slovakia |
| 687. | 2021.07.14 | 11:20:05.3 | 47.8691 | 16.0680 | 0.0 | - | EX | Austria |
| 688. | 2021.07.15 | 06:57:00.1 | 46.7752 | 22.7691 | 0.0 | 1.8 | EX | Romania |
| 689. | 2021.07.15 | 07:14:19.5 | 48.9477 | 20.7042 | 0.0 | - | EX | Slovakia |
| 690. | 2021.07.15 | 07:43:14.4 | 47.3182 | 18.3721 | 0.0 | - | EX | Zámoly |
| 691. | 2021.07.15 | 08:34:51.2 | 48.5389 | 20.8242 | 0.0 | 1.4 | EX | Becskeháza |
| 692. | 2021.07.15 | 09:14:55.1 | 48.4051 | 17.2909 | 0.0 | 1.5 | EX | Slovakia |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 693. | 2021.07.15 | 12:32:56.5 | 47.8589 | 16.0643 | 0.0 | 0.5 | EX | Austria |
| 694. | 2021.07.15 | 12:54:13.0 | 48.2470 | 21.2460 | 0.0 | 2.0 | GT | Tállya |
| 695. | 2021.07.16 | 02:20:27.2 | 47.4244 | 18.3138 | 6.2 | 0.9 | EQ | Pusztavám |
| 696. | 2021.07.16 | 07:12:25.2 | 47.6944 | 18.4928 | 0.0 | 1.7 | EX | Tardos |
| 697. | 2021.07.16 | 08:09:20.7 | 48.8171 | 16.1917 | 0.0 | 1.7 | EX | Czech |
| 698. | 2021.07.16 | 09:43:37.5 | 46.7830 | 22.7778 | 0.0 | - | EX | Romania |
| 699. | 2021.07.16 | 09:53:37.4 | 48.5402 | 20.8050 | 0.0 | 1.3 | EX | Bódvalenke |
| 700. | 2021.07.17 | 08:05:09.7 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 701. | 2021.07.17 | 10:43:17.3 | 47.5936 | 16.3766 | 0.0 | 1.2 | EX | Austria |
| 702. | 2021.07.19 | 08:54:38.8 | 48.2949 | 18.5382 | 0.0 | 1.6 | EX | Slovakia |
| 703. | 2021.07.19 | 09:28:19.1 | 48.7950 | 21.1638 | 0.0 | 1.5 | EX | Slovakia |
| 704. | 2021.07.19 | 10:00:50.3 | 48.1815 | 17.0128 | 0.0 | - | EX | Slovakia |
| 705. | 2021.07.20 | 06:13:03.5 | 47.3778 | 18.4155 | 0.0 | 1.3 | EX | Gánt |
| 706. | 2021.07.20 | 07:13:09.0 | 48.0750 | 20.6990 | 0.0 | 1.6 | GT | Miskolc-Mexikóvölgy |
| 707. | 2021.07.20 | 07:35:16.1 | 48.7114 | 18.6810 | 0.0 | 1.9 | EX | Slovakia |
| 708. | 2021.07.20 | 07:52:54.2 | 46.8705 | 17.3055 | 0.0 | 1.8 | EX | Várköly |
| 709. | 2021.07.20 | 08:50:24.5 | 47.9767 | 20.3679 | 0.0 | - | GT | Eger-III. |
| 710. | 2021.07.20 | 09:27:48.9 | 48.4935 | 20.8020 | 0.0 | 1.5 | EX | Tornabarakony |
| 711. | 2021.07.20 | 09:59:37.7 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 712. | 2021.07.20 | 10:48:47.2 | 48.7134 | 21.5348 | 0.0 | 1.6 | EX | Slovakia |
| 713. | 2021.07.20 | 11:14:50.5 | 47.8552 | 16.0563 | 0.0 | - | EX | Austria |
| 714. | 2021.07.20 | 17:15:30.6 | 47.7771 | 16.1742 | 11.2 | 1.4 | EQ | Austria |
| 715. | 2021.07.20 | 18:36:11.3 | 47.5703 | 16.3605 | 0.0 | 1.3 | EX | Austria |
| 716. | 2021.07.21 | 00:35:49.2 | 48.2436 | 16.7492 | 11.0 | 1.5 | EQ | Austria |
| 717. | 2021.07.21 | 05:51:15.8 | 47.3167 | 18.3081 | 0.0 | 1.7 | GT | Magyaralmás |
| 718. | 2021.07.21 | 07:26:52.1 | 46.1172 | 22.8478 | 0.0 | - | EX | Romania |
| 719. | 2021.07.21 | 07:50:40.6 | 46.8548 | 17.2699 | 0.0 | 1.9 | GT | Várköly |
| 720. | 2021.07.21 | 08:50:34.2 | 48.9670 | 18.3170 | 0.0 | 1.5 | EX | Slovakia |
| 721. | 2021.07.21 | 10:40:57.2 | 48.4929 | 20.7776 | 0.0 | 1.3 | EX | Martonyi |
| 722. | 2021.07.21 | 22:38:58.1 | 48.2427 | 16.7634 | 11.0 | - | EQ | Austria |
| 723. | 2021.07.22 | 06:59:30.1 | 48.4004 | 19.5349 | 0.0 | 1.4 | EX | Slovakia |
| 724. | 2021.07.22 | 07:17:55.0 | 48.2470 | 21.2460 | 0.0 | 1.9 | GT | Tállya |
| 725. | 2021.07.22 | 08:43:14.6 | 48.4947 | 20.7157 | 0.0 | 1.2 | EX | Bódvarákó |
| 726. | 2021.07.22 | 08:47:10.6 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 727. | 2021.07.22 | 11:11:00.3 | 47.5713 | 18.4839 | 0.0 | 1.2 | EX | Tarján |
| 728. | 2021.07.23 | 08:59:26.6 | 48.4154 | 17.2623 | 0.0 | 1.5 | EX | Slovakia |
| 729. | 2021.07.23 | 09:04:50.3 | 48.5420 | 20.7996 | 0.0 | 1.4 | EX | Bódvalenke |
| 730. | 2021.07.23 | 11:00:58.5 | 47.9209 | 16.1190 | 0.0 | 0.8 | EX | Austria |
| 731. | 2021.07.23 | 11:26:59.6 | 46.5050 | 16.9408 | 6.3 | 1.7 | EQ | Hosszúvölgy |
| 732. | 2021.07.24 | 07:57:38.1 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 733. | 2021.07.24 | 09:43:35.1 | 46.0053 | 22.7232 | 0.0 | 1.7 | EX | Romania |
| 734. | 2021.07.24 | 10:49:07.3 | 45.9633 | 22.7043 | 0.0 | 1.6 | EX | Romania |
| 735. | 2021.07.24 | 18:35:11.9 | 47.3971 | 18.1886 | 5.0 | 1.2 | EQ | Mór |
| 736. | 2021.07.26 | 09:21:15.1 | 48.5341 | 20.8190 | 0.0 | 1.5 | EX | Becskeháza |
| 737. | 2021.07.26 | 11:01:49.2 | 48.7743 | 18.0762 | 0.0 | 1.2 | EX | Slovakia |
| 738. | 2021.07.26 | 13:31:41.8 | 47.6088 | 16.4196 | 0.0 | 1.4 | EX | Austria |
| 739. | 2021.07.27 | 07:19:39.5 | 47.3586 | 18.4204 | 0.0 | 1.8 | EX | Gánt |
| 740. | 2021.07.27 | 08:30:03.9 | 48.4684 | 17.6048 | 0.0 | 1.5 | EX | Slovakia |
| 741. | 2021.07.27 | 08:34:03.9 | 46.1080 | 22.8058 | 0.0 | 1.6 | EX | Romania |
| 742. | 2021.07.27 | 09:03:17.3 | 48.3894 | 20.6579 | 0.0 | 1.3 | EX | Szuhogy |
| 743. | 2021.07.27 | 09:21:00.3 | 47.9746 | 16.0054 | 0.0 | 1.2 | EX | Austria |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 744. | 2021.07.27 | 09:57:42.9 | 46.1301 | 18.1159 | 0.0 | - | EX | Abaliget |
| 745. | 2021.07.27 | 11:01:07.7 | 48.2470 | 21.2460 | 0.0 | 2.1 | GT | Tállya |
| 746. | 2021.07.28 | 06:54:34.5 | 48.0750 | 20.6990 | 0.0 | 1.1 | GT | Miskolc-Mexikóvölgy |
| 747. | 2021.07.28 | 07:45:41.6 | 48.5180 | 20.8035 | 0.0 | - | EX | Tornaszentandrás |
| 748. | 2021.07.28 | 10:01:18.6 | 48.1464 | 16.9424 | 0.0 | 1.4 | EX | Austria |
| 749. | 2021.07.28 | 10:31:43.9 | 48.8386 | 20.4832 | 0.0 | - | EX | Slovakia |
| 750. | 2021.07.28 | 10:37:57.1 | 48.8635 | 20.5086 | 0.0 | 1.8 | EX | Slovakia |
| 751. | 2021.07.28 | 10:47:07.4 | 48.0750 | 20.6990 | 0.0 | 1.6 | GT | Miskolc-Mexikóvölgy |
| 752. | 2021.07.28 | 12:08:56.5 | 48.0175 | 16.1828 | 0.0 | 0.8 | EX | Austria |
| 753. | 2021.07.29 | 09:00:05.9 | 48.4077 | 17.3181 | 0.0 | 2.8 | EX | Slovakia |
| 754. | 2021.07.29 | 09:01:46.6 | 47.2350 | 18.2564 | 0.0 | 1.5 | EX | Csór |
| 755. | 2021.07.29 | 09:18:14.5 | 48.9823 | 20.2025 | 0.0 | - | EX | Slovakia |
| 756. | 2021.07.29 | 09:44:59.1 | 46.9519 | 22.7912 | 0.0 | 1.9 | EX | Romania |
| 757. | 2021.07.29 | 10:08:34.0 | 48.4446 | 19.5682 | 0.0 | - | EX | Slovakia |
| 758. | 2021.07.30 | 06:41:37.6 | 47.8920 | 19.4049 | 0.0 | 1.5 | GT | Bercel |
| 759. | 2021.07.30 | 06:54:38.5 | 46.8732 | 17.2632 | 0.0 | 1.7 | EX | Várvölgy |
| 760. | 2021.07.30 | 12:01:54.8 | 48.4048 | 17.3395 | 0.0 | - | EX | Slovakia |
| 761. | 2021.07.31 | 09:04:14.7 | 46.1757 | 18.3034 | 0.0 | - | EX | Komló |
| 762. | 2021.08.02 | 08:04:49.1 | 47.9767 | 20.3679 | 0.0 | 1.0 | GT | Eger-III. |
| 763. | 2021.08.02 | 08:11:14.5 | 47.9319 | 20.0710 | 0.0 | 1.6 | EX | Mátraderecske |
| 764. | 2021.08.02 | 09:13:08.8 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 765. | 2021.08.02 | 13:28:38.0 | 47.8451 | 16.0341 | 0.0 | - | EX | Austria |
| 766. | 2021.08.02 | 13:34:44.9 | 48.9484 | 21.2519 | 0.0 | 1.4 | EX | Slovakia |
| 767. | 2021.08.03 | 07:02:49.9 | 48.0750 | 20.6990 | 0.0 | - | GT | Miskolc-Mexikóvölgy |
| 768. | 2021.08.03 | 07:23:22.1 | 48.0383 | 16.0955 | 0.0 | - | EX | Austria |
| 769. | 2021.08.03 | 07:27:06.7 | 47.8355 | 19.1270 | 0.0 | - | GT | Sejce-Vác |
| 770. | 2021.08.03 | 08:45:08.6 | 48.4505 | 19.1505 | 0.0 | 2.0 | EX | Slovakia |
| 771. | 2021.08.03 | 09:14:08.6 | 48.5714 | 17.3918 | 0.0 | 1.4 | EX | Slovakia |
| 772. | 2021.08.03 | 09:29:20.1 | 47.4432 | 18.7195 | 0.0 | 1.3 | EX | Etyek |
| 773. | 2021.08.03 | 12:31:40.7 | 47.7058 | 16.0276 | 5.2 | 2.0 | EQ | Austria |
| 774. | 2021.08.04 | 05:05:58.9 | 47.3300 | 17.6350 | 0.0 | 1.5 | GT | Ugod |
| 775. | 2021.08.04 | 07:03:11.9 | 46.1107 | 22.8399 | 0.0 | 1.6 | EX | Romania |
| 776. | 2021.08.04 | 09:59:44.1 | 48.5444 | 20.3945 | 0.0 | 1.4 | EX | Slovakia |
| 777. | 2021.08.04 | 10:13:28.7 | 47.8650 | 20.1529 | 0.0 | 1.5 | GT | Kisnána |
| 778. | 2021.08.04 | 10:35:31.6 | 47.3181 | 18.2171 | 0.0 | - | EX | Bodajk |
| 779. | 2021.08.04 | 10:46:18.1 | 48.5134 | 20.7516 | 0.0 | 1.2 | EX | Bódvarákó |
| 780. | 2021.08.04 | 15:34:56.5 | 47.5979 | 16.3638 | 0.0 | 1.1 | EX | Austria |
| 781. | 2021.08.05 | 06:47:07.2 | 47.3219 | 18.3367 | 0.0 | 1.6 | EX | Csákberény |
| 782. | 2021.08.05 | 07:32:20.0 | 48.4533 | 20.6677 | 0.0 | - | EX | Varbóc |
| 783. | 2021.08.05 | 13:26:50.6 | 46.8383 | 22.7088 | 0.0 | - | EX | Romania |
| 784. | 2021.08.05 | 16:22:25.1 | 47.5555 | 16.7701 | 7.9 | 1.1 | EQ | Nagylózs |
| 785. | 2021.08.06 | 08:23:48.9 | 48.9483 | 19.3630 | 0.0 | 1.5 | EX | Slovakia |
| 786. | 2021.08.06 | 08:35:20.9 | 48.5462 | 20.8225 | 0.0 | 1.3 | EX | Bódvalenke |
| 787. | 2021.08.06 | 09:00:52.9 | 47.3188 | 18.2228 | 0.0 | 1.0 | EX | Bodajk |
| 788. | 2021.08.06 | 10:05:45.7 | 47.0126 | 22.3032 | 0.0 | 2.2 | EX | Romania |
| 789. | 2021.08.06 | 10:54:35.9 | 48.3428 | 19.8529 | 0.0 | 1.6 | EX | Slovakia |
| 790. | 2021.08.07 | 23:09:44.7 | 47.5373 | 18.5845 | 10.0 | - | EQ | Csabdi |
| 791. | 2021.08.09 | 07:10:24.9 | 46.8664 | 22.8187 | 0.0 | 1.8 | EX | Romania |
| 792. | 2021.08.09 | 07:15:13.2 | 48.4153 | 20.7643 | 0.0 | 0.8 | EX | Galvács |
| 793. | 2021.08.09 | 07:52:22.9 | 47.3018 | 17.6429 | 0.0 | 1.5 | EX | Ugod |
| 794. | 2021.08.09 | 08:06:45.5 | 48.0750 | 20.6990 | 0.0 | 1.4 | GT | Miskolc-Mexikóvölgy |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 795. | 2021.08.09 | 08:14:44.9 | 46.9161 | 22.7821 | 0.0 | 1.8 | EX | Romania |
| 796. | 2021.08.09 | 10:16:10.8 | 47.3643 | 18.3761 | 0.0 | 1.7 | EX | Gánt |
| 797. | 2021.08.09 | 10:56:18.6 | 48.2470 | 21.2460 | 0.0 | 2.2 | GT | Tállya |
| 798. | 2021.08.09 | 18:11:33.1 | 47.8346 | 16.2144 | 12.2 | 1.0 | EQ | Austria |
| 799. | 2021.08.10 | 07:06:21.2 | 48.3802 | 19.5198 | 0.0 | 1.3 | EX | Slovakia |
| 800. | 2021.08.10 | 07:12:25.5 | 48.5289 | 17.4491 | 0.0 | - | EX | Slovakia |
| 801. | 2021.08.10 | 07:44:02.4 | 46.8422 | 22.8495 | 0.0 | - | EX | Romania |
| 802. | 2021.08.10 | 08:09:08.1 | 48.5359 | 20.8502 | 0.0 | 1.4 | EX | Becskeháza |
| 803. | 2021.08.10 | 08:47:54.7 | 47.3501 | 18.3153 | 0.0 | 1.6 | EX | Csákberény |
| 804. | 2021.08.10 | 09:03:15.7 | 47.5230 | 18.7038 | 0.0 | 1.5 | EX | Zsámbék |
| 805. | 2021.08.10 | 09:39:60.0 | 46.0695 | 22.0321 | 0.0 | 1.3 | EX | Romania |
| 806. | 2021.08.10 | 09:57:47.9 | 46.1365 | 18.0411 | 0.0 | - | EX | Hetvehely |
| 807. | 2021.08.10 | 10:14:38.5 | 47.8650 | 20.1529 | 0.0 | 1.5 | GT | Kisnána |
| 808. | 2021.08.10 | 12:31:22.7 | 48.4339 | 17.2450 | 0.0 | - | EX | Slovakia |
| 809. | 2021.08.11 | 06:28:38.3 | 45.9729 | 22.8187 | 0.0 | 1.4 | EX | Romania |
| 810. | 2021.08.11 | 06:43:60.0 | 47.9767 | 20.3679 | 0.0 | 1.1 | GT | Eger-III. |
| 811. | 2021.08.11 | 06:55:28.4 | 46.0545 | 22.8204 | 0.0 | 1.6 | EX | Romania |
| 812. | 2021.08.11 | 07:34:00.6 | 46.1160 | 22.8423 | 0.0 | - | EX | Romania |
| 813. | 2021.08.11 | 07:43:32.1 | 48.4849 | 20.8033 | 0.0 | - | EX | Tornabarakony |
| 814. | 2021.08.11 | 07:53:36.5 | 48.4973 | 21.4244 | 0.0 | 1.0 | EX | Nyíri |
| 815. | 2021.08.11 | 08:21:47.7 | 46.8992 | 17.3227 | 0.0 | 1.8 | EX | Uzsa |
| 816. | 2021.08.11 | 09:16:07.6 | 47.2336 | 18.3053 | 0.0 | 1.1 | EX | Iszkaszentgyörgy |
| 817. | 2021.08.11 | 11:24:17.8 | 48.3163 | 19.8563 | 0.0 | 1.9 | EX | Slovakia |
| 818. | 2021.08.12 | 08:10:09.5 | 48.5316 | 20.7452 | 0.0 | 1.2 | EX | Bódvaszilas |
| 819. | 2021.08.12 | 08:11:53.6 | 48.2470 | 21.2460 | 0.0 | 1.9 | GT | Tállya |
| 820. | 2021.08.12 | 08:33:23.8 | 48.2566 | 19.8627 | 0.0 | 1.7 | EX | Slovakia |
| 821. | 2021.08.12 | 09:02:50.2 | 47.8355 | 19.1270 | 0.0 | 1.6 | GT | Sejce-Vác |
| 822. | 2021.08.12 | 14:36:32.8 | 48.2953 | 19.8504 | 0.0 | - | EX | Slovakia |
| 823. | 2021.08.12 | 18:12:57.2 | 47.5981 | 16.3876 | 0.0 | 1.1 | EX | Austria |
| 824. | 2021.08.13 | 06:35:36.4 | 47.3167 | 18.3081 | 0.0 | 1.2 | GT | Magyaralmás |
| 825. | 2021.08.13 | 07:10:47.0 | 48.4969 | 17.5279 | 0.0 | - | EX | Slovakia |
| 826. | 2021.08.13 | 07:15:10.1 | 48.0750 | 20.6990 | 0.0 | 1.2 | GT | Miskolc-Mexikóvölgy |
| 827. | 2021.08.13 | 07:32:14.2 | 48.4956 | 19.3262 | 0.0 | 1.6 | EX | Slovakia |
| 828. | 2021.08.13 | 08:17:25.4 | 46.1204 | 18.0243 | 0.0 | - | GT | Bükkösd |
| 829. | 2021.08.13 | 09:52:18.1 | 46.8460 | 17.3026 | 0.0 | 1.6 | EX | Vállus |
| 830. | 2021.08.13 | 10:09:50.4 | 47.5600 | 18.4573 | 0.0 | 1.2 | GT | Tatabánya |
| 831. | 2021.08.13 | 13:16:26.4 | 48.4035 | 21.7152 | 13.3 | 1.6 | EQ | Slovakia |
| 832. | 2021.08.16 | 08:23:18.5 | 48.4220 | 19.1596 | 0.0 | - | EX | Slovakia |
| 833. | 2021.08.16 | 09:21:35.8 | 47.2302 | 18.2835 | 0.0 | 1.1 | GT | Iszkaszentgyörgy |
| 834. | 2021.08.16 | 09:33:09.9 | 46.1274 | 21.6278 | 0.0 | 1.5 | EX | Romania |
| 835. | 2021.08.16 | 11:20:03.9 | 47.8850 | 19.8313 | 0.0 | 1.3 | EX | Mátraszentimre |
| 836. | 2021.08.17 | 07:17:50.8 | 46.1062 | 22.8362 | 0.0 | - | EX | Romania |
| 837. | 2021.08.17 | 07:23:04.4 | 47.3621 | 18.3954 | 0.0 | 1.4 | EX | Gánt |
| 838. | 2021.08.17 | 07:24:59.4 | 48.1194 | 21.3214 | 0.0 | 1.1 | EX | Tarcal |
| 839. | 2021.08.17 | 07:49:42.2 | 46.8280 | 22.8292 | 0.0 | - | EX | Romania |
| 840. | 2021.08.17 | 08:01:14.9 | 48.4520 | 20.6953 | 0.0 | - | EX | Perkupa |
| 841. | 2021.08.17 | 08:55:05.4 | 47.3702 | 18.4141 | 0.0 | 1.9 | EX | Gánt |
| 842. | 2021.08.17 | 10:12:43.8 | 48.5143 | 17.4617 | 0.0 | 1.4 | EX | Slovakia |
| 843. | 2021.08.17 | 10:55:47.7 | 48.8767 | 20.5886 | 0.0 | - | EX | Slovakia |
| 844. | 2021.08.17 | 11:39:33.6 | 47.5600 | 18.4573 | 0.0 | - | GT | Tatabánya |
| 845. | 2021.08.18 | 05:58:05.5 | 47.3167 | 18.3081 | 0.0 | 1.6 | GT | Magyaralmás |

CHAPTER 2. LOCAL EVENTS

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 846. | 2021.08.18 | 06:55:03.8 | 46.8689 | 22.7119 | 0.0 | - | EX | Romania |
| 847. | 2021.08.18 | 07:14:42.0 | 47.6227 | 18.5432 | 0.0 | 2.0 | EX | Tarján |
| 848. | 2021.08.18 | 08:19:41.5 | 46.8748 | 17.3069 | 0.0 | 1.6 | EX | Várvölgy |
| 849. | 2021.08.18 | 08:59:43.8 | 48.4136 | 17.2737 | 0.0 | - | EX | Slovakia |
| 850. | 2021.08.18 | 09:52:22.9 | 48.9023 | 21.2710 | 0.0 | 1.7 | EX | Slovakia |
| 851. | 2021.08.18 | 10:00:30.9 | 48.1635 | 16.9117 | 0.0 | - | EX | Austria |
| 852. | 2021.08.18 | 10:08:05.6 | 48.6198 | 20.8293 | 0.0 | - | EX | Slovakia |
| 853. | 2021.08.18 | 13:53:39.1 | 47.8835 | 16.0722 | 0.0 | 1.1 | EX | Austria |
| 854. | 2021.08.18 | 14:22:30.4 | 46.1477 | 16.4464 | 9.5 | 2.0 | EQ | Croatia |
| 855. | 2021.08.18 | 15:10:18.1 | 47.5883 | 16.3913 | 0.0 | 1.6 | EX | Austria |
| 856. | 2021.08.19 | 00:22:23.9 | 45.8732 | 20.8140 | 8.3 | 1.6 | EQ | Romania |
| 857. | 2021.08.19 | 08:25:06.7 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 858. | 2021.08.19 | 08:29:13.2 | 48.5481 | 20.8229 | 0.0 | - | EX | Bódvalenke |
| 859. | 2021.08.19 | 22:36:52.1 | 47.4752 | 18.2693 | 10.0 | 0.9 | EQ | Bokod |
| 860. | 2021.08.20 | 07:17:19.5 | 48.9229 | 19.3506 | 0.0 | 1.5 | EX | Slovakia |
| 861. | 2021.08.20 | 09:20:31.1 | 46.0554 | 22.8271 | 0.0 | 1.6 | EX | Romania |
| 862. | 2021.08.20 | 09:40:59.4 | 48.5308 | 20.8303 | 0.0 | 1.5 | EX | Becskeháza |
| 863. | 2021.08.20 | 10:08:40.3 | 48.4445 | 20.4114 | 0.0 | 1.3 | EX | Slovakia |
| 864. | 2021.08.20 | 10:12:55.0 | 46.0457 | 22.8161 | 0.0 | - | EX | Romania |
| 865. | 2021.08.20 | 10:49:19.1 | 48.8072 | 21.2221 | 0.0 | 1.8 | EX | Slovakia |
| 866. | 2021.08.20 | 11:36:30.2 | 47.6003 | 16.3803 | 0.0 | 1.3 | EX | Austria |
| 867. | 2021.08.20 | 21:59:33.7 | 47.7571 | 16.1571 | 9.0 | 1.0 | EQ | Austria |
| 868. | 2021.08.21 | 15:49:57.3 | 47.7749 | 16.1701 | 7.4 | 0.4 | EQ | Austria |
| 869. | 2021.08.23 | 06:25:24.6 | 46.0987 | 22.8225 | 0.0 | - | EX | Romania |
| 870. | 2021.08.23 | 07:08:50.8 | 46.0998 | 22.8226 | 0.0 | - | EX | Romania |
| 871. | 2021.08.23 | 07:27:48.6 | 48.0750 | 20.6990 | 0.0 | 1.0 | GT | Miskolc-Mexikóvölgy |
| 872. | 2021.08.23 | 07:31:26.0 | 46.1121 | 18.1017 | 0.0 | - | EX | Kővágótöttös |
| 873. | 2021.08.23 | 09:01:46.8 | 47.8691 | 20.1490 | 0.0 | 1.2 | EX | Kisnána |
| 874. | 2021.08.23 | 10:49:01.6 | 47.3497 | 16.4097 | 0.0 | 1.4 | EX | Austria |
| 875. | 2021.08.24 | 07:23:56.7 | 48.5397 | 17.4560 | 0.0 | - | EX | Slovakia |
| 876. | 2021.08.24 | 08:08:01.4 | 48.4339 | 20.7843 | 0.0 | - | EX | Meszés |
| 877. | 2021.08.24 | 08:21:01.7 | 47.8163 | 19.1439 | 0.0 | 1.2 | EX | Kosd |
| 878. | 2021.08.24 | 08:52:14.4 | 47.2220 | 18.2141 | 0.0 | - | EX | Bakonykúti |
| 879. | 2021.08.24 | 09:08:09.5 | 47.8854 | 20.0849 | 0.0 | 1.8 | EX | Parád |
| 880. | 2021.08.24 | 10:00:17.3 | 48.1607 | 16.9281 | 0.0 | - | EX | Austria |
| 881. | 2021.08.24 | 14:00:37.4 | 47.8659 | 16.0515 | 0.0 | - | EX | Austria |
| 882. | 2021.08.24 | 16:17:34.7 | 47.5742 | 16.3799 | 0.0 | - | EX | Austria |
| 883. | 2021.08.25 | 06:09:44.5 | 48.2048 | 21.2279 | 0.0 | 1.6 | EX | Rátka |
| 884. | 2021.08.25 | 07:22:49.9 | 48.2290 | 21.2691 | 0.0 | 1.1 | EX | Tállya |
| 885. | 2021.08.25 | 07:55:16.8 | 48.7079 | 18.1762 | 0.0 | 1.7 | EX | Slovakia |
| 886. | 2021.08.25 | 08:07:57.3 | 48.5516 | 20.8198 | 0.0 | - | EX | Bódvalenke |
| 887. | 2021.08.25 | 09:41:48.5 | 47.8814 | 16.4989 | 0.0 | - | EX | Austria |
| 888. | 2021.08.25 | 09:53:38.0 | 48.5059 | 17.4808 | 0.0 | - | EX | Slovakia |
| 889. | 2021.08.25 | 10:39:53.8 | 48.4188 | 20.7568 | 0.0 | - | EX | Galvács |
| 890. | 2021.08.25 | 11:43:26.4 | 47.8887 | 16.4459 | 0.0 | 1.0 | EX | Austria |
| 891. | 2021.08.25 | 13:58:54.2 | 47.5968 | 16.3731 | 0.0 | - | EX | Austria |
| 892. | 2021.08.26 | 07:10:54.9 | 46.0558 | 22.8417 | 0.0 | - | EX | Romania |
| 893. | 2021.08.26 | 07:30:11.4 | 47.9747 | 16.6490 | 0.0 | - | EX | Austria |
| 894. | 2021.08.26 | 08:09:55.7 | 48.7962 | 16.2257 | 0.0 | 1.6 | EX | Czech |
| 895. | 2021.08.26 | 08:23:49.1 | 46.0666 | 22.8761 | 0.0 | - | EX | Romania |
| 896. | 2021.08.26 | 08:56:01.5 | 47.3788 | 18.3872 | 0.0 | 1.5 | EX | Gánt |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 897. | 2021.08.26 | 09:57:56.9 | 48.2470 | 21.2460 | 0.0 | - | GT | Tállya |
| 898. | 2021.08.26 | 10:00:02.6 | 48.2470 | 21.2460 | 0.0 | - | GT | Tállya |
| 899. | 2021.08.26 | 10:16:01.6 | 48.5465 | 20.8159 | 0.0 | - | EX | Bódvalenke |
| 900. | 2021.08.26 | 11:09:58.5 | 48.5935 | 20.2817 | 0.0 | - | EX | Slovakia |
| 901. | 2021.08.26 | 12:13:35.0 | 47.8682 | 16.0890 | 0.0 | - | EX | Austria |
| 902. | 2021.08.27 | 05:44:53.8 | 47.9767 | 20.3679 | 0.0 | - | GT | Eger-III. |
| 903. | 2021.08.27 | 07:58:20.9 | 46.1204 | 18.1213 | 0.0 | - | EX | Abaliget |
| 904. | 2021.08.27 | 08:13:43.8 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 905. | 2021.08.27 | 08:18:28.9 | 47.8650 | 20.1529 | 0.0 | - | GT | Kisnána |
| 906. | 2021.08.27 | 09:14:41.8 | 48.5379 | 20.8129 | 0.0 | - | EX | Bódvalenke |
| 907. | 2021.08.27 | 10:19:35.6 | 46.7828 | 22.8012 | 0.0 | 1.3 | EX | Romania |
| 908. | 2021.08.27 | 10:21:07.9 | 48.5339 | 17.4462 | 0.0 | - | EX | Slovakia |
| 909. | 2021.08.27 | 10:40:37.6 | 47.5600 | 18.4573 | 0.0 | 1.3 | GT | Tatabánya |
| 910. | 2021.08.27 | 16:04:10.2 | 47.6188 | 16.3744 | 0.0 | 0.7 | EX | Austria |
| 911. | 2021.08.28 | 00:45:42.3 | 46.2078 | 19.1410 | 8.1 | 1.4 | EQ | Csávoly |
| 912. | 2021.08.28 | 08:42:50.2 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 913. | 2021.08.28 | 09:40:07.7 | 48.0061 | 19.6278 | 0.0 | - | GT | Nagylóc |
| 914. | 2021.08.29 | 21:57:28.3 | 47.7727 | 18.1957 | 4.6 | 2.1 | EQ | Slovakia |
| 915. | 2021.08.30 | 05:15:24.6 | 47.3996 | 18.2628 | 3.0 | 1.5 | EQ | Pusztavám |
| 916. | 2021.08.30 | 06:25:15.1 | 48.1170 | 21.3182 | 0.0 | 1.3 | EX | Tarcal |
| 917. | 2021.08.30 | 06:53:14.2 | 46.7978 | 22.7887 | 0.0 | 1.7 | EX | Romania |
| 918. | 2021.08.30 | 06:57:13.1 | 48.4335 | 17.2558 | 0.0 | - | EX | Slovakia |
| 919. | 2021.08.30 | 11:24:01.1 | 48.3280 | 19.8743 | 0.0 | 1.5 | EX | Slovakia |
| 920. | 2021.08.30 | 12:10:01.8 | 48.5817 | 17.6082 | 0.0 | - | EX | Slovakia |
| 921. | 2021.08.31 | 06:33:53.0 | 46.0423 | 22.7986 | 0.0 | 1.4 | EX | Romania |
| 922. | 2021.08.31 | 06:49:49.8 | 47.8355 | 19.1270 | 0.0 | - | GT | Sejce-Vác |
| 923. | 2021.08.31 | 07:31:35.7 | 47.1027 | 18.0073 | 0.0 | - | EX | Litér |
| 924. | 2021.08.31 | 07:39:43.9 | 46.1149 | 22.8481 | 0.0 | - | EX | Romania |
| 925. | 2021.08.31 | 07:55:45.8 | 47.8355 | 19.1270 | 0.0 | - | GT | Sejce-Vác |
| 926. | 2021.08.31 | 08:23:06.7 | 48.4757 | 17.5178 | 0.0 | 1.5 | EX | Slovakia |
| 927. | 2021.08.31 | 08:27:58.3 | 48.5576 | 20.7828 | 0.0 | 1.3 | EX | Tornanádaska |
| 928. | 2021.08.31 | 10:00:23.0 | 48.1882 | 16.9914 | 0.0 | - | EX | Slovakia |
| 929. | 2021.08.31 | 10:23:18.9 | 47.3786 | 18.2413 | 0.0 | - | EX | Mór |
| 930. | 2021.08.31 | 10:31:38.9 | 47.3578 | 18.3630 | 0.0 | 1.7 | EX | Csákberény |
| 931. | 2021.09.01 | 06:13:58.6 | 47.8362 | 19.9346 | 0.0 | 1.4 | GT | Gyöngyössolymos |
| 932. | 2021.09.01 | 06:47:56.9 | 47.8362 | 19.9346 | 0.0 | - | GT | Gyöngyössolymos |
| 933. | 2021.09.01 | 07:05:52.3 | 48.0750 | 20.6990 | 0.0 | 1.2 | GT | Miskolc-Mexikóvölgy |
| 934. | 2021.09.01 | 08:54:02.0 | 46.9449 | 17.3737 | 0.0 | 1.6 | EX | Uzsa |
| 935. | 2021.09.01 | 10:00:27.1 | 48.1533 | 16.9304 | 0.0 | - | EX | Austria |
| 936. | 2021.09.01 | 10:41:22.0 | 47.8650 | 20.1529 | 0.0 | - | GT | Kisnána |
| 937. | 2021.09.01 | 11:55:25.1 | 47.8914 | 16.0955 | 0.0 | - | EX | Austria |
| 938. | 2021.09.01 | 12:55:20.8 | 45.9610 | 22.9249 | 0.0 | - | EX | Romania |
| 939. | 2021.09.01 | 18:37:31.2 | 47.5497 | 16.3691 | 0.0 | 0.6 | EX | Austria |
| 940. | 2021.09.02 | 07:03:56.7 | 47.9840 | 16.6386 | 0.0 | - | EX | Austria |
| 941. | 2021.09.02 | 07:41:09.9 | 46.8299 | 22.8066 | 0.0 | 1.7 | EX | Romania |
| 942. | 2021.09.02 | 08:31:27.4 | 48.4461 | 21.7360 | 0.0 | - | EX | Slovakia |
| 943. | 2021.09.02 | 09:04:28.7 | 48.2470 | 21.2460 | 0.0 | 1.9 | GT | Tállya |
| 944. | 2021.09.02 | 09:51:27.0 | 47.3640 | 18.3786 | 0.0 | 1.8 | EX | Gánt |
| 945. | 2021.09.02 | 10:03:58.0 | 46.0386 | 22.3461 | 0.0 | 1.7 | EX | Romania |
| 946. | 2021.09.02 | 10:13:31.7 | 48.4318 | 19.5379 | 0.0 | 1.6 | EX | Slovakia |
| 947. | 2021.09.02 | 11:08:23.3 | 48.4528 | 20.6548 | 0.0 | - | EX | Varbóc |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|------|------------|------------|--------------|--------------|---------------|-----------|------|-----------------|
| 948. | 2021.09.02 | 11:11:28.2 | 48.5594 | 20.9757 | 0.0 | - | EX | Slovakia |
| 949. | 2021.09.02 | 18:32:11.6 | 48.3712 | 20.4828 | 0.0 | 0.6 | EQ | Zádorfalva |
| 950. | 2021.09.02 | 18:59:49.1 | 47.5875 | 16.3905 | 0.0 | - | EX | Austria |
| 951. | 2021.09.03 | 02:04:03.6 | 48.1372 | 22.5208 | 5.6 | - | EQ | Márokpapi |
| 952. | 2021.09.03 | 06:29:47.6 | 47.9151 | 19.4088 | 0.0 | 1.7 | GT | Szanda |
| 953. | 2021.09.03 | 07:00:56.7 | 47.9767 | 20.3679 | 0.0 | - | GT | Eger-III. |
| 954. | 2021.09.03 | 08:00:01.5 | 47.4680 | 18.6970 | 0.0 | 1.7 | GT | Etyek |
| 955. | 2021.09.03 | 08:34:25.8 | 48.6376 | 19.9492 | 0.0 | 1.5 | EX | Slovakia |
| 956. | 2021.09.03 | 08:54:16.2 | 46.0078 | 22.8407 | 0.0 | 1.7 | EX | Romania |
| 957. | 2021.09.03 | 09:07:33.5 | 48.4308 | 17.2301 | 0.0 | - | EX | Slovakia |
| 958. | 2021.09.03 | 09:18:04.7 | 48.5181 | 19.3197 | 0.0 | 1.6 | EX | Slovakia |
| 959. | 2021.09.03 | 09:23:22.8 | 46.9005 | 22.7005 | 0.0 | - | EX | Romania |
| 960. | 2021.09.03 | 09:43:32.3 | 48.9969 | 21.2459 | 0.0 | - | EX | Slovakia |
| 961. | 2021.09.03 | 22:50:17.1 | 47.2991 | 18.1160 | 7.1 | 0.6 | EQ | Bakonycsernye |
| 962. | 2021.09.04 | 11:58:22.4 | 47.5939 | 16.3845 | 0.0 | - | EX | Austria |
| 963. | 2021.09.06 | 08:04:14.0 | 46.9195 | 22.3155 | 0.0 | 2.0 | EX | Romania |
| 964. | 2021.09.06 | 09:19:14.3 | 48.5887 | 21.3083 | 0.0 | 1.6 | EX | Slovakia |
| 965. | 2021.09.06 | 16:39:54.4 | 47.5909 | 16.3884 | 0.0 | 1.3 | EX | Austria |
| 966. | 2021.09.07 | 08:17:03.9 | 45.9592 | 22.7354 | 0.0 | 1.6 | EX | Romania |
| 967. | 2021.09.07 | 08:27:38.6 | 48.4810 | 17.5093 | 0.0 | 1.5 | EX | Slovakia |
| 968. | 2021.09.07 | 08:40:00.0 | 48.4412 | 20.7902 | 0.0 | - | EX | Meszes |
| 969. | 2021.09.07 | 08:59:42.1 | 48.5233 | 20.8251 | 0.0 | - | EX | Becskeháza |
| 970. | 2021.09.07 | 09:06:19.1 | 47.8871 | 16.0958 | 0.0 | - | EX | Austria |
| 971. | 2021.09.07 | 09:35:53.6 | 48.5364 | 17.4443 | 0.0 | - | EX | Slovakia |
| 972. | 2021.09.07 | 10:31:02.4 | 47.8650 | 20.1529 | 0.0 | - | GT | Kisnána |
| 973. | 2021.09.07 | 10:36:29.8 | 48.4470 | 20.7870 | 0.0 | - | GT | Meszes |
| 974. | 2021.09.07 | 10:38:46.0 | 47.9820 | 16.0956 | 0.0 | - | EX | Austria |
| 975. | 2021.09.07 | 10:50:13.6 | 47.8355 | 19.1270 | 0.0 | 1.5 | GT | Sejce-Vác |
| 976. | 2021.09.07 | 11:21:05.9 | 47.0961 | 17.9943 | 0.0 | 1.2 | EX | Litér |
| 977. | 2021.09.07 | 11:25:34.0 | 47.9638 | 16.6539 | 0.0 | - | EX | Austria |
| 978. | 2021.09.08 | 07:52:43.9 | 47.6868 | 18.4584 | 0.0 | 1.9 | EX | Tardos |
| 979. | 2021.09.08 | 08:07:23.4 | 47.8164 | 19.9453 | 0.0 | 1.7 | EX | Gyöngyössolymos |
| 980. | 2021.09.08 | 08:46:51.4 | 48.0061 | 19.6278 | 0.0 | 1.3 | GT | Nagylóc |
| 981. | 2021.09.08 | 09:59:31.4 | 48.4161 | 17.2818 | 0.0 | - | EX | Slovakia |
| 982. | 2021.09.08 | 12:20:17.8 | 47.5600 | 18.4573 | 0.0 | 1.3 | GT | Tatabánya |
| 983. | 2021.09.08 | 14:24:07.2 | 47.8874 | 16.4533 | 0.0 | 1.0 | EX | Austria |
| 984. | 2021.09.09 | 06:22:47.8 | 48.2470 | 21.2460 | 0.0 | - | GT | Tállya |
| 985. | 2021.09.09 | 07:19:39.5 | 48.1055 | 21.3819 | 0.0 | - | EX | Tokaj |
| 986. | 2021.09.09 | 08:10:13.5 | 48.2470 | 21.2460 | 0.0 | 1.9 | GT | Tállya |
| 987. | 2021.09.09 | 08:56:36.8 | 46.6994 | 22.9087 | 0.0 | - | EX | Romania |
| 988. | 2021.09.09 | 09:04:30.9 | 46.1116 | 22.8417 | 0.0 | - | EX | Romania |
| 989. | 2021.09.09 | 09:13:53.7 | 47.4443 | 21.8227 | 0.0 | 2.1 | EX | Újléta |
| 990. | 2021.09.09 | 09:33:51.0 | 46.0629 | 22.0272 | 0.0 | 1.6 | EX | Romania |
| 991. | 2021.09.09 | 10:00:10.6 | 47.3821 | 18.4156 | 0.0 | 1.3 | EX | Gánt |
| 992. | 2021.09.09 | 11:07:51.2 | 47.7723 | 17.6394 | 1.0 | 1.9 | EQ | Vámosszabadi |
| 993. | 2021.09.09 | 11:17:10.3 | 48.8681 | 21.1292 | 0.0 | 1.6 | EX | Slovakia |
| 994. | 2021.09.09 | 11:27:47.7 | 47.8713 | 16.0545 | 0.0 | - | EX | Austria |
| 995. | 2021.09.09 | 11:33:17.6 | 48.5074 | 20.8189 | 0.0 | - | EX | Tornabarakony |
| 996. | 2021.09.10 | 06:41:12.0 | 46.8415 | 22.7607 | 0.0 | - | EX | Romania |
| 997. | 2021.09.10 | 07:16:41.4 | 47.8920 | 19.4049 | 0.0 | 2.0 | GT | Bercel |
| 998. | 2021.09.10 | 07:53:38.7 | 48.4005 | 17.2265 | 0.0 | - | EX | Slovakia |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 999. | 2021.09.10 | 07:57:01.0 | 46.1296 | 18.0286 | 0.0 | - | EX | Hetvehely |
| 1000. | 2021.09.10 | 09:42:05.2 | 46.8416 | 22.7476 | 0.0 | - | EX | Romania |
| 1001. | 2021.09.10 | 10:00:40.0 | 48.1867 | 16.8747 | 0.0 | - | EX | Austria |
| 1002. | 2021.09.10 | 10:05:38.2 | 46.0360 | 22.8595 | 0.0 | 1.7 | EX | Romania |
| 1003. | 2021.09.10 | 10:17:49.9 | 46.0555 | 21.8482 | 0.0 | - | EX | Romania |
| 1004. | 2021.09.10 | 11:00:17.4 | 47.7180 | 18.7130 | 0.0 | 1.4 | GT | Dorog |
| 1005. | 2021.09.13 | 05:46:05.4 | 48.4503 | 21.4918 | 0.0 | 1.6 | EX | Kishuta |
| 1006. | 2021.09.13 | 07:38:52.6 | 46.9662 | 17.2925 | 0.0 | 1.7 | EX | Sümeg |
| 1007. | 2021.09.13 | 08:19:35.8 | 47.9507 | 16.0727 | 0.0 | - | EX | Austria |
| 1008. | 2021.09.13 | 08:25:23.9 | 48.8738 | 21.1414 | 0.0 | 1.5 | EX | Slovakia |
| 1009. | 2021.09.13 | 08:56:03.0 | 46.8414 | 22.7796 | 0.0 | - | EX | Romania |
| 1010. | 2021.09.13 | 10:33:37.1 | 48.0907 | 21.3691 | 0.0 | 1.8 | EX | Tarcal |
| 1011. | 2021.09.13 | 11:00:59.8 | 48.3104 | 19.9058 | 0.0 | 1.6 | EX | Slovakia |
| 1012. | 2021.09.13 | 13:04:48.1 | 47.8892 | 16.0895 | 0.0 | 1.0 | EX | Austria |
| 1013. | 2021.09.13 | 20:12:52.4 | 48.5960 | 19.0387 | 9.4 | 1.5 | EQ | Slovakia |
| 1014. | 2021.09.14 | 06:41:12.7 | 47.9356 | 20.0701 | 0.0 | 1.4 | EX | Mátraderecske |
| 1015. | 2021.09.14 | 06:53:27.4 | 47.9601 | 20.3542 | 0.0 | - | EX | Szarvaskő |
| 1016. | 2021.09.14 | 07:45:21.2 | 47.3694 | 18.3916 | 0.0 | 1.6 | EX | Gánt |
| 1017. | 2021.09.14 | 07:56:23.6 | 47.3176 | 18.3206 | 0.0 | - | EX | Magyaralmás |
| 1018. | 2021.09.14 | 08:06:02.4 | 46.0455 | 22.8212 | 0.0 | 1.5 | EX | Romania |
| 1019. | 2021.09.14 | 08:54:25.7 | 47.0490 | 17.9951 | 0.0 | 1.4 | EX | Szentkirályszabadja |
| 1020. | 2021.09.14 | 10:01:04.3 | 48.1657 | 16.9236 | 0.0 | - | EX | Austria |
| 1021. | 2021.09.14 | 10:19:41.1 | 47.5965 | 16.4417 | 0.0 | - | EX | Austria |
| 1022. | 2021.09.14 | 10:49:12.8 | 48.4383 | 19.5431 | 0.0 | - | EX | Slovakia |
| 1023. | 2021.09.14 | 10:51:49.9 | 48.4524 | 19.5492 | 0.0 | 1.4 | EX | Slovakia |
| 1024. | 2021.09.14 | 11:48:09.3 | 48.5080 | 20.8382 | 0.0 | 1.1 | EX | Debréte |
| 1025. | 2021.09.15 | 00:37:08.8 | 45.9144 | 18.3433 | 10.0 | 0.8 | EQ | Vokány |
| 1026. | 2021.09.15 | 07:46:31.5 | 48.9915 | 16.3261 | 0.0 | 1.7 | EX | Czech |
| 1027. | 2021.09.15 | 08:06:28.9 | 47.7814 | 16.1641 | 9.0 | 1.4 | EQ | Austria |
| 1028. | 2021.09.15 | 08:47:46.0 | 46.9049 | 17.3637 | 0.0 | 1.7 | EX | Uzsa |
| 1029. | 2021.09.15 | 10:09:41.1 | 47.9257 | 20.1239 | 0.0 | 1.5 | EX | Recsk |
| 1030. | 2021.09.15 | 12:58:32.2 | 46.6946 | 18.4540 | 2.0 | 2.2 | EQ | Pincehely |
| 1031. | 2021.09.15 | 13:21:12.3 | 47.3430 | 16.3959 | 0.0 | 1.7 | EX | Austria |
| 1032. | 2021.09.16 | 06:38:40.5 | 48.6579 | 19.2677 | 0.0 | 1.4 | EX | Slovakia |
| 1033. | 2021.09.16 | 08:34:50.0 | 47.3736 | 18.3785 | 0.0 | 1.6 | EX | Gánt |
| 1034. | 2021.09.16 | 08:44:57.5 | 48.3956 | 20.6561 | 0.0 | 1.0 | EX | Alsótelekes |
| 1035. | 2021.09.16 | 08:51:47.6 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 1036. | 2021.09.16 | 09:08:49.8 | 46.0715 | 22.8373 | 0.0 | 1.7 | EX | Romania |
| 1037. | 2021.09.16 | 09:15:42.1 | 46.1221 | 21.6939 | 0.0 | 1.8 | EX | Romania |
| 1038. | 2021.09.16 | 09:18:20.2 | 48.7756 | 21.5949 | 0.0 | 2.0 | EX | Slovakia |
| 1039. | 2021.09.16 | 09:42:45.2 | 48.2470 | 21.2460 | 0.0 | 2.0 | GT | Tállya |
| 1040. | 2021.09.16 | 10:04:16.2 | 48.6699 | 18.6133 | 0.0 | 1.7 | EX | Slovakia |
| 1041. | 2021.09.16 | 13:12:08.4 | 47.5655 | 18.4568 | 0.0 | 1.0 | EX | Tatabánya |
| 1042. | 2021.09.17 | 08:03:31.5 | 46.1723 | 17.9991 | 2.0 | 1.7 | EQ | Bakóca |
| 1043. | 2021.09.17 | 08:27:11.9 | 46.1765 | 18.2926 | 0.0 | 1.7 | GT | Komló |
| 1044. | 2021.09.17 | 09:49:58.8 | 48.4031 | 19.1073 | 0.0 | 1.5 | EX | Slovakia |
| 1045. | 2021.09.17 | 10:49:55.3 | 48.5561 | 17.3836 | 0.0 | - | EX | Slovakia |
| 1046. | 2021.09.17 | 16:52:35.2 | 47.7781 | 16.1908 | 8.2 | - | EQ | Austria |
| 1047. | 2021.09.18 | 03:05:01.1 | 47.4429 | 16.9383 | 8.4 | 2.2 | EQ | Iván |
| 1048. | 2021.09.18 | 03:07:04.2 | 47.4478 | 16.9600 | 5.7 | 2.9 | EQ | Répceszemere |
| 1049. | 2021.09.18 | 03:10:12.0 | 47.3950 | 16.9035 | 16.9 | 1.1 | EQ | Nemesládony |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 1050. | 2021.09.18 | 04:47:05.2 | 47.4437 | 16.9451 | 5.2 | 2.7 | EQ | Iván |
| 1051. | 2021.09.18 | 10:45:57.8 | 47.4168 | 16.9237 | 14.1 | 1.4 | EQ | Csér |
| 1052. | 2021.09.18 | 18:11:06.5 | 47.4699 | 18.2947 | 10.5 | 1.2 | EQ | Oroszlány |
| 1053. | 2021.09.20 | 08:56:49.3 | 48.4900 | 20.7303 | 0.0 | 1.3 | EX | Bódvarákó |
| 1054. | 2021.09.20 | 08:57:53.3 | 47.1025 | 18.0574 | 0.0 | 1.4 | EX | Vilonya |
| 1055. | 2021.09.20 | 09:59:38.9 | 48.4349 | 17.2976 | 0.0 | 2.0 | EX | Slovakia |
| 1056. | 2021.09.20 | 10:28:33.5 | 47.2302 | 18.2835 | 0.0 | - | GT | Iszkaszentgyörgy |
| 1057. | 2021.09.21 | 05:30:36.3 | 47.9388 | 16.0760 | 0.0 | 1.0 | EX | Austria |
| 1058. | 2021.09.21 | 08:04:06.7 | 47.1287 | 17.8646 | 0.0 | 1.5 | EX | Márkó |
| 1059. | 2021.09.21 | 08:29:03.4 | 47.3680 | 18.3936 | 0.0 | 0.9 | EX | Gánt |
| 1060. | 2021.09.21 | 09:44:51.6 | 46.9390 | 22.6650 | 0.0 | 1.4 | EX | Romania |
| 1061. | 2021.09.22 | 07:10:11.6 | 47.9767 | 20.3679 | 0.0 | 1.2 | GT | Eger-III. |
| 1062. | 2021.09.22 | 07:15:59.5 | 47.0921 | 18.0480 | 0.0 | 1.2 | EX | Királyszentistván |
| 1063. | 2021.09.22 | 09:05:01.0 | 46.8130 | 22.7569 | 0.0 | - | EX | Romania |
| 1064. | 2021.09.22 | 09:39:26.3 | 48.8069 | 21.0288 | 0.0 | 1.7 | EX | Slovakia |
| 1065. | 2021.09.22 | 09:57:49.7 | 47.8650 | 20.1529 | 0.0 | 1.4 | GT | Kisnána |
| 1066. | 2021.09.22 | 14:32:02.7 | 46.9422 | 22.4949 | 0.0 | 2.2 | EX | Romania |
| 1067. | 2021.09.23 | 07:37:28.3 | 47.3593 | 18.3925 | 0.0 | 1.6 | EX | Gánt |
| 1068. | 2021.09.23 | 08:03:55.3 | 48.4767 | 20.7092 | 0.0 | - | EX | Perkupa |
| 1069. | 2021.09.23 | 09:26:08.0 | 48.4171 | 20.7660 | 0.0 | 1.7 | EX | Galvács |
| 1070. | 2021.09.23 | 09:46:14.9 | 48.2470 | 21.2460 | 0.0 | 2.0 | GT | Tállya |
| 1071. | 2021.09.23 | 10:00:28.3 | 48.1427 | 16.9321 | 0.0 | - | EX | Austria |
| 1072. | 2021.09.23 | 10:14:11.5 | 47.8355 | 19.1270 | 0.0 | 1.7 | GT | Sejce-Vác |
| 1073. | 2021.09.23 | 10:54:21.6 | 48.3251 | 19.8487 | 0.0 | 1.9 | EX | Slovakia |
| 1074. | 2021.09.23 | 12:20:37.3 | 47.3498 | 16.3724 | 0.0 | - | EX | Austria |
| 1075. | 2021.09.24 | 08:32:36.0 | 47.8881 | 20.0973 | 0.0 | 1.8 | EX | Recsk |
| 1076. | 2021.09.24 | 09:11:26.9 | 48.4843 | 19.2986 | 0.0 | 1.8 | EX | Slovakia |
| 1077. | 2021.09.24 | 09:22:09.4 | 47.0078 | 22.2926 | 0.0 | 2.4 | EX | Romania |
| 1078. | 2021.09.24 | 10:36:16.2 | 48.4717 | 20.8360 | 0.0 | - | EX | Rakacaszend |
| 1079. | 2021.09.24 | 10:43:04.1 | 47.7180 | 18.7130 | 0.0 | - | GT | Dorog |
| 1080. | 2021.09.25 | 04:13:21.9 | 47.3148 | 20.1245 | 6.4 | 1.6 | EQ | Szászberek |
| 1081. | 2021.09.26 | 02:51:00.2 | 47.3070 | 20.1245 | 4.7 | 1.4 | EQ | Szászberek |
| 1082. | 2021.09.27 | 05:50:24.3 | 47.3167 | 18.3081 | 0.0 | 1.5 | GT | Magyaralmás |
| 1083. | 2021.09.27 | 07:00:00.8 | 46.8554 | 22.7918 | 0.0 | 1.9 | EX | Romania |
| 1084. | 2021.09.27 | 09:11:18.6 | 48.0750 | 20.6990 | 0.0 | 1.3 | GT | Miskolc-Mexikóvölgy |
| 1085. | 2021.09.27 | 09:15:47.7 | 46.3162 | 21.9439 | 0.0 | 1.8 | EX | Romania |
| 1086. | 2021.09.27 | 10:39:04.6 | 47.3182 | 18.3786 | 0.0 | 1.5 | EX | Zámoly |
| 1087. | 2021.09.28 | 07:02:10.5 | 47.9821 | 16.6105 | 0.0 | - | EX | Austria |
| 1088. | 2021.09.28 | 07:48:59.4 | 45.8462 | 18.4110 | 0.0 | 1.0 | EX | Nagyharsány |
| 1089. | 2021.09.28 | 08:11:30.6 | 46.0525 | 22.8243 | 0.0 | 1.8 | EX | Romania |
| 1090. | 2021.09.28 | 10:27:32.1 | 47.7791 | 19.0372 | 0.0 | 1.8 | GT | Dunabogdány |
| 1091. | 2021.09.28 | 11:36:00.1 | 47.8650 | 20.1529 | 0.0 | 1.6 | GT | Kisnána |
| 1092. | 2021.09.28 | 15:25:33.0 | 47.5894 | 16.3767 | 0.0 | - | EX | Austria |
| 1093. | 2021.09.28 | 19:59:09.1 | 45.5497 | 16.0528 | 0.0 | 2.2 | EQ | Croatia |
| 1094. | 2021.09.29 | 06:40:41.4 | 48.4768 | 17.4838 | 0.0 | - | EX | Slovakia |
| 1095. | 2021.09.29 | 06:50:35.8 | 47.9767 | 20.3679 | 0.0 | 1.1 | GT | Eger-III. |
| 1096. | 2021.09.29 | 07:07:31.0 | 47.9611 | 16.6620 | 0.0 | 1.3 | EX | Austria |
| 1097. | 2021.09.29 | 07:25:24.1 | 46.7881 | 22.8298 | 0.0 | 1.8 | EX | Romania |
| 1098. | 2021.09.29 | 08:09:51.3 | 46.1599 | 17.9734 | 0.0 | - | EX | Horváthertelend |
| 1099. | 2021.09.29 | 08:22:02.1 | 47.5091 | 18.7077 | 0.0 | 1.4 | EX | Herceghalom |
| 1100. | 2021.09.29 | 08:25:25.0 | 46.1357 | 18.0301 | 0.0 | 1.3 | EX | Hetvehely |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 1101. | 2021.09.29 | 09:28:44.7 | 46.8548 | 17.2699 | 0.0 | 2.2 | GT | Várkölygy |
| 1102. | 2021.09.29 | 09:35:33.6 | 48.3919 | 20.6247 | 0.0 | 1.4 | EX | Felsőtelekes |
| 1103. | 2021.09.29 | 10:23:45.7 | 48.9515 | 19.8741 | 0.0 | 1.5 | EX | Slovakia |
| 1104. | 2021.09.29 | 10:50:59.4 | 48.8322 | 21.3310 | 0.0 | 1.5 | EX | Slovakia |
| 1105. | 2021.09.30 | 06:32:38.5 | 48.0750 | 20.6990 | 0.0 | 1.4 | GT | Miskolc-Mexikóvölgy |
| 1106. | 2021.09.30 | 06:44:18.6 | 47.3889 | 18.3911 | 0.0 | 1.6 | EX | Gánt |
| 1107. | 2021.09.30 | 08:02:16.0 | 46.7827 | 22.8159 | 0.0 | 1.8 | EX | Romania |
| 1108. | 2021.09.30 | 08:28:49.8 | 48.2517 | 19.8585 | 0.0 | 1.6 | EX | Slovakia |
| 1109. | 2021.09.30 | 09:38:57.6 | 48.7840 | 20.0715 | 0.0 | - | EX | Slovakia |
| 1110. | 2021.09.30 | 10:39:16.7 | 48.2470 | 21.2460 | 0.0 | 1.9 | GT | Tállya |
| 1111. | 2021.09.30 | 11:37:12.6 | 48.5640 | 20.3203 | 0.0 | 1.1 | EX | Slovakia |
| 1112. | 2021.10.01 | 06:45:40.2 | 47.8650 | 20.1529 | 0.0 | 1.5 | GT | Kisnána |
| 1113. | 2021.10.01 | 08:29:53.4 | 47.3629 | 18.4107 | 0.0 | 1.4 | EX | Gánt |
| 1114. | 2021.10.01 | 08:33:41.3 | 48.5345 | 20.3821 | 0.0 | 1.3 | EX | Slovakia |
| 1115. | 2021.10.01 | 08:35:21.1 | 48.6388 | 21.4819 | 0.0 | 1.4 | EX | Slovakia |
| 1116. | 2021.10.01 | 10:36:28.9 | 48.4746 | 20.8370 | 0.0 | 1.6 | EX | Rakacaszend |
| 1117. | 2021.10.01 | 11:00:22.1 | 48.8668 | 20.8706 | 0.0 | 1.8 | EX | Slovakia |
| 1118. | 2021.10.02 | 03:26:01.5 | 47.4991 | 17.7333 | 15.2 | 1.5 | EQ | Ravazd |
| 1119. | 2021.10.02 | 04:12:15.1 | 46.1342 | 17.0753 | 6.2 | 1.7 | EQ | Croatia |
| 1120. | 2021.10.02 | 08:46:47.5 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 1121. | 2021.10.02 | 13:53:48.8 | 47.7745 | 16.1787 | 10.4 | 1.0 | EQ | Austria |
| 1122. | 2021.10.03 | 13:41:35.4 | 48.7003 | 18.5827 | 10.0 | 1.8 | EQ | Slovakia |
| 1123. | 2021.10.04 | 06:45:18.4 | 46.0450 | 22.8257 | 0.0 | 1.8 | EX | Romania |
| 1124. | 2021.10.04 | 08:12:02.7 | 46.0584 | 22.8957 | 0.0 | 1.7 | EX | Romania |
| 1125. | 2021.10.04 | 08:19:04.1 | 47.8145 | 19.1131 | 0.0 | 1.4 | EX | Szendehely |
| 1126. | 2021.10.04 | 08:46:18.3 | 48.4130 | 19.3458 | 0.0 | 1.6 | EX | Slovakia |
| 1127. | 2021.10.04 | 09:10:27.6 | 48.5309 | 17.4330 | 0.0 | - | EX | Slovakia |
| 1128. | 2021.10.04 | 09:51:05.7 | 48.9052 | 21.1785 | 0.0 | 1.7 | EX | Slovakia |
| 1129. | 2021.10.04 | 10:13:37.2 | 48.4146 | 20.7512 | 0.0 | 1.5 | EX | Galvács |
| 1130. | 2021.10.04 | 10:35:05.9 | 46.9902 | 22.2685 | 0.0 | 2.2 | EX | Romania |
| 1131. | 2021.10.04 | 11:01:37.2 | 48.7989 | 20.9437 | 0.0 | 1.8 | EX | Slovakia |
| 1132. | 2021.10.04 | 12:44:27.3 | 47.5600 | 18.4573 | 0.0 | 1.3 | GT | Tatabánya |
| 1133. | 2021.10.04 | 12:58:13.5 | 47.8853 | 16.0859 | 0.0 | 0.8 | EX | Austria |
| 1134. | 2021.10.05 | 07:05:37.8 | 47.9761 | 16.6235 | 0.0 | 1.5 | EX | Austria |
| 1135. | 2021.10.05 | 07:32:29.2 | 47.3795 | 18.4136 | 0.0 | - | EX | Gánt |
| 1136. | 2021.10.05 | 08:32:18.1 | 47.8513 | 20.1542 | 0.0 | 1.2 | EX | Kisnána |
| 1137. | 2021.10.05 | 10:03:46.5 | 47.2187 | 18.1582 | 0.0 | 1.1 | EX | Várpalota |
| 1138. | 2021.10.05 | 10:28:33.4 | 46.9813 | 17.3201 | 0.0 | - | EX | Sümege |
| 1139. | 2021.10.05 | 10:46:54.6 | 47.8355 | 19.1270 | 0.0 | - | GT | Sejce-Vác |
| 1140. | 2021.10.05 | 11:15:50.9 | 48.3667 | 19.5668 | 0.0 | 1.5 | EX | Slovakia |
| 1141. | 2021.10.05 | 11:53:33.7 | 48.5143 | 20.8122 | 0.0 | 1.6 | EX | Becskeháza |
| 1142. | 2021.10.05 | 12:30:16.2 | 47.5826 | 16.3981 | 0.0 | 1.4 | EX | Austria |
| 1143. | 2021.10.06 | 04:06:29.3 | 48.4161 | 17.1432 | 1.7 | 2.2 | EQ | Slovakia |
| 1144. | 2021.10.06 | 06:49:26.7 | 47.9408 | 20.4108 | 0.0 | 1.0 | EX | Felsőtárkány |
| 1145. | 2021.10.06 | 06:54:57.6 | 48.0357 | 20.6799 | 0.0 | 1.6 | EX | Kisgyőr |
| 1146. | 2021.10.06 | 07:21:49.5 | 47.0765 | 18.0345 | 0.0 | - | EX | Balatonfűzfő |
| 1147. | 2021.10.06 | 07:42:27.9 | 48.6656 | 18.3727 | 0.0 | 1.9 | EX | Slovakia |
| 1148. | 2021.10.06 | 08:05:35.6 | 48.9101 | 19.7836 | 0.0 | 1.4 | EX | Slovakia |
| 1149. | 2021.10.06 | 08:19:16.5 | 47.3300 | 17.6350 | 0.0 | - | GT | Ugod |
| 1150. | 2021.10.06 | 16:42:45.7 | 48.6756 | 18.5970 | 17.4 | 1.8 | EQ | Slovakia |
| 1151. | 2021.10.07 | 03:38:18.5 | 48.7888 | 20.2736 | 10.0 | 1.3 | EQ | Slovakia |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 1152. | 2021.10.07 | 06:57:59.4 | 47.8922 | 20.0748 | 0.0 | 1.4 | EX | Parád |
| 1153. | 2021.10.07 | 07:12:52.2 | 48.0559 | 21.3332 | 0.0 | 1.8 | EX | Csobaj |
| 1154. | 2021.10.07 | 09:06:10.8 | 47.2302 | 18.2835 | 0.0 | - | GT | Iszkaszentgyörgy |
| 1155. | 2021.10.07 | 09:49:19.8 | 48.3414 | 19.8633 | 0.0 | 1.5 | EX | Slovakia |
| 1156. | 2021.10.07 | 10:24:59.2 | 48.8076 | 21.6035 | 0.0 | 2.0 | EX | Slovakia |
| 1157. | 2021.10.08 | 06:25:38.4 | 47.3973 | 18.4014 | 0.0 | 1.5 | EX | Gánt |
| 1158. | 2021.10.08 | 07:17:44.1 | 46.8205 | 22.7935 | 0.0 | 2.0 | EX | Romania |
| 1159. | 2021.10.08 | 07:20:37.4 | 48.4173 | 17.3028 | 0.0 | 1.7 | EX | Slovakia |
| 1160. | 2021.10.08 | 07:57:17.3 | 48.4675 | 20.7101 | 0.0 | - | EX | Perkupa |
| 1161. | 2021.10.08 | 09:00:34.6 | 48.9872 | 20.2466 | 0.0 | 1.8 | EX | Slovakia |
| 1162. | 2021.10.08 | 09:10:00.8 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 1163. | 2021.10.08 | 09:23:57.0 | 48.0750 | 20.6990 | 0.0 | 1.5 | GT | Miskolc-Mexikóvölgy |
| 1164. | 2021.10.08 | 09:29:01.7 | 48.2470 | 21.2460 | 0.0 | 2.0 | GT | Tálya |
| 1165. | 2021.10.08 | 10:00:22.6 | 48.1317 | 16.9525 | 0.0 | - | EX | Austria |
| 1166. | 2021.10.08 | 11:52:42.0 | 47.8650 | 20.1529 | 0.0 | 1.6 | GT | Kisnána |
| 1167. | 2021.10.09 | 09:55:42.0 | 46.8290 | 22.7819 | 0.0 | - | EX | Romania |
| 1168. | 2021.10.10 | 23:11:53.4 | 45.6282 | 19.4622 | 10.0 | 1.8 | EQ | Serbia |
| 1169. | 2021.10.11 | 08:11:06.9 | 47.7180 | 18.7130 | 0.0 | 1.9 | GT | Dorog |
| 1170. | 2021.10.11 | 08:17:00.8 | 48.5251 | 19.3404 | 0.0 | 1.7 | EX | Slovakia |
| 1171. | 2021.10.11 | 08:29:13.4 | 48.4883 | 17.5211 | 0.0 | - | EX | Slovakia |
| 1172. | 2021.10.11 | 11:24:54.4 | 48.3150 | 19.8665 | 0.0 | 1.5 | EX | Slovakia |
| 1173. | 2021.10.12 | 05:54:11.6 | 47.9044 | 20.0802 | 0.0 | 1.2 | EX | Parád |
| 1174. | 2021.10.12 | 07:56:58.5 | 48.5103 | 17.5023 | 0.0 | - | EX | Slovakia |
| 1175. | 2021.10.12 | 08:12:47.8 | 48.7772 | 16.2384 | 0.0 | 1.7 | EX | Czech |
| 1176. | 2021.10.12 | 08:50:38.2 | 47.3700 | 18.4202 | 0.0 | 1.7 | EX | Gánt |
| 1177. | 2021.10.12 | 08:59:29.7 | 48.3954 | 17.3017 | 0.0 | 1.7 | EX | Slovakia |
| 1178. | 2021.10.12 | 09:42:28.8 | 47.3769 | 18.3881 | 0.0 | 2.0 | EX | Gánt |
| 1179. | 2021.10.12 | 09:48:10.7 | 48.8576 | 20.4771 | 0.0 | 2.4 | EX | Slovakia |
| 1180. | 2021.10.12 | 10:00:24.1 | 48.1451 | 16.9928 | 0.0 | - | EX | Austria |
| 1181. | 2021.10.12 | 10:30:55.0 | 48.7904 | 21.3286 | 0.0 | - | EX | Slovakia |
| 1182. | 2021.10.12 | 11:45:00.1 | 47.5600 | 18.4573 | 0.0 | 1.4 | GT | Tatabánya |
| 1183. | 2021.10.12 | 13:00:24.6 | 48.5928 | 17.6299 | 0.0 | - | EX | Slovakia |
| 1184. | 2021.10.13 | 01:02:12.3 | 48.7708 | 19.4643 | 0.7 | 2.2 | EQ | Slovakia |
| 1185. | 2021.10.13 | 06:08:56.2 | 47.3167 | 18.3081 | 0.0 | 1.4 | GT | Magyaralmás |
| 1186. | 2021.10.13 | 07:03:26.6 | 47.9765 | 16.6245 | 0.0 | 1.6 | EX | Austria |
| 1187. | 2021.10.13 | 09:12:32.5 | 46.9804 | 17.3435 | 0.0 | 2.1 | EX | Sümege |
| 1188. | 2021.10.13 | 09:35:10.8 | 48.5090 | 17.4690 | 0.0 | 1.3 | EX | Slovakia |
| 1189. | 2021.10.13 | 09:49:45.5 | 48.3243 | 19.8731 | 0.0 | 1.3 | EX | Slovakia |
| 1190. | 2021.10.13 | 10:31:21.4 | 48.5109 | 18.2466 | 0.0 | 1.6 | EX | Slovakia |
| 1191. | 2021.10.13 | 11:17:21.0 | 48.7115 | 20.0781 | 0.0 | 1.3 | EX | Slovakia |
| 1192. | 2021.10.13 | 11:24:59.0 | 47.8831 | 16.0728 | 0.0 | - | EX | Austria |
| 1193. | 2021.10.13 | 13:05:19.8 | 46.8476 | 22.7766 | 0.0 | 1.9 | EX | Romania |
| 1194. | 2021.10.14 | 07:17:20.1 | 48.6397 | 18.5681 | 0.0 | 1.7 | EX | Slovakia |
| 1195. | 2021.10.14 | 07:35:32.7 | 47.9767 | 20.3679 | 0.0 | - | GT | Eger-III. |
| 1196. | 2021.10.14 | 07:54:43.5 | 47.3206 | 18.3219 | 0.0 | - | EX | Csákberény |
| 1197. | 2021.10.14 | 09:45:33.4 | 47.5600 | 18.4573 | 0.0 | 1.2 | GT | Tatabánya |
| 1198. | 2021.10.14 | 10:00:36.3 | 48.0971 | 19.0577 | 0.0 | 1.6 | EX | Slovakia |
| 1199. | 2021.10.14 | 10:05:02.8 | 48.4888 | 20.8020 | 0.0 | - | EX | Tornabarakony |
| 1200. | 2021.10.14 | 10:19:27.0 | 47.8650 | 20.1529 | 0.0 | 1.6 | GT | Kisnána |
| 1201. | 2021.10.14 | 13:17:35.1 | 48.8894 | 21.2125 | 0.0 | 1.6 | EX | Slovakia |
| 1202. | 2021.10.15 | 07:59:01.2 | 48.0061 | 19.6278 | 0.0 | 1.2 | GT | Nagylóc |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|------------------|
| 1203. | 2021.10.15 | 08:16:34.4 | 47.8355 | 19.1270 | 0.0 | 1.6 | GT | Sejce-Vác |
| 1204. | 2021.10.15 | 08:18:56.0 | 46.8566 | 22.6847 | 0.0 | - | EX | Romania |
| 1205. | 2021.10.15 | 09:00:04.9 | 48.3936 | 17.2994 | 0.0 | 1.7 | EX | Slovakia |
| 1206. | 2021.10.15 | 09:12:22.9 | 47.2302 | 18.2835 | 0.0 | 0.9 | GT | Iszkaszentgyörgy |
| 1207. | 2021.10.15 | 09:55:40.8 | 46.7906 | 22.7819 | 0.0 | 2.0 | EX | Romania |
| 1208. | 2021.10.15 | 11:32:20.7 | 48.6036 | 19.6853 | 0.0 | 1.6 | EX | Slovakia |
| 1209. | 2021.10.15 | 11:58:17.1 | 48.7824 | 21.6341 | 0.0 | 1.9 | EX | Slovakia |
| 1210. | 2021.10.15 | 15:53:37.0 | 48.8704 | 21.6950 | 0.0 | 1.7 | EX | Slovakia |
| 1211. | 2021.10.16 | 23:35:27.7 | 45.9275 | 18.6657 | 10.0 | - | EQ | Udvar |
| 1212. | 2021.10.17 | 23:20:25.6 | 48.1566 | 22.6378 | 6.4 | 2.4 | EQ | Ukraine |
| 1213. | 2021.10.18 | 06:33:55.1 | 48.2359 | 21.2178 | 0.0 | 1.4 | EX | Tállya |
| 1214. | 2021.10.18 | 07:18:53.7 | 47.9782 | 16.6420 | 0.0 | - | EX | Austria |
| 1215. | 2021.10.18 | 09:01:21.3 | 48.5332 | 20.8008 | 0.0 | 1.2 | EX | Bódvalenke |
| 1216. | 2021.10.18 | 09:17:00.2 | 46.0564 | 22.0301 | 0.0 | 1.6 | EX | Romania |
| 1217. | 2021.10.18 | 09:21:07.3 | 47.8734 | 16.0756 | 0.0 | - | EX | Austria |
| 1218. | 2021.10.18 | 10:30:54.5 | 48.4135 | 17.2745 | 0.0 | 1.6 | EX | Slovakia |
| 1219. | 2021.10.18 | 11:51:18.0 | 48.5537 | 20.8230 | 0.0 | 1.4 | EX | Hidvégdó |
| 1220. | 2021.10.18 | 12:33:12.8 | 47.8059 | 17.8911 | 0.0 | 1.8 | EX | Slovakia |
| 1221. | 2021.10.19 | 07:37:24.7 | 48.8054 | 16.1534 | 0.0 | 1.3 | EX | Czech |
| 1222. | 2021.10.19 | 07:47:51.5 | 47.8362 | 19.9346 | 0.0 | 1.9 | GT | Gyöngyössolymos |
| 1223. | 2021.10.19 | 07:55:49.6 | 47.4136 | 18.3531 | 0.0 | - | EX | Gánt |
| 1224. | 2021.10.19 | 08:45:30.2 | 48.2470 | 21.2460 | 0.0 | 1.8 | GT | Tállya |
| 1225. | 2021.10.19 | 08:55:18.7 | 45.9909 | 22.7839 | 0.0 | 1.7 | EX | Romania |
| 1226. | 2021.10.19 | 09:10:47.6 | 46.0977 | 22.0466 | 0.0 | 1.5 | EX | Romania |
| 1227. | 2021.10.19 | 09:47:47.4 | 48.9694 | 20.1512 | 0.0 | 1.8 | EX | Slovakia |
| 1228. | 2021.10.19 | 10:19:40.8 | 48.5306 | 20.7758 | 0.0 | 1.3 | EX | Tornaszentandrás |
| 1229. | 2021.10.20 | 04:23:52.2 | 47.9205 | 18.9345 | 10.0 | 1.4 | EQ | Kóspallag |
| 1230. | 2021.10.20 | 07:15:06.7 | 48.4343 | 21.4981 | 0.0 | - | EX | Nagyhuta |
| 1231. | 2021.10.20 | 07:50:04.9 | 48.0763 | 16.2867 | 0.0 | 1.1 | EX | Austria |
| 1232. | 2021.10.20 | 08:14:52.5 | 47.4680 | 18.6970 | 0.0 | - | GT | Etyek |
| 1233. | 2021.10.20 | 09:19:53.4 | 47.2302 | 18.2835 | 0.0 | - | GT | Iszkaszentgyörgy |
| 1234. | 2021.10.20 | 09:31:35.4 | 47.9168 | 20.0843 | 0.0 | 1.8 | EX | Recsk |
| 1235. | 2021.10.20 | 09:44:10.1 | 47.5600 | 18.4573 | 0.0 | - | GT | Tatabánya |
| 1236. | 2021.10.20 | 09:48:22.4 | 48.4844 | 17.5305 | 0.0 | 1.7 | EX | Slovakia |
| 1237. | 2021.10.20 | 10:37:32.4 | 48.5124 | 20.7758 | 0.0 | 1.6 | EX | Tornaszentandrás |
| 1238. | 2021.10.20 | 15:22:02.5 | 47.6074 | 16.3790 | 0.0 | 1.1 | EX | Austria |
| 1239. | 2021.10.21 | 07:40:29.0 | 47.9867 | 16.6299 | 0.0 | 1.9 | EX | Austria |
| 1240. | 2021.10.21 | 08:20:31.1 | 48.3886 | 19.0979 | 0.0 | 1.9 | EX | Slovakia |
| 1241. | 2021.10.21 | 09:35:56.5 | 46.1204 | 18.0243 | 0.0 | - | GT | Bükkösd |
| 1242. | 2021.10.21 | 09:39:36.8 | 48.2470 | 21.2460 | 0.0 | 2.0 | GT | Tállya |
| 1243. | 2021.10.21 | 11:01:24.1 | 47.7813 | 19.7428 | 0.0 | 1.5 | EX | Rózsaszentmárton |
| 1244. | 2021.10.21 | 11:34:54.9 | 48.6009 | 20.2029 | 0.0 | 1.5 | EX | Slovakia |
| 1245. | 2021.10.22 | 02:02:50.1 | 47.4177 | 18.2203 | 5.0 | 0.2 | EQ | Pusztavám |
| 1246. | 2021.10.22 | 06:00:52.9 | 45.7832 | 16.8927 | 12.0 | 1.8 | EQ | Croatia |
| 1247. | 2021.10.22 | 06:38:52.6 | 47.9767 | 20.3679 | 0.0 | 1.0 | GT | Eger-III. |
| 1248. | 2021.10.22 | 06:51:53.6 | 45.6121 | 18.1841 | 0.0 | 2.0 | EQ | Croatia |
| 1249. | 2021.10.22 | 07:57:15.4 | 46.8167 | 22.8059 | 0.0 | 1.9 | EX | Romania |
| 1250. | 2021.10.22 | 08:02:10.4 | 47.3763 | 18.4173 | 0.0 | 1.3 | EX | Gánt |
| 1251. | 2021.10.22 | 08:57:05.6 | 48.3717 | 18.6653 | 0.0 | 1.9 | EX | Slovakia |
| 1252. | 2021.10.22 | 09:20:26.8 | 47.8355 | 19.1270 | 0.0 | - | GT | Sejce-Vác |
| 1253. | 2021.10.22 | 10:28:25.6 | 48.6935 | 19.2061 | 0.0 | 1.7 | EX | Slovakia |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|---------------------|
| 1254. | 2021.10.22 | 10:44:49.4 | 46.1124 | 21.6853 | 0.0 | 1.5 | EX | Romania |
| 1255. | 2021.10.25 | 07:24:41.4 | 47.6868 | 18.7556 | 0.0 | - | EX | Leányvár |
| 1256. | 2021.10.25 | 07:41:46.1 | 46.1012 | 22.8620 | 0.0 | 2.0 | EX | Romania |
| 1257. | 2021.10.25 | 07:58:14.3 | 48.0750 | 20.6990 | 0.0 | 1.2 | GT | Miskolc-Mexikóvölgy |
| 1258. | 2021.10.25 | 09:02:28.5 | 48.8482 | 21.0845 | 0.0 | 1.6 | EX | Slovakia |
| 1259. | 2021.10.25 | 09:23:19.6 | 46.0641 | 22.8855 | 0.0 | 1.6 | EX | Romania |
| 1260. | 2021.10.25 | 10:01:54.2 | 48.4331 | 19.5684 | 0.0 | 1.7 | EX | Slovakia |
| 1261. | 2021.10.25 | 11:01:24.9 | 48.4646 | 20.6873 | 0.0 | - | EX | Perkupa |
| 1262. | 2021.10.26 | 06:58:28.0 | 48.3650 | 21.2205 | 0.0 | - | EX | Hernádcéce |
| 1263. | 2021.10.26 | 07:01:55.5 | 48.2470 | 21.2460 | 0.0 | - | GT | Tállya |
| 1264. | 2021.10.26 | 08:31:52.6 | 48.8494 | 20.4984 | 0.0 | 1.9 | EX | Slovakia |
| 1265. | 2021.10.26 | 08:37:44.9 | 47.4072 | 18.3535 | 0.0 | - | EX | Gánt |
| 1266. | 2021.10.26 | 09:10:08.8 | 47.2783 | 18.2112 | 0.0 | - | EX | Isztimér |
| 1267. | 2021.10.26 | 09:43:11.1 | 48.5409 | 20.8191 | 0.0 | 1.5 | EX | Bódvalenke |
| 1268. | 2021.10.26 | 10:07:00.3 | 47.3494 | 18.4003 | 0.0 | 1.7 | EX | Zámoly |
| 1269. | 2021.10.27 | 01:44:58.4 | 48.0891 | 22.9138 | 5.6 | 3.2 | EQ | Ukraine |
| 1270. | 2021.10.27 | 08:55:05.0 | 48.5346 | 20.8270 | 0.0 | 1.7 | EX | Becskeháza |
| 1271. | 2021.10.27 | 09:50:27.7 | 46.8740 | 17.3408 | 0.0 | - | EX | Lesenceistvánd |
| 1272. | 2021.10.27 | 10:22:16.7 | 47.5600 | 18.4573 | 0.0 | - | GT | Tatabánya |
| 1273. | 2021.10.27 | 10:48:58.5 | 48.7979 | 21.4086 | 0.0 | 1.8 | EX | Slovakia |
| 1274. | 2021.10.27 | 11:36:31.4 | 46.0966 | 16.3761 | 0.0 | 1.6 | EX | Croatia |
| 1275. | 2021.10.27 | 12:38:45.9 | 48.8725 | 20.7403 | 0.0 | 1.6 | EX | Slovakia |
| 1276. | 2021.10.28 | 07:31:24.6 | 47.3300 | 17.6350 | 0.0 | 1.7 | GT | Ugod |
| 1277. | 2021.10.28 | 08:38:55.3 | 48.4957 | 20.8327 | 0.0 | - | EX | Tornabarakony |
| 1278. | 2021.10.28 | 08:48:55.1 | 48.6239 | 19.2423 | 0.0 | 1.9 | EX | Slovakia |
| 1279. | 2021.10.28 | 09:10:34.7 | 46.8172 | 22.8777 | 0.0 | 2.0 | EX | Romania |
| 1280. | 2021.10.28 | 09:38:11.6 | 48.2470 | 21.2460 | 0.0 | 1.9 | GT | Tállya |
| 1281. | 2021.10.28 | 10:29:46.6 | 48.4101 | 17.2943 | 0.0 | - | EX | Slovakia |
| 1282. | 2021.10.28 | 10:51:46.1 | 47.8650 | 20.1529 | 0.0 | 1.6 | GT | Kisnána |
| 1283. | 2021.10.28 | 12:05:36.4 | 48.9083 | 21.1323 | 0.0 | 1.7 | EX | Slovakia |
| 1284. | 2021.10.28 | 13:00:38.1 | 47.9025 | 16.0993 | 0.0 | 1.6 | EX | Austria |
| 1285. | 2021.10.29 | 06:25:55.0 | 47.9767 | 20.3679 | 0.0 | 1.0 | GT | Eger-III. |
| 1286. | 2021.10.29 | 08:13:51.5 | 48.8710 | 21.1114 | 0.0 | 1.7 | EX | Slovakia |
| 1287. | 2021.10.29 | 08:50:40.7 | 46.9070 | 17.3917 | 0.0 | 1.8 | EX | Uzsa |
| 1288. | 2021.10.29 | 09:32:16.8 | 47.8650 | 20.1529 | 0.0 | 0.9 | GT | Kisnána |
| 1289. | 2021.10.29 | 15:01:40.3 | 47.5961 | 16.3923 | 0.0 | 1.6 | EX | Austria |
| 1290. | 2021.10.31 | 20:31:16.8 | 47.6868 | 16.0500 | 7.2 | 0.8 | EQ | Austria |
| 1291. | 2021.11.01 | 09:05:25.0 | 46.1187 | 22.8709 | 0.0 | 1.8 | EX | Romania |
| 1292. | 2021.11.01 | 09:56:33.8 | 46.8622 | 22.7409 | 0.0 | - | EX | Romania |
| 1293. | 2021.11.01 | 10:53:42.2 | 46.0438 | 22.8036 | 0.0 | 1.6 | EX | Romania |
| 1294. | 2021.11.01 | 13:28:52.9 | 46.7660 | 22.5846 | 0.0 | - | EX | Romania |
| 1295. | 2021.11.02 | 08:35:03.9 | 48.0750 | 20.6990 | 0.0 | 1.4 | GT | Miskolc-Mexikóvölgy |
| 1296. | 2021.11.02 | 09:13:57.1 | 46.8505 | 22.8173 | 0.0 | 2.0 | EX | Romania |
| 1297. | 2021.11.02 | 09:26:41.2 | 48.5445 | 20.8075 | 0.0 | 1.4 | EX | Bódvalenke |
| 1298. | 2021.11.02 | 11:00:41.2 | 47.8164 | 19.1311 | 0.0 | - | EX | Kosd |
| 1299. | 2021.11.02 | 11:41:51.8 | 47.8598 | 19.1362 | 0.0 | 1.5 | EX | Szendehely |
| 1300. | 2021.11.02 | 12:02:57.4 | 47.9072 | 20.2060 | 0.0 | 0.7 | EX | Sirok |
| 1301. | 2021.11.02 | 13:20:19.3 | 47.8900 | 16.0361 | 0.0 | 0.8 | EX | Austria |
| 1302. | 2021.11.02 | 14:46:50.6 | 48.8871 | 21.1162 | 0.0 | 1.6 | EX | Slovakia |
| 1303. | 2021.11.03 | 09:11:21.8 | 48.7336 | 18.7293 | 0.0 | 1.8 | EX | Slovakia |
| 1304. | 2021.11.03 | 09:26:09.6 | 47.5380 | 18.6920 | 0.0 | 1.5 | GT | Mány |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|------------------|
| 1305. | 2021.11.03 | 09:53:22.8 | 47.1026 | 17.8782 | 0.0 | 1.7 | EX | Veszprém |
| 1306. | 2021.11.03 | 10:26:17.7 | 47.2302 | 18.2835 | 0.0 | 1.3 | GT | Iszkaszentgyörgy |
| 1307. | 2021.11.03 | 11:23:54.4 | 48.5362 | 20.8071 | 0.0 | 1.4 | EX | Bódvalenke |
| 1308. | 2021.11.03 | 12:00:49.0 | 46.9540 | 17.3813 | 0.0 | 1.9 | EX | Zalahaláp |
| 1309. | 2021.11.03 | 14:26:00.1 | 45.6097 | 17.6040 | 0.0 | 1.6 | EX | Croatia |
| 1310. | 2021.11.03 | 14:40:51.2 | 47.8768 | 16.0827 | 0.0 | 1.4 | EX | Austria |
| 1311. | 2021.11.03 | 15:18:33.9 | 47.5600 | 18.4573 | 0.0 | - | GT | Tatabánya |
| 1312. | 2021.11.04 | 07:07:24.8 | 47.9767 | 20.3679 | 0.0 | - | GT | Eger-III. |
| 1313. | 2021.11.04 | 08:41:27.7 | 48.3884 | 21.2789 | 0.0 | 1.7 | EX | Fony |
| 1314. | 2021.11.04 | 09:31:18.5 | 47.6249 | 16.3113 | 0.0 | 1.8 | EX | Austria |
| 1315. | 2021.11.04 | 10:02:43.3 | 48.4883 | 19.3670 | 0.0 | 1.7 | EX | Slovakia |
| 1316. | 2021.11.04 | 10:22:13.9 | 48.4262 | 19.1564 | 0.0 | - | EX | Slovakia |
| 1317. | 2021.11.04 | 10:33:43.2 | 48.6340 | 21.4346 | 0.0 | 1.8 | EX | Slovakia |
| 1318. | 2021.11.04 | 11:00:27.9 | 48.1145 | 16.9604 | 0.0 | 1.7 | EX | Austria |
| 1319. | 2021.11.04 | 13:15:37.5 | 46.8806 | 22.7626 | 0.0 | - | EX | Romania |
| 1320. | 2021.11.05 | 08:34:36.6 | 48.3924 | 19.5227 | 0.0 | 1.5 | EX | Slovakia |
| 1321. | 2021.11.05 | 08:39:50.9 | 48.4103 | 21.4035 | 0.0 | 1.4 | EX | Háromhuta |
| 1322. | 2021.11.05 | 09:10:25.4 | 48.4785 | 20.7034 | 0.0 | - | EX | Perkupa |
| 1323. | 2021.11.05 | 09:38:04.5 | 48.4825 | 17.5144 | 0.0 | - | EX | Slovakia |
| 1324. | 2021.11.05 | 11:36:39.5 | 48.3921 | 22.4416 | 0.0 | - | EX | Ukraine |
| 1325. | 2021.11.05 | 12:02:31.3 | 46.7901 | 22.7578 | 0.0 | - | EX | Romania |
| 1326. | 2021.11.06 | 09:13:58.9 | 47.3779 | 18.3971 | 0.0 | 1.3 | EX | Gánt |
| 1327. | 2021.11.06 | 09:22:08.7 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 1328. | 2021.11.08 | 08:58:11.5 | 48.5901 | 17.4885 | 0.0 | 1.9 | EX | Slovakia |
| 1329. | 2021.11.08 | 08:59:46.9 | 47.1333 | 18.1218 | 0.0 | 1.3 | EX | Berhida |
| 1330. | 2021.11.08 | 09:04:22.7 | 47.7791 | 19.0372 | 0.0 | - | GT | Dunabogdány |
| 1331. | 2021.11.08 | 09:16:19.3 | 47.7791 | 19.0372 | 0.0 | 2.1 | GT | Dunabogdány |
| 1332. | 2021.11.08 | 09:50:51.5 | 47.8920 | 19.4049 | 0.0 | 1.7 | GT | Bercel |
| 1333. | 2021.11.08 | 09:56:24.4 | 48.5887 | 17.4403 | 0.0 | 1.9 | EX | Slovakia |
| 1334. | 2021.11.08 | 11:23:07.4 | 47.8355 | 19.1270 | 0.0 | 1.6 | GT | Sejce-Vác |
| 1335. | 2021.11.08 | 11:34:31.7 | 48.2481 | 19.8634 | 0.0 | 1.9 | EX | Slovakia |
| 1336. | 2021.11.08 | 12:11:49.8 | 47.8988 | 16.5257 | 0.0 | - | EX | Austria |
| 1337. | 2021.11.08 | 14:11:59.1 | 48.4378 | 20.7792 | 0.0 | - | EX | Meszes |
| 1338. | 2021.11.09 | 01:06:18.5 | 46.2899 | 19.8570 | 10.0 | 1.7 | EQ | Zákányszék |
| 1339. | 2021.11.09 | 01:47:43.7 | 46.3062 | 19.8516 | 8.1 | 1.8 | EQ | Üllés |
| 1340. | 2021.11.09 | 08:11:07.0 | 48.5431 | 20.8106 | 0.0 | 1.3 | EX | Bódvalenke |
| 1341. | 2021.11.09 | 10:28:05.5 | 48.4154 | 19.1878 | 0.0 | - | EX | Slovakia |
| 1342. | 2021.11.09 | 11:15:08.3 | 48.8342 | 21.5816 | 0.0 | 2.0 | EX | Slovakia |
| 1343. | 2021.11.09 | 11:41:36.4 | 46.8425 | 22.7571 | 0.0 | - | EX | Romania |
| 1344. | 2021.11.09 | 13:18:05.6 | 48.5578 | 20.8945 | 0.0 | 1.7 | EX | Slovakia |
| 1345. | 2021.11.09 | 13:50:48.1 | 47.8742 | 16.1279 | 0.0 | 1.7 | EX | Austria |
| 1346. | 2021.11.09 | 14:31:15.6 | 47.6085 | 16.3821 | 0.0 | 1.3 | EX | Austria |
| 1347. | 2021.11.10 | 08:20:28.4 | 47.2302 | 18.2835 | 0.0 | 1.3 | GT | Iszkaszentgyörgy |
| 1348. | 2021.11.10 | 09:11:54.5 | 48.7918 | 19.4268 | 0.0 | 1.8 | EX | Slovakia |
| 1349. | 2021.11.10 | 09:31:20.3 | 47.5999 | 16.3782 | 0.0 | 1.9 | EX | Austria |
| 1350. | 2021.11.10 | 09:36:41.2 | 46.9042 | 17.3359 | 0.0 | - | EX | Uzsa |
| 1351. | 2021.11.10 | 09:51:46.2 | 46.1315 | 18.0527 | 0.0 | - | EX | Hetvehely |
| 1352. | 2021.11.10 | 09:54:06.3 | 48.5371 | 18.8882 | 0.0 | 2.0 | EX | Slovakia |
| 1353. | 2021.11.10 | 10:30:23.8 | 48.5354 | 20.8256 | 0.0 | 1.6 | EX | Becskeháza |
| 1354. | 2021.11.10 | 10:51:19.1 | 46.9494 | 17.3970 | 0.0 | 2.2 | EX | Zalahaláp |
| 1355. | 2021.11.10 | 10:59:47.5 | 46.8605 | 17.3631 | 0.0 | 2.2 | EX | Lesencetomaj |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|-------------------|
| 1356. | 2021.11.10 | 11:03:51.7 | 48.4921 | 19.3926 | 0.0 | 1.8 | EX | Slovakia |
| 1357. | 2021.11.10 | 12:22:17.7 | 47.5600 | 18.4573 | 0.0 | 1.5 | GT | Tatabánya |
| 1358. | 2021.11.10 | 12:39:51.0 | 48.3883 | 17.3133 | 0.0 | - | EX | Slovakia |
| 1359. | 2021.11.11 | 07:51:46.0 | 47.3933 | 18.3731 | 0.0 | - | EX | Gánt |
| 1360. | 2021.11.11 | 08:10:41.2 | 47.8362 | 19.9346 | 0.0 | 1.9 | GT | Gyöngyössolymos |
| 1361. | 2021.11.11 | 08:42:22.6 | 46.4639 | 22.4392 | 0.0 | 1.9 | EX | Romania |
| 1362. | 2021.11.11 | 09:33:25.5 | 48.8887 | 21.1505 | 0.0 | - | EX | Slovakia |
| 1363. | 2021.11.11 | 10:07:52.1 | 48.5340 | 20.8226 | 0.0 | 1.6 | EX | Becskeháza |
| 1364. | 2021.11.11 | 10:49:09.8 | 47.3454 | 18.3929 | 0.0 | 1.6 | EX | Zámoly |
| 1365. | 2021.11.11 | 10:56:21.5 | 48.2470 | 21.2460 | 0.0 | 2.1 | GT | Tállya |
| 1366. | 2021.11.11 | 11:06:11.8 | 48.3233 | 19.8479 | 0.0 | - | EX | Slovakia |
| 1367. | 2021.11.12 | 07:05:31.6 | 47.8355 | 19.1270 | 0.0 | 1.9 | GT | Sejce-Vác |
| 1368. | 2021.11.12 | 08:36:15.4 | 48.8272 | 16.1521 | 0.0 | 2.0 | EX | Czech |
| 1369. | 2021.11.12 | 09:10:06.7 | 47.3908 | 18.3856 | 0.0 | 1.8 | EX | Gánt |
| 1370. | 2021.11.12 | 09:21:39.3 | 48.5307 | 20.8327 | 0.0 | 1.7 | EX | Becskeháza |
| 1371. | 2021.11.12 | 09:30:00.0 | 48.5149 | 17.5075 | 0.0 | 1.6 | EX | Slovakia |
| 1372. | 2021.11.12 | 09:34:22.8 | 48.9755 | 16.4873 | 0.0 | 2.1 | EX | Czech |
| 1373. | 2021.11.12 | 10:31:51.0 | 47.5026 | 16.2707 | 0.0 | - | EX | Austria |
| 1374. | 2021.11.12 | 11:00:38.0 | 48.1944 | 16.9673 | 0.0 | - | EX | Austria |
| 1375. | 2021.11.12 | 11:05:46.0 | 47.8650 | 20.1529 | 0.0 | 1.5 | GT | Kisnána |
| 1376. | 2021.11.12 | 11:11:56.1 | 47.8650 | 20.1529 | 0.0 | 1.9 | GT | Kisnána |
| 1377. | 2021.11.12 | 12:25:25.6 | 46.8966 | 22.3422 | 0.0 | 1.6 | EX | Romania |
| 1378. | 2021.11.13 | 00:21:08.9 | 45.9459 | 17.3271 | 5.8 | 1.7 | EQ | Croatia |
| 1379. | 2021.11.13 | 13:20:04.1 | 48.4885 | 20.7999 | 0.0 | 1.3 | EX | Tornabarakony |
| 1380. | 2021.11.14 | 21:07:55.0 | 47.7350 | 18.3527 | 10.0 | 1.7 | EQ | Neszmély |
| 1381. | 2021.11.15 | 06:23:25.7 | 47.3167 | 18.3081 | 0.0 | 1.6 | GT | Magyaralmás |
| 1382. | 2021.11.15 | 09:06:07.7 | 47.9767 | 20.3679 | 0.0 | 1.2 | GT | Eger-III. |
| 1383. | 2021.11.15 | 09:17:02.5 | 48.7869 | 20.1175 | 0.0 | 1.4 | EX | Slovakia |
| 1384. | 2021.11.15 | 09:38:24.9 | 48.8711 | 21.1433 | 0.0 | 1.7 | EX | Slovakia |
| 1385. | 2021.11.15 | 09:45:54.6 | 48.8354 | 21.3356 | 0.0 | 1.9 | EX | Slovakia |
| 1386. | 2021.11.15 | 09:53:58.5 | 47.8788 | 20.1008 | 0.0 | 2.0 | EX | Kisnána |
| 1387. | 2021.11.15 | 10:09:07.5 | 47.8833 | 20.0828 | 0.0 | 1.6 | EX | Parád |
| 1388. | 2021.11.15 | 10:46:31.2 | 48.5432 | 20.8119 | 0.0 | 1.6 | EX | Bódvalenke |
| 1389. | 2021.11.15 | 14:30:47.5 | 47.8657 | 16.0961 | 0.0 | 1.7 | EX | Austria |
| 1390. | 2021.11.16 | 08:18:27.0 | 46.1160 | 22.8439 | 0.0 | 1.7 | EX | Romania |
| 1391. | 2021.11.16 | 08:20:21.4 | 46.0704 | 22.7964 | 0.0 | 1.7 | EX | Romania |
| 1392. | 2021.11.16 | 08:26:09.9 | 46.8866 | 22.7967 | 0.0 | - | EX | Romania |
| 1393. | 2021.11.16 | 09:01:19.9 | 48.9717 | 19.3692 | 0.0 | 2.0 | EX | Slovakia |
| 1394. | 2021.11.16 | 09:16:06.4 | 47.3844 | 18.3734 | 0.0 | 1.7 | EX | Gánt |
| 1395. | 2021.11.16 | 09:53:50.2 | 47.0986 | 18.0342 | 0.0 | 1.7 | EX | Királyszentistván |
| 1396. | 2021.11.16 | 10:06:46.1 | 48.4767 | 18.7219 | 0.0 | 1.9 | EX | Slovakia |
| 1397. | 2021.11.16 | 10:59:49.5 | 46.0555 | 22.7825 | 0.0 | 1.7 | EX | Romania |
| 1398. | 2021.11.16 | 12:25:55.9 | 47.5600 | 18.4573 | 0.0 | 1.2 | GT | Tatabánya |
| 1399. | 2021.11.17 | 09:52:12.4 | 45.6416 | 17.2900 | 0.0 | 2.2 | EX | Croatia |
| 1400. | 2021.11.17 | 10:56:12.4 | 47.8874 | 16.0875 | 0.0 | 1.3 | EX | Austria |
| 1401. | 2021.11.17 | 11:56:42.0 | 46.8788 | 22.6885 | 0.0 | 1.8 | EX | Romania |
| 1402. | 2021.11.17 | 14:14:22.4 | 46.3641 | 18.7662 | 9.5 | 1.9 | EQ | Szekszárd |
| 1403. | 2021.11.18 | 08:33:02.7 | 47.3930 | 18.3915 | 0.0 | - | EX | Gánt |
| 1404. | 2021.11.18 | 09:00:27.2 | 46.1024 | 18.0598 | 0.0 | 1.7 | EX | Bakonya |
| 1405. | 2021.11.18 | 09:30:25.3 | 47.8828 | 16.0410 | 0.0 | 1.8 | EX | Austria |
| 1406. | 2021.11.18 | 09:34:20.0 | 47.3718 | 18.3648 | 0.0 | 1.9 | EX | Gánt |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|----------------------|
| 1407. | 2021.11.18 | 09:48:56.5 | 48.7110 | 18.7372 | 0.0 | 2.1 | EX | Slovakia |
| 1408. | 2021.11.18 | 09:54:08.1 | 48.5351 | 20.8182 | 0.0 | 1.9 | EX | Bódvalenke |
| 1409. | 2021.11.18 | 10:07:18.2 | 46.0075 | 22.7157 | 0.0 | 1.8 | EX | Romania |
| 1410. | 2021.11.18 | 10:32:57.4 | 48.4208 | 20.7311 | 0.0 | 1.0 | EX | Szendrő |
| 1411. | 2021.11.18 | 10:59:37.8 | 48.4389 | 19.5762 | 0.0 | 1.6 | EX | Slovakia |
| 1412. | 2021.11.18 | 11:02:48.6 | 48.4357 | 19.5593 | 0.0 | - | EX | Slovakia |
| 1413. | 2021.11.18 | 11:17:31.7 | 47.9044 | 18.9937 | 0.0 | 1.5 | EX | Nógrád |
| 1414. | 2021.11.18 | 14:54:53.6 | 47.1803 | 19.3381 | 0.0 | 1.8 | EX | Dabas |
| 1415. | 2021.11.18 | 15:12:09.6 | 47.2032 | 19.2863 | 0.0 | 2.1 | EX | Dabas |
| 1416. | 2021.11.18 | 19:53:36.5 | 47.4685 | 19.8111 | 5.1 | 2.0 | EQ | Jászfelsőszentgyörgy |
| 1417. | 2021.11.19 | 07:59:44.0 | 47.8355 | 19.1270 | 0.0 | - | GT | Sejce-Vác |
| 1418. | 2021.11.19 | 08:50:20.2 | 48.4239 | 19.1284 | 0.0 | 2.0 | EX | Slovakia |
| 1419. | 2021.11.19 | 09:00:31.6 | 47.7062 | 19.0798 | 0.0 | 1.9 | EX | Pócsmegyer |
| 1420. | 2021.11.19 | 09:30:27.7 | 48.5071 | 17.4711 | 0.0 | - | EX | Slovakia |
| 1421. | 2021.11.19 | 09:38:15.0 | 48.2491 | 19.8680 | 0.0 | 1.8 | EX | Slovakia |
| 1422. | 2021.11.19 | 10:27:03.8 | 48.2470 | 21.2460 | 0.0 | 1.9 | GT | Tálya |
| 1423. | 2021.11.19 | 12:27:16.6 | 47.3296 | 17.6791 | 0.0 | - | EX | Bakonykoppány |
| 1424. | 2021.11.20 | 10:48:07.6 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 1425. | 2021.11.22 | 09:15:02.6 | 47.6253 | 16.6767 | 0.0 | - | EX | Fertőboz |
| 1426. | 2021.11.22 | 09:59:32.8 | 48.5273 | 20.7733 | 0.0 | 1.6 | EX | Tornaszentandrás |
| 1427. | 2021.11.22 | 10:22:11.2 | 48.4101 | 20.7762 | 0.0 | 1.4 | EX | Galvács |
| 1428. | 2021.11.22 | 19:42:37.0 | 47.8497 | 20.5137 | 7.3 | 1.1 | EQ | Novaj |
| 1429. | 2021.11.23 | 09:41:03.1 | 48.4825 | 20.7648 | 0.0 | - | EX | Martonyi |
| 1430. | 2021.11.23 | 09:58:21.3 | 48.5458 | 17.4246 | 0.0 | 1.4 | EX | Slovakia |
| 1431. | 2021.11.23 | 13:46:33.1 | 48.8975 | 20.6288 | 0.0 | 1.5 | EX | Slovakia |
| 1432. | 2021.11.24 | 03:44:26.7 | 47.7267 | 19.6108 | 7.2 | 0.8 | EQ | Nagykökényes |
| 1433. | 2021.11.24 | 07:01:59.4 | 47.8922 | 16.0917 | 0.0 | 1.2 | EX | Austria |
| 1434. | 2021.11.24 | 07:08:21.8 | 48.0413 | 16.1437 | 0.0 | - | EX | Austria |
| 1435. | 2021.11.24 | 08:22:56.5 | 47.2585 | 17.6771 | 0.0 | - | EX | Bakonybél |
| 1436. | 2021.11.24 | 08:38:52.2 | 46.9320 | 17.4504 | 0.0 | 2.3 | EX | Zalahaláp |
| 1437. | 2021.11.24 | 09:58:53.7 | 48.4721 | 19.3253 | 0.0 | 1.8 | EX | Slovakia |
| 1438. | 2021.11.24 | 10:04:39.1 | 48.5426 | 20.8307 | 0.0 | 1.5 | EX | Becskeháza |
| 1439. | 2021.11.24 | 11:03:03.8 | 48.3305 | 18.1658 | 0.0 | 1.8 | EX | Slovakia |
| 1440. | 2021.11.24 | 11:30:00.5 | 48.4011 | 17.3008 | 0.0 | 1.7 | EX | Slovakia |
| 1441. | 2021.11.24 | 11:41:18.2 | 47.8650 | 20.1529 | 0.0 | 1.6 | GT | Kisnána |
| 1442. | 2021.11.24 | 13:16:04.8 | 47.5600 | 18.4573 | 0.0 | - | GT | Tatabánya |
| 1443. | 2021.11.24 | 14:57:53.8 | 47.6035 | 16.3680 | 0.0 | 1.8 | EX | Austria |
| 1444. | 2021.11.25 | 09:03:09.8 | 47.4366 | 18.3602 | 0.0 | - | EX | Várgesztes |
| 1445. | 2021.11.25 | 10:09:37.2 | 48.3419 | 21.8617 | 0.0 | - | EX | Pácin |
| 1446. | 2021.11.25 | 10:11:17.9 | 48.3125 | 21.9379 | 0.0 | - | EX | Ricse |
| 1447. | 2021.11.25 | 10:45:30.4 | 46.8128 | 22.8282 | 0.0 | 1.9 | EX | Romania |
| 1448. | 2021.11.25 | 12:15:23.2 | 48.5483 | 20.7975 | 0.0 | 1.4 | EX | Bódvalenke |
| 1449. | 2021.11.26 | 09:05:20.7 | 48.4909 | 20.7431 | 0.0 | - | EX | Bódvarákó |
| 1450. | 2021.11.26 | 09:16:09.8 | 46.8176 | 22.7779 | 0.0 | - | EX | Romania |
| 1451. | 2021.11.26 | 09:23:17.0 | 47.4680 | 18.6970 | 0.0 | 1.4 | GT | Etyek |
| 1452. | 2021.11.26 | 09:27:24.1 | 46.1765 | 18.2926 | 0.0 | - | GT | Komló |
| 1453. | 2021.11.26 | 09:31:05.5 | 48.4068 | 19.5341 | 0.0 | 1.6 | EX | Slovakia |
| 1454. | 2021.11.26 | 09:39:15.2 | 47.7200 | 18.5336 | 0.0 | 1.9 | EX | Bajót |
| 1455. | 2021.11.26 | 17:27:58.9 | 46.1683 | 17.3162 | 8.4 | 1.7 | EQ | Tarany |
| 1456. | 2021.11.27 | 02:05:28.8 | 47.3923 | 18.1910 | 9.0 | 0.3 | EQ | Mór |
| 1457. | 2021.11.27 | 13:01:04.8 | 45.7445 | 16.8920 | 8.7 | 2.1 | EQ | Croatia |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|------------------|
| 1458. | 2021.11.28 | 04:39:20.8 | 47.2614 | 18.1976 | 3.7 | 0.6 | EQ | Bakonykúti |
| 1459. | 2021.11.29 | 07:22:57.6 | 47.3167 | 18.3081 | 0.0 | 1.7 | GT | Magyaralmás |
| 1460. | 2021.11.29 | 09:04:53.9 | 48.0317 | 16.1442 | 0.0 | - | EX | Austria |
| 1461. | 2021.11.29 | 09:06:46.0 | 47.8971 | 19.8563 | 0.0 | 1.4 | EX | Mátraszentimre |
| 1462. | 2021.11.29 | 10:02:22.6 | 48.4992 | 17.4382 | 0.0 | - | EX | Slovakia |
| 1463. | 2021.11.29 | 10:09:12.7 | 47.3564 | 18.4276 | 0.0 | 1.8 | EX | Zámoly |
| 1464. | 2021.11.29 | 10:26:18.4 | 47.8355 | 19.1270 | 0.0 | 1.7 | GT | Sejce-Vác |
| 1465. | 2021.11.29 | 11:00:21.0 | 48.1414 | 16.9652 | 0.0 | - | EX | Austria |
| 1466. | 2021.11.29 | 11:12:51.0 | 47.1028 | 18.3476 | 0.0 | 2.0 | EX | Kőszárhegy |
| 1467. | 2021.11.29 | 12:18:39.9 | 47.9897 | 16.6527 | 0.0 | 1.7 | EX | Austria |
| 1468. | 2021.11.30 | 10:08:13.6 | 48.6701 | 17.7405 | 0.0 | 1.4 | EX | Slovakia |
| 1469. | 2021.11.30 | 10:32:46.1 | 48.5362 | 20.8381 | 0.0 | 1.4 | EX | Becskeháza |
| 1470. | 2021.12.01 | 07:41:24.9 | 47.7897 | 19.9450 | 0.0 | 1.9 | EX | Gyöngyös |
| 1471. | 2021.12.01 | 07:54:18.2 | 46.0925 | 22.8912 | 0.0 | 1.9 | EX | Romania |
| 1472. | 2021.12.01 | 08:37:08.7 | 47.9767 | 20.3679 | 0.0 | 1.1 | GT | Eger-III. |
| 1473. | 2021.12.01 | 08:41:44.5 | 47.9657 | 16.6562 | 0.0 | 1.5 | EX | Austria |
| 1474. | 2021.12.01 | 09:52:42.6 | 46.9129 | 17.3739 | 0.0 | - | EX | Uzsa |
| 1475. | 2021.12.01 | 10:49:16.5 | 47.8759 | 16.0906 | 0.0 | 1.8 | EX | Austria |
| 1476. | 2021.12.01 | 11:09:38.5 | 48.4279 | 17.2348 | 0.0 | - | EX | Slovakia |
| 1477. | 2021.12.01 | 13:19:04.6 | 47.5600 | 18.4573 | 0.0 | 1.3 | GT | Tatabánya |
| 1478. | 2021.12.02 | 07:53:26.2 | 47.3632 | 18.4093 | 0.0 | 1.8 | EX | Gánt |
| 1479. | 2021.12.02 | 08:47:48.1 | 48.4231 | 21.4273 | 0.0 | 1.4 | EX | Kishuta |
| 1480. | 2021.12.02 | 09:31:57.7 | 48.3221 | 19.8580 | 0.0 | 1.5 | EX | Slovakia |
| 1481. | 2021.12.02 | 09:39:07.0 | 48.4700 | 20.6665 | 0.0 | - | EX | Varbóc |
| 1482. | 2021.12.02 | 10:16:53.3 | 48.2470 | 21.2460 | 0.0 | 2.0 | GT | Tállya |
| 1483. | 2021.12.02 | 10:35:02.1 | 48.3178 | 21.4993 | 0.0 | - | EX | Hercegkút |
| 1484. | 2021.12.02 | 11:14:21.0 | 48.7813 | 21.2269 | 0.0 | 1.7 | EX | Slovakia |
| 1485. | 2021.12.02 | 11:56:18.5 | 48.5035 | 20.7845 | 0.0 | 1.5 | EX | Tornaszentandrás |
| 1486. | 2021.12.02 | 21:58:51.1 | 45.8428 | 21.5242 | 0.2 | 1.6 | EQ | Romania |
| 1487. | 2021.12.03 | 07:51:57.1 | 46.7805 | 22.7567 | 0.0 | - | EX | Romania |
| 1488. | 2021.12.03 | 08:59:42.7 | 48.3937 | 17.3927 | 0.0 | 1.8 | EX | Slovakia |
| 1489. | 2021.12.03 | 09:10:06.0 | 48.3356 | 21.4634 | 0.0 | - | EX | Komlóska |
| 1490. | 2021.12.03 | 09:36:48.4 | 47.8355 | 19.1270 | 0.0 | 1.7 | GT | Sejce-Vác |
| 1491. | 2021.12.03 | 09:55:18.5 | 47.3744 | 18.4117 | 0.0 | 1.3 | EX | Gánt |
| 1492. | 2021.12.03 | 11:08:01.0 | 48.5455 | 20.7639 | 0.0 | 1.3 | EX | Komjáti |
| 1493. | 2021.12.06 | 08:45:40.1 | 47.3909 | 18.3569 | 0.0 | - | EX | Gánt |
| 1494. | 2021.12.06 | 10:03:37.1 | 48.5179 | 17.4661 | 0.0 | - | EX | Slovakia |
| 1495. | 2021.12.06 | 11:41:31.2 | 48.7573 | 21.2106 | 0.0 | - | EX | Slovakia |
| 1496. | 2021.12.06 | 17:00:31.4 | 47.8508 | 16.2916 | 11.0 | 0.8 | EQ | Austria |
| 1497. | 2021.12.07 | 01:20:53.8 | 45.7459 | 17.4652 | 6.7 | 2.0 | EQ | Croatia |
| 1498. | 2021.12.07 | 08:02:19.0 | 47.9767 | 20.3679 | 0.0 | 1.4 | GT | Eger-III. |
| 1499. | 2021.12.07 | 08:11:07.0 | 47.3167 | 18.3081 | 0.0 | 1.4 | GT | Magyaralmás |
| 1500. | 2021.12.07 | 08:46:29.2 | 46.0584 | 22.8424 | 0.0 | 1.7 | EX | Romania |
| 1501. | 2021.12.07 | 09:39:24.5 | 46.2128 | 18.2654 | 0.0 | - | EX | Komló |
| 1502. | 2021.12.07 | 10:03:42.5 | 47.9301 | 16.0804 | 0.0 | - | EX | Austria |
| 1503. | 2021.12.07 | 10:21:19.7 | 48.5923 | 20.9253 | 0.0 | 1.8 | EX | Slovakia |
| 1504. | 2021.12.07 | 10:28:38.0 | 48.5122 | 20.7696 | 0.0 | 1.3 | EX | Tornaszentandrás |
| 1505. | 2021.12.07 | 11:16:37.4 | 47.5600 | 18.4573 | 0.0 | 1.4 | GT | Tatabánya |
| 1506. | 2021.12.07 | 11:23:17.7 | 48.7018 | 19.2009 | 0.0 | 1.8 | EX | Slovakia |
| 1507. | 2021.12.07 | 12:32:25.2 | 46.7886 | 22.7995 | 0.0 | 2.0 | EX | Romania |
| 1508. | 2021.12.08 | 08:02:36.9 | 48.5085 | 17.5220 | 0.0 | 2.1 | EX | Slovakia |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|------------------|
| 1509. | 2021.12.08 | 09:55:56.3 | 46.8856 | 17.2843 | 0.0 | 2.0 | EX | Várvölgy |
| 1510. | 2021.12.08 | 10:19:41.1 | 46.1170 | 18.0553 | 0.0 | 1.7 | EX | Hetvehely |
| 1511. | 2021.12.08 | 10:21:19.4 | 48.5680 | 20.7665 | 0.0 | 1.7 | EX | Slovakia |
| 1512. | 2021.12.08 | 10:34:26.3 | 47.1293 | 17.8868 | 0.0 | 1.9 | EX | Veszprém |
| 1513. | 2021.12.08 | 11:47:39.3 | 46.9050 | 22.7432 | 0.0 | - | EX | Romania |
| 1514. | 2021.12.09 | 08:51:53.5 | 47.3655 | 18.4073 | 0.0 | 2.2 | EX | Gánt |
| 1515. | 2021.12.09 | 09:50:04.6 | 48.2470 | 21.2460 | 0.0 | 1.9 | GT | Tállya |
| 1516. | 2021.12.09 | 10:06:09.3 | 48.4248 | 18.8124 | 0.0 | 1.8 | EX | Slovakia |
| 1517. | 2021.12.09 | 10:42:11.0 | 48.5070 | 19.3929 | 0.0 | 1.7 | EX | Slovakia |
| 1518. | 2021.12.09 | 10:56:07.5 | 46.7778 | 22.7400 | 0.0 | - | EX | Romania |
| 1519. | 2021.12.10 | 08:06:03.2 | 47.5380 | 18.6920 | 0.0 | 1.3 | GT | Mány |
| 1520. | 2021.12.10 | 08:19:26.8 | 46.8839 | 22.8723 | 0.0 | - | EX | Romania |
| 1521. | 2021.12.10 | 08:52:52.5 | 45.7928 | 18.4423 | 0.0 | - | GT | Beremend |
| 1522. | 2021.12.10 | 09:04:08.8 | 48.6875 | 18.4263 | 0.0 | 1.9 | EX | Slovakia |
| 1523. | 2021.12.10 | 09:16:18.2 | 47.0176 | 22.3262 | 0.0 | 2.2 | EX | Romania |
| 1524. | 2021.12.10 | 09:26:55.7 | 47.8355 | 19.1270 | 0.0 | 1.6 | GT | Sejce-Vác |
| 1525. | 2021.12.10 | 10:14:15.7 | 48.5968 | 20.7561 | 0.0 | 1.4 | EX | Slovakia |
| 1526. | 2021.12.10 | 11:00:33.9 | 48.1338 | 17.0237 | 0.0 | 1.8 | EX | Austria |
| 1527. | 2021.12.10 | 11:54:16.2 | 47.8650 | 20.1529 | 0.0 | 1.4 | GT | Kisnána |
| 1528. | 2021.12.10 | 13:25:04.9 | 48.0258 | 19.6452 | 0.0 | 0.7 | EQ | Kisbárkány |
| 1529. | 2021.12.10 | 14:47:33.7 | 48.3883 | 17.2563 | 0.0 | 2.1 | EX | Slovakia |
| 1530. | 2021.12.11 | 11:15:20.7 | 46.1195 | 21.6841 | 0.0 | 1.8 | EX | Romania |
| 1531. | 2021.12.11 | 13:04:50.6 | 46.8377 | 22.6090 | 0.0 | - | EX | Romania |
| 1532. | 2021.12.11 | 13:20:05.1 | 46.1918 | 17.3689 | 0.0 | 1.8 | EQ | Nagyatád |
| 1533. | 2021.12.13 | 09:38:50.3 | 46.8558 | 22.8033 | 0.0 | 2.0 | EX | Romania |
| 1534. | 2021.12.13 | 10:21:58.2 | 48.5481 | 20.8027 | 0.0 | 1.6 | EX | Bódvalenke |
| 1535. | 2021.12.13 | 11:53:16.3 | 48.3406 | 19.8544 | 0.0 | 1.7 | EX | Slovakia |
| 1536. | 2021.12.13 | 12:10:55.6 | 47.5600 | 18.4573 | 0.0 | - | GT | Tatabánya |
| 1537. | 2021.12.13 | 12:34:00.2 | 47.5600 | 18.4573 | 0.0 | 1.5 | GT | Tatabánya |
| 1538. | 2021.12.13 | 14:00:30.6 | 47.2470 | 16.3707 | 0.0 | 1.8 | EX | Austria |
| 1539. | 2021.12.14 | 07:23:03.6 | 47.3167 | 18.3081 | 0.0 | - | GT | Magyaralmás |
| 1540. | 2021.12.14 | 07:27:57.8 | 46.0535 | 22.8695 | 0.0 | 1.7 | EX | Romania |
| 1541. | 2021.12.14 | 10:16:15.8 | 48.6348 | 21.4593 | 0.0 | 1.8 | EX | Slovakia |
| 1542. | 2021.12.14 | 10:22:44.8 | 46.0066 | 22.8367 | 0.0 | 1.8 | EX | Romania |
| 1543. | 2021.12.14 | 10:34:18.3 | 47.2302 | 18.2835 | 0.0 | - | GT | Iszkaszentgyörgy |
| 1544. | 2021.12.14 | 10:38:11.6 | 48.2151 | 19.7846 | 0.0 | 1.7 | EX | Slovakia |
| 1545. | 2021.12.14 | 10:47:45.5 | 48.0061 | 19.6278 | 0.0 | 1.3 | GT | Nagylóc |
| 1546. | 2021.12.14 | 11:00:21.4 | 48.1469 | 17.0028 | 0.0 | 1.8 | EX | Slovakia |
| 1547. | 2021.12.14 | 11:16:39.0 | 48.4746 | 20.7245 | 0.0 | - | EX | Perkupa |
| 1548. | 2021.12.14 | 11:32:37.4 | 48.8424 | 21.2235 | 0.0 | 1.8 | EX | Slovakia |
| 1549. | 2021.12.14 | 12:36:28.0 | 46.1368 | 16.4147 | 11.0 | 1.6 | EQ | Croatia |
| 1550. | 2021.12.14 | 13:24:43.1 | 48.5368 | 20.8150 | 0.0 | 1.3 | EX | Bódvalenke |
| 1551. | 2021.12.15 | 09:13:45.9 | 46.8460 | 22.8050 | 0.0 | 2.0 | EX | Romania |
| 1552. | 2021.12.15 | 09:21:03.7 | 46.9697 | 17.3077 | 0.0 | - | EX | Sümege |
| 1553. | 2021.12.15 | 10:24:47.3 | 48.5412 | 20.7916 | 0.0 | 1.8 | EX | Bódvalenke |
| 1554. | 2021.12.15 | 10:33:04.6 | 48.2149 | 19.8738 | 0.0 | 1.3 | EX | Slovakia |
| 1555. | 2021.12.15 | 11:14:46.8 | 48.3486 | 18.1582 | 0.0 | 2.0 | EX | Slovakia |
| 1556. | 2021.12.15 | 14:08:33.2 | 47.8954 | 16.4677 | 0.0 | - | EX | Austria |
| 1557. | 2021.12.16 | 07:34:16.1 | 48.6738 | 20.2431 | 0.0 | 1.7 | EX | Slovakia |
| 1558. | 2021.12.16 | 08:42:36.1 | 47.9697 | 16.6896 | 0.0 | 1.5 | EX | Austria |
| 1559. | 2021.12.16 | 08:57:47.6 | 47.9767 | 20.3679 | 0.0 | 1.4 | GT | Eger-III. |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|------------------|
| 1560. | 2021.12.16 | 09:18:16.1 | 46.7325 | 22.9926 | 0.0 | 1.7 | EX | Romania |
| 1561. | 2021.12.16 | 09:25:28.4 | 48.3511 | 19.0294 | 0.0 | 2.0 | EX | Slovakia |
| 1562. | 2021.12.16 | 09:31:05.2 | 47.7308 | 18.5917 | 0.0 | 1.9 | EX | Mogyorósbánya |
| 1563. | 2021.12.16 | 09:38:11.6 | 48.4932 | 20.8033 | 0.0 | 1.4 | EX | Tornabarakony |
| 1564. | 2021.12.16 | 10:31:06.8 | 48.4801 | 20.7946 | 0.0 | - | EX | Tornabarakony |
| 1565. | 2021.12.16 | 12:32:20.0 | 47.8841 | 16.0907 | 0.0 | 1.4 | EX | Austria |
| 1566. | 2021.12.16 | 12:34:04.1 | 47.8851 | 16.0742 | 0.0 | 1.0 | EX | Austria |
| 1567. | 2021.12.16 | 12:35:34.9 | 47.8604 | 16.0591 | 0.0 | 0.8 | EX | Austria |
| 1568. | 2021.12.16 | 22:07:38.3 | 46.1668 | 21.7275 | 5.8 | 1.6 | EQ | Romania |
| 1569. | 2021.12.17 | 07:36:59.6 | 48.6082 | 18.5111 | 0.0 | 2.0 | EX | Slovakia |
| 1570. | 2021.12.17 | 08:49:29.8 | 46.8173 | 22.8292 | 0.0 | - | EX | Romania |
| 1571. | 2021.12.17 | 09:03:53.9 | 48.5711 | 18.5370 | 0.0 | 1.8 | EX | Slovakia |
| 1572. | 2021.12.17 | 09:47:55.2 | 48.5228 | 20.8028 | 0.0 | 1.5 | EX | Tornaszentandrás |
| 1573. | 2021.12.17 | 10:18:59.7 | 48.9440 | 21.2555 | 0.0 | 1.7 | EX | Slovakia |
| 1574. | 2021.12.17 | 10:37:28.0 | 46.1157 | 18.1029 | 0.0 | 2.0 | EX | Abaliget |
| 1575. | 2021.12.17 | 10:44:57.3 | 47.6712 | 16.6990 | 0.0 | - | EX | Fertőboz |
| 1576. | 2021.12.17 | 10:50:08.4 | 47.8670 | 16.0132 | 0.0 | - | EX | Austria |
| 1577. | 2021.12.17 | 11:12:21.0 | 47.8968 | 19.1710 | 0.0 | 1.5 | EX | Felsőpetény |
| 1578. | 2021.12.17 | 11:52:33.7 | 47.9028 | 20.1282 | 0.0 | 1.5 | EX | Recsk |
| 1579. | 2021.12.17 | 11:55:31.6 | 46.8937 | 22.7842 | 0.0 | - | EX | Romania |
| 1580. | 2021.12.20 | 10:28:39.4 | 48.5367 | 20.7895 | 0.0 | 1.5 | EX | Bódvalenke |
| 1581. | 2021.12.21 | 09:19:11.2 | 47.8631 | 16.0932 | 0.0 | 1.5 | EX | Austria |
| 1582. | 2021.12.21 | 10:28:28.6 | 47.8937 | 16.0767 | 0.0 | 1.5 | EX | Austria |
| 1583. | 2021.12.21 | 10:53:27.5 | 48.6203 | 19.6595 | 0.0 | 1.5 | EX | Slovakia |
| 1584. | 2021.12.21 | 10:56:13.8 | 48.4686 | 20.7760 | 0.0 | 1.5 | EX | Martonyi |
| 1585. | 2021.12.21 | 22:17:08.2 | 45.7247 | 17.8799 | 15.0 | 1.3 | EQ | Croatia |
| 1586. | 2021.12.22 | 02:51:59.6 | 47.3181 | 18.0682 | 11.9 | 0.2 | EQ | Bakonycsérnye |
| 1587. | 2021.12.22 | 07:24:42.1 | 46.0798 | 22.8308 | 0.0 | 1.7 | EX | Romania |
| 1588. | 2021.12.22 | 07:33:27.2 | 47.8794 | 16.0732 | 0.0 | - | EX | Austria |
| 1589. | 2021.12.22 | 08:06:19.9 | 47.1240 | 18.0700 | 0.0 | 1.7 | GT | Vilonya |
| 1590. | 2021.12.22 | 08:51:47.4 | 48.3976 | 20.7392 | 0.0 | 0.8 | EX | Szendró |
| 1591. | 2021.12.22 | 09:34:27.9 | 46.0508 | 22.8617 | 0.0 | 1.7 | EX | Romania |
| 1592. | 2021.12.22 | 10:40:02.2 | 48.8114 | 21.2302 | 0.0 | 1.6 | EX | Slovakia |
| 1593. | 2021.12.22 | 10:42:04.2 | 48.6590 | 19.9461 | 0.0 | 1.4 | EX | Slovakia |
| 1594. | 2021.12.23 | 09:45:18.1 | 48.4865 | 20.7887 | 0.0 | 1.6 | EX | Tornabarakony |
| 1595. | 2021.12.24 | 09:28:56.7 | 45.7528 | 21.5581 | 0.2 | 2.7 | EQ | Romania |
| 1596. | 2021.12.24 | 17:04:49.6 | 45.6673 | 21.6142 | 12.0 | 1.8 | EQ | Romania |
| 1597. | 2021.12.25 | 07:18:21.3 | 46.4689 | 16.2094 | 5.0 | 3.7 | EQ | Slovenia |
| 1598. | 2021.12.25 | 19:59:21.9 | 46.0432 | 16.9746 | 12.0 | 1.8 | EQ | Croatia |
| 1599. | 2021.12.26 | 01:41:01.0 | 45.7461 | 21.5938 | 4.5 | - | EQ | Romania |
| 1600. | 2021.12.27 | 11:50:27.6 | 46.4621 | 16.2058 | 6.4 | 2.4 | EQ | Slovenia |
| 1601. | 2021.12.27 | 12:15:33.1 | 45.5534 | 17.3479 | 0.0 | 1.6 | EX | Croatia |
| 1602. | 2021.12.27 | 18:07:15.3 | 46.4739 | 16.1929 | 3.2 | 2.0 | EQ | Slovenia |
| 1603. | 2021.12.28 | 07:50:19.1 | 46.0533 | 22.8142 | 0.0 | 1.4 | EX | Romania |
| 1604. | 2021.12.28 | 08:54:15.2 | 46.0548 | 22.8678 | 0.0 | 1.6 | EX | Romania |
| 1605. | 2021.12.28 | 08:57:07.6 | 48.4966 | 20.7513 | 0.0 | 1.4 | EX | Bódvarákó |
| 1606. | 2021.12.28 | 09:40:00.2 | 48.7935 | 21.2165 | 0.0 | 1.6 | EX | Slovakia |
| 1607. | 2021.12.28 | 09:53:19.6 | 47.9587 | 16.6262 | 0.0 | 1.5 | EX | Austria |
| 1608. | 2021.12.28 | 13:10:06.1 | 47.8662 | 16.0859 | 0.0 | 1.8 | EX | Austria |
| 1609. | 2021.12.29 | 08:07:38.2 | 47.1240 | 18.0700 | 0.0 | 1.7 | GT | Vilonya |
| 1610. | 2021.12.29 | 13:44:08.5 | 47.8574 | 16.0698 | 0.0 | 1.7 | EX | Austria |

| | Date | Time | Lat. (°N) | Lon. (°E) | Depth (km) | Magnitude | Type | Locality |
|-------|------------|------------|--------------|--------------|---------------|-----------|------|-----------|
| 1611. | 2021.12.30 | 04:39:31.4 | 45.7380 | 21.5066 | 6.8 | - | EQ | Romania |
| 1612. | 2021.12.30 | 09:00:15.0 | 48.8211 | 21.8013 | 0.0 | 1.8 | EX | Slovakia |
| 1613. | 2021.12.30 | 09:47:41.7 | 46.1221 | 18.0491 | 0.0 | 1.4 | EX | Hetvehely |
| 1614. | 2021.12.30 | 10:11:44.6 | 46.1003 | 22.6915 | 0.0 | 1.8 | EX | Romania |
| 1615. | 2021.12.30 | 11:06:44.9 | 45.9919 | 22.7218 | 0.0 | 1.7 | EX | Romania |
| 1616. | 2021.12.30 | 18:02:59.9 | 47.8300 | 16.2165 | 9.9 | 1.4 | EQ | Austria |

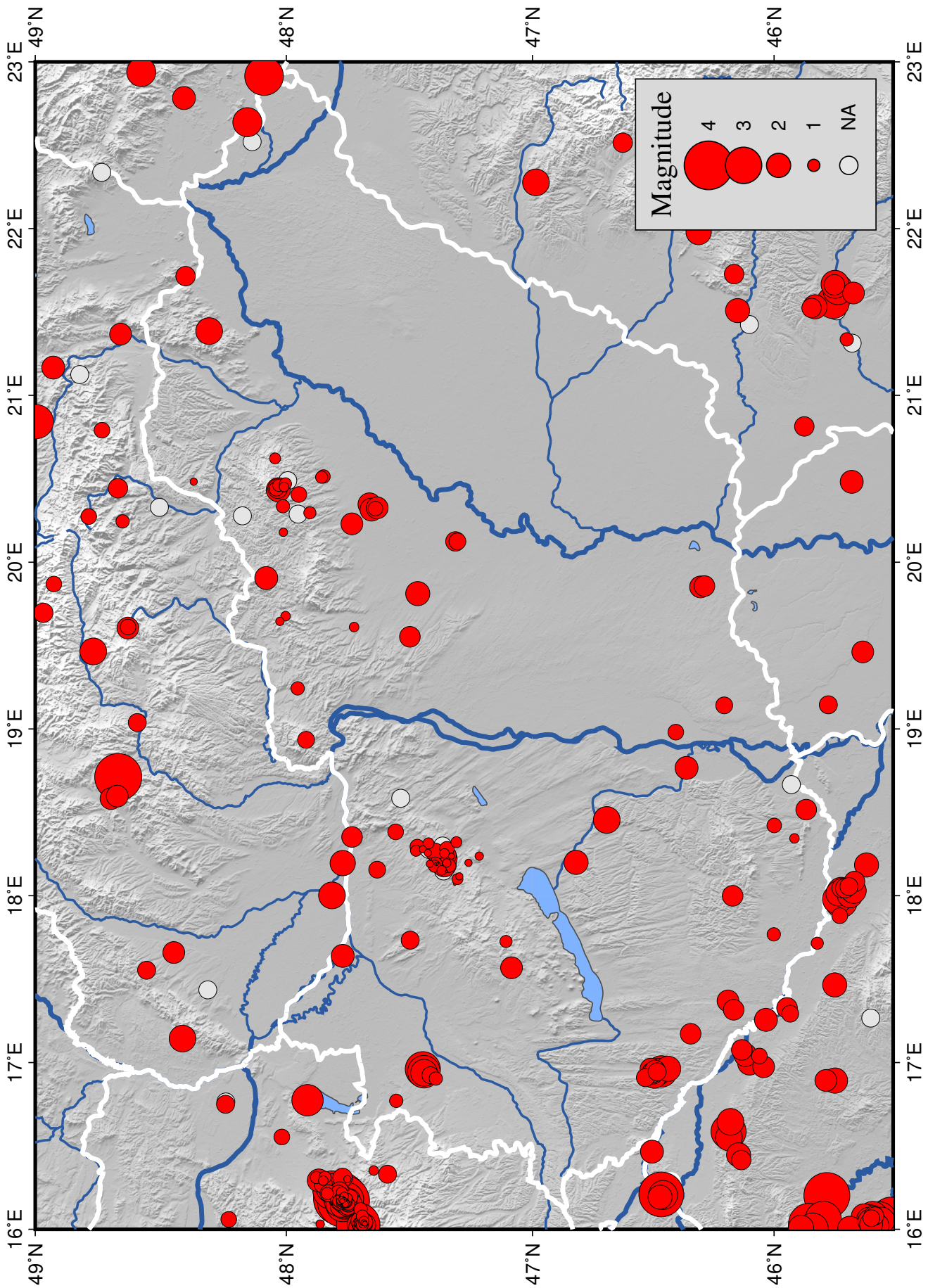


Figure 2.1: The epicenters of the located earthquakes in 2021. The earthquakes with unknown magnitudes are marked by gray circles.

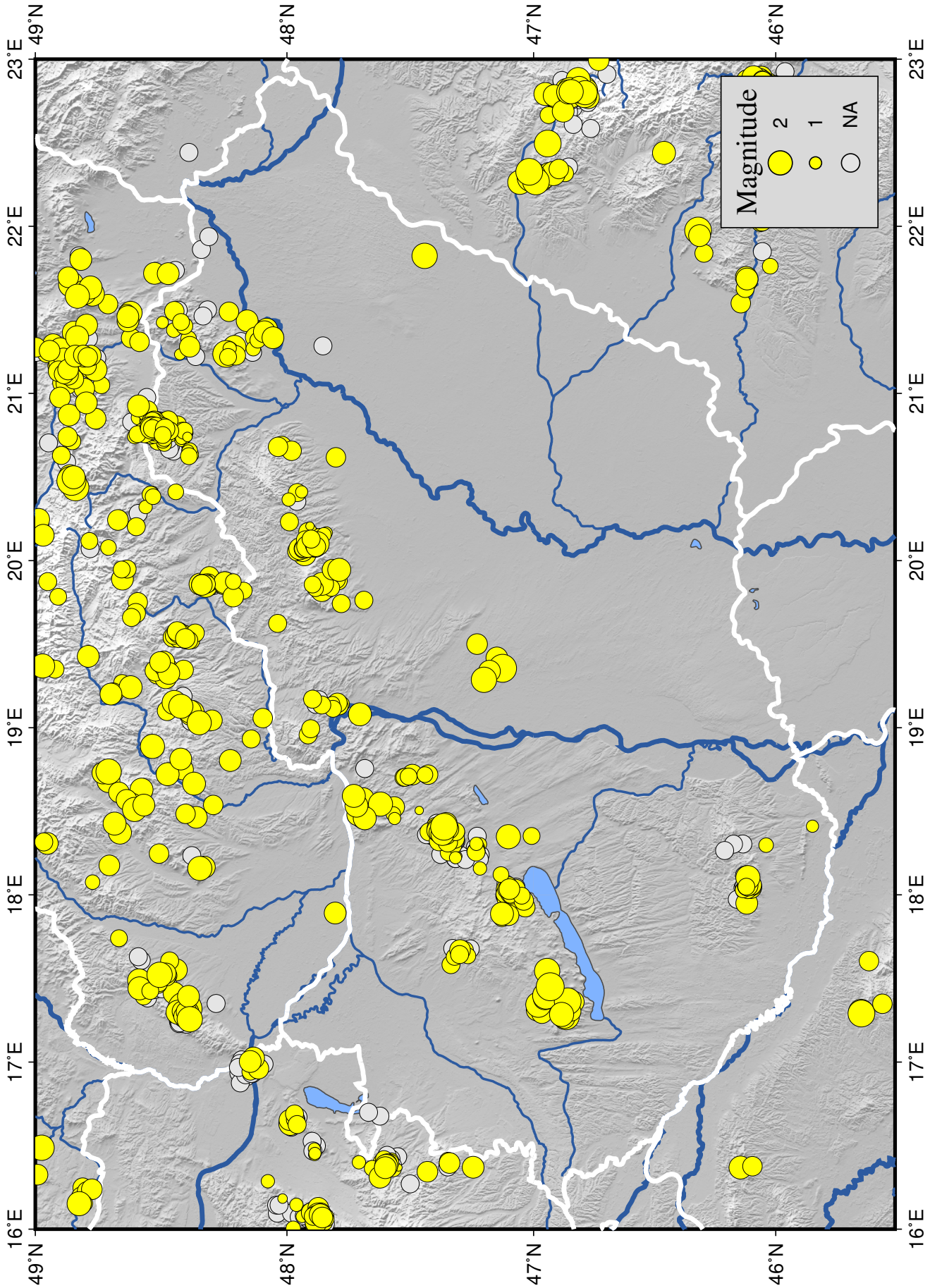


Figure 2.2: The epicenters of the located explosions in 2021. The explosions with unknown magnitudes are marked by gray circles.

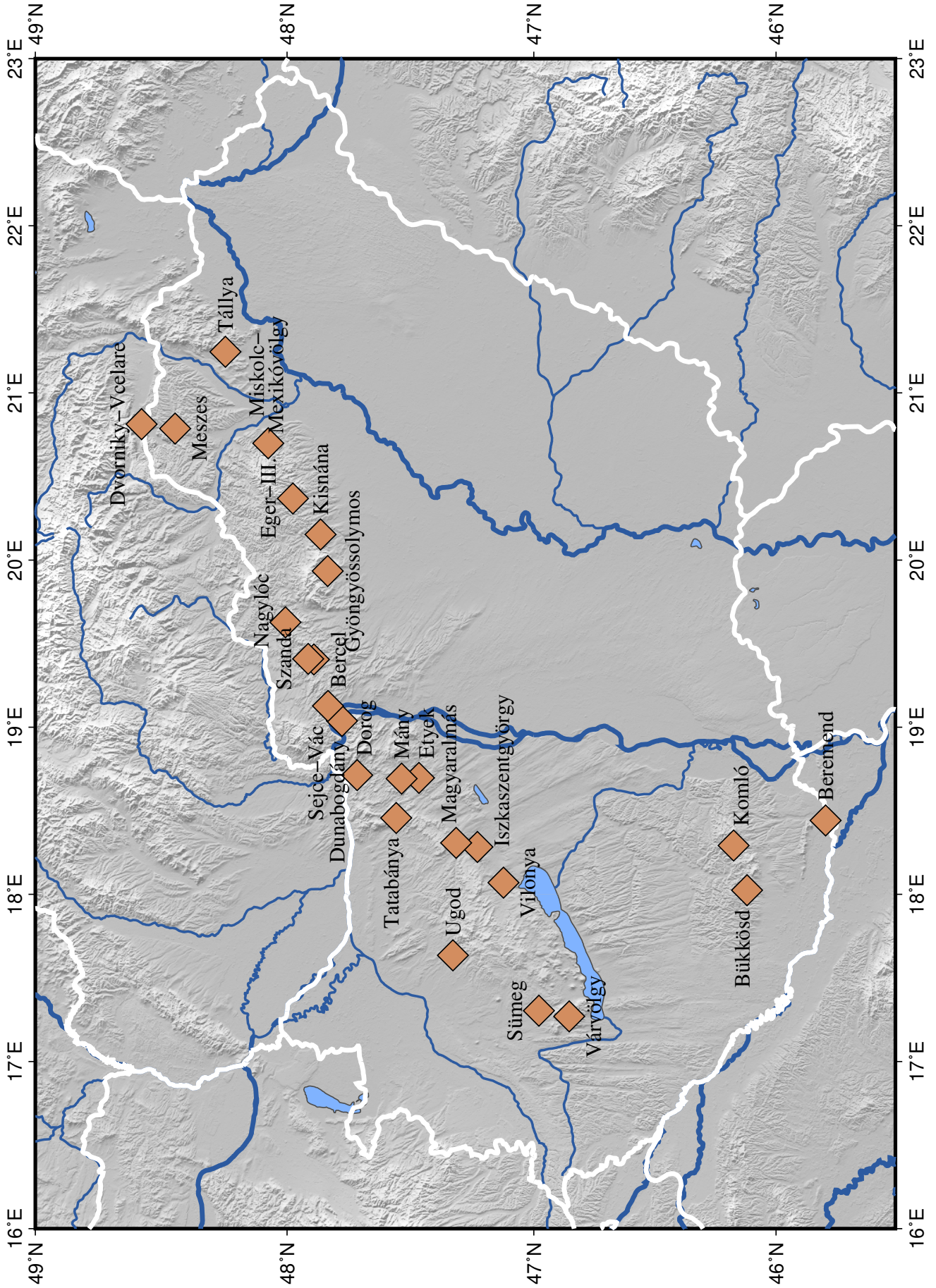


Figure 2.3: The location of the quarries with identified explosions (ground truth events).

3. Macroseismic data

During the year 2021, 10 earthquakes have been felt by the public in the territory of Hungary (Table 3.1). Two of them occurred in Croatia, outside of the area of this bulletin (latitudes 45.5-49.0°N and longitudes 16.0-23.0°E), hence their hypocentral and phase data are not shown in Chapter 2 and Chapter 4. The hypocentral parameters of these events and the maximum intensity (reported from the territory of Hungary) are shown in Table 3.1.

Macroseismic questionnaires were collected via the online form on the website of the KRSO. In this Chapter the results of European Macroseismic Scale (Grünthal, 1998) based intensity estimations are presented.

In Tables 3.2-3.11 the name of settlements, their coordinates, the estimated EMS intensity values and the number of reports (N) can be seen. Figures 3.1-3.10 show the spatial distribution of the intensity values.

| Date | Time | Lat. (°N) | Lon. (°N) | Depth (km) | Magn. (ML) | Max. intensity (EMS) |
|------------|------------|-----------|-----------|------------|------------|----------------------|
| 2021.01.06 | 17:01:43.9 | 45.4046 | 16.2739 | 9.9 | 5.5 | IV-V |
| 2021.01.09 | 21:29:10.0 | 45.3340 | 16.3265 | 3.5 | 4.8 | III |
| 2021.03.02 | 03:12:28.5 | 46.4686 | 16.9461 | 7.9 | 2.6 | III-IV |
| 2021.03.30 | 16:25:01.3 | 47.7829 | 16.1838 | 9.4 | 4.4 | IV |
| 2021.04.19 | 22:57:12.2 | 47.7695 | 16.1681 | 12.1 | 4.3 | IV |
| 2021.08.29 | 21:57:28.3 | 47.7727 | 18.1957 | 4.6 | 2.1 | III-IV |
| 2021.09.18 | 03:05:01.1 | 47.4429 | 16.9383 | 8.4 | 2.2 | III |
| 2021.09.18 | 03:07:04.2 | 47.4478 | 16.9600 | 5.7 | 2.9 | IV |
| 2021.09.18 | 04:47:05.2 | 47.4437 | 16.9451 | 5.2 | 2.7 | IV |
| 2021.10.27 | 01:44:58.4 | 48.0891 | 22.9138 | 5.6 | 3.2 | III |

Table 3.1: Parameters of the Hungarian earthquakes felt by the public

2021.01.06 17:01 – Croatia

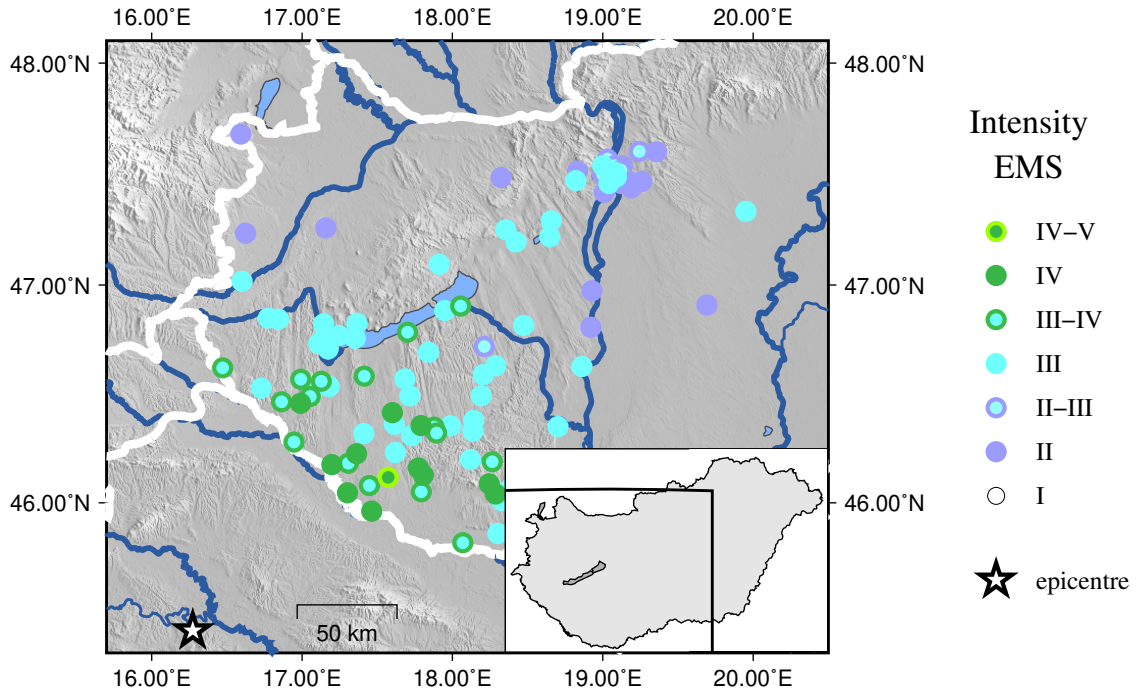


Figure 3.1:

EMS intensity distribution for the earthquake of 2021.01.06 17:01 UTC

Table 3.2: Felt EMS intensities for the earthquake of 2021.01.06 17:01 UTC

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|-----------------|---------------|----------------|-----------------|----|
| Balatonyörök | 46.757 | 17.354 | III | 1 |
| Balatonlelle | 46.785 | 17.702 | III-IV | 2 |
| Barcs | 45.961 | 17.463 | IV | 3 |
| Bátaszék | 46.194 | 18.725 | III | 1 |
| Bázakerettye | 46.528 | 16.729 | III | 1 |
| Beleg | 46.320 | 17.410 | III | 1 |
| Biatorbágy | 47.473 | 18.820 | III | 1 |
| Bodolyabér | 46.200 | 18.120 | III | 1 |
| Bolhó | 46.046 | 17.302 | IV | 1 |
| Budapest II. | 47.540 | 19.000 | III | 4 |
| Budapest III. | 47.570 | 19.030 | II-III | 8 |
| Budapest VII. | 47.510 | 19.080 | III | 6 |
| Budapest VIII. | 47.490 | 19.090 | III | 4 |
| Budapest X. | 47.480 | 19.150 | II | 2 |
| Budapest XI. | 47.460 | 19.040 | III | 11 |
| Budapest XII. | 47.500 | 19.000 | II-III | 3 |
| Budapest XIII. | 47.540 | 19.080 | II-III | 6 |
| Budapest XIV. | 47.520 | 19.120 | II-III | 5 |
| Budapest XV. | 47.540 | 19.130 | II | 1 |
| Budapest XVII. | 47.470 | 19.260 | II | 1 |
| Budapest XVIII. | 47.440 | 19.190 | II | 4 |
| Budapest XIX. | 47.460 | 19.120 | II | 2 |
| Budapest XXII. | 47.420 | 19.010 | II | 1 |
| Celldömölk | 47.259 | 17.158 | II | 1 |

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|------------------|---------------|----------------|-----------------|----|
| Csokonyavisonta | 46.080 | 17.448 | III-IV | 1 |
| Cún | 45.815 | 18.069 | III-IV | 1 |
| Dalmand | 46.494 | 18.191 | III | 1 |
| Dombóvár | 46.380 | 18.142 | III | 7 |
| Dunaföldvár | 46.807 | 18.921 | II | 1 |
| Dunaújváros | 46.974 | 18.928 | II | 2 |
| Ellend | 46.061 | 18.377 | III | 1 |
| Felspáhok | 46.785 | 17.159 | III | 1 |
| Gelsesziget | 46.570 | 16.992 | III-IV | 1 |
| Gödöllő | 47.603 | 19.358 | II | 1 |
| Homokszentgyörgy | 46.118 | 17.573 | IV-V | 1 |
| Kadarkút | 46.232 | 17.620 | III | 1 |
| Kaposszekcs | 46.331 | 18.136 | III | 1 |
| Kaposvár | 46.357 | 17.791 | IV | 29 |
| Karád | 46.693 | 17.840 | III | 1 |
| Kecskemét | 46.909 | 19.693 | II | 1 |
| Keszthely | 46.769 | 17.246 | III | 1 |
| Kiskorpád | 46.363 | 17.613 | III | 1 |
| Kisrécse | 46.503 | 17.064 | III | 2 |
| Komló | 46.190 | 18.265 | III-IV | 4 |
| Körmend | 47.017 | 16.601 | III | 1 |
| Kozármisleny | 46.041 | 18.287 | IV | 2 |
| Marcali | 46.584 | 17.414 | III-IV | 3 |
| Mezszilas | 46.816 | 18.474 | III | 1 |
| Mogyoród | 47.604 | 19.243 | II-III | 1 |
| Mohács | 45.989 | 18.683 | III | 1 |
| Mosdós | 46.356 | 17.987 | III | 1 |
| Nagyatád | 46.227 | 17.363 | IV | 6 |
| Nagykanizsa | 46.459 | 16.990 | IV | 30 |
| Nagykónyi | 46.591 | 18.205 | III | 1 |
| Nagyrecse | 46.490 | 17.055 | III-IV | 2 |
| Nagyszokoly | 46.720 | 18.212 | II-III | 1 |
| Nemesbük | 46.823 | 17.144 | III | 1 |
| Nemesvita | 46.825 | 17.365 | III | 1 |
| Oroszlány | 47.487 | 18.323 | II | 1 |
| Paks | 46.628 | 18.861 | III | 1 |
| Páty | 47.515 | 18.833 | II | 1 |
| Pázmánd | 47.291 | 18.657 | III | 1 |
| Pécs | 46.088 | 18.245 | IV | 53 |
| Rédics | 46.622 | 16.472 | III-IV | 1 |
| Rigyác | 46.466 | 16.864 | III-IV | 1 |
| Sántos | 46.350 | 17.878 | III-IV | 1 |
| Sárkeresztes | 47.251 | 18.355 | III | 1 |
| Sármellék | 46.708 | 17.173 | III | 1 |
| Siklós | 45.857 | 18.302 | III | 1 |
| Siófok | 46.904 | 18.055 | III-IV | 1 |
| Somogyhárság | 46.161 | 17.774 | IV | 1 |
| Somogyjád | 46.493 | 17.717 | III | 2 |
| Somogysárd | 46.416 | 17.601 | IV | 1 |
| Somogyudvarhely | 46.177 | 17.198 | IV | 2 |
| Somogyvámos | 46.571 | 17.685 | III | 1 |
| Sopron | 47.682 | 16.593 | II | 1 |

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|----------------|---------------|----------------|-----------------|----|
| Székesfehérvár | 47.196 | 18.423 | III | 15 |
| Szekszárd | 46.352 | 18.702 | III | 11 |
| Szemely | 46.009 | 18.328 | III | 1 |
| Szena | 46.310 | 17.730 | III | 1 |
| Szentbalázs | 46.322 | 17.894 | III-IV | 1 |
| Szigetvár | 46.051 | 17.793 | III-IV | 1 |
| Szombathely | 47.235 | 16.624 | II | 2 |
| Szulimán | 46.128 | 17.806 | IV | 1 |
| Tamási | 46.631 | 18.287 | III | 1 |
| Tápiógyörgye | 47.334 | 19.951 | III | 1 |
| Tarany | 46.183 | 17.307 | III-IV | 1 |
| Teskánd | 46.849 | 16.776 | III | 1 |
| Velencefürd | 47.219 | 18.648 | III | 1 |
| Veszprém | 47.094 | 17.913 | III | 7 |
| Zákány | 46.281 | 16.946 | III-IV | 4 |
| Zalaapáti | 46.734 | 17.111 | III | 1 |
| Zalaegerszeg | 46.844 | 16.844 | III | 12 |
| Zalakaros | 46.560 | 17.128 | III-IV | 2 |
| Zalakomár | 46.536 | 17.181 | III | 1 |
| Zamárdi | 46.883 | 17.949 | III | 1 |

2021.01.09 21:29 – Croatia

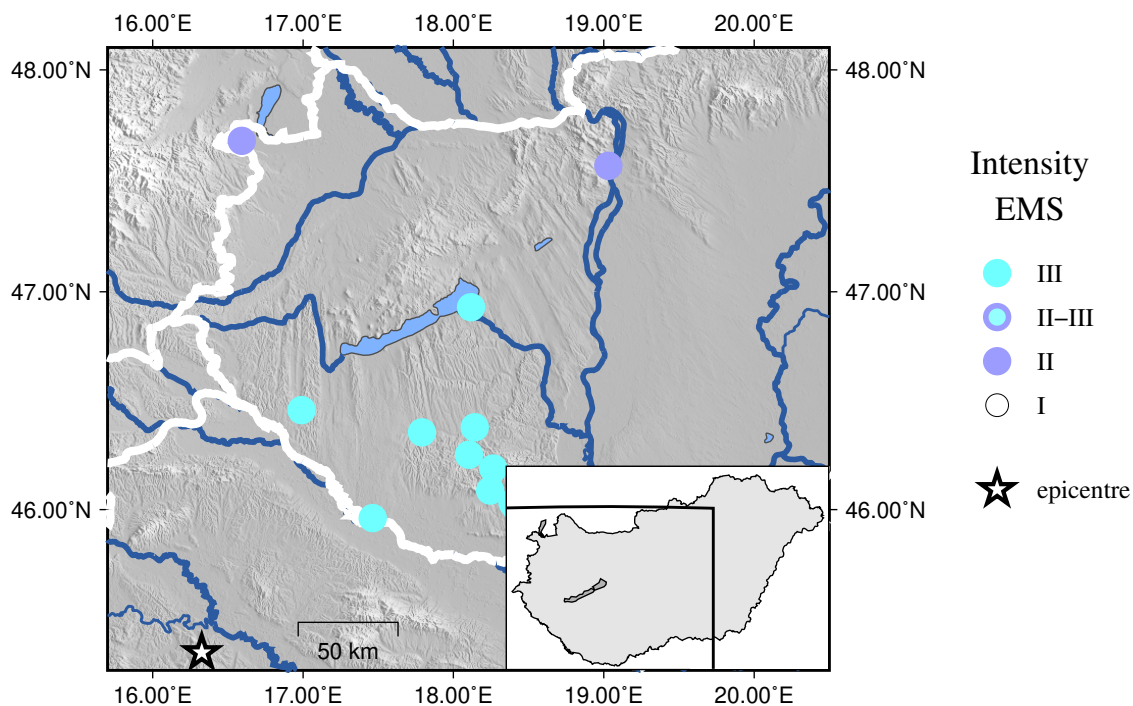


Figure 3.2:

EMS intensity distribution for the earthquake of 2021.01.09 21:29 UTC

Table 3.3: Felt EMS intensities for the earthquake of 2021.01.09 21:29 UTC

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|----------------|---------------|----------------|-----------------|----|
| Balatonszabadi | 46.930 | 18.117 | III | 1 |
| Barcs | 45.961 | 17.463 | III | 2 |
| Budapest III | 47.570 | 19.030 | II | 1 |
| Dombóvár | 46.380 | 18.142 | III | 2 |
| Hásságy | 46.032 | 18.392 | III | 1 |
| Kaposvár | 46.357 | 17.791 | III | 3 |
| Komló | 46.190 | 18.265 | III | 1 |
| Nagykanizsa | 46.459 | 16.990 | III | 1 |
| Olasz | 46.011 | 18.414 | III | 1 |
| Pécs | 46.088 | 18.245 | III | 10 |
| Sásd | 46.254 | 18.103 | III | 1 |
| Sopron | 47.682 | 16.593 | II | 1 |

2021.03.02 03:12 – Sormás

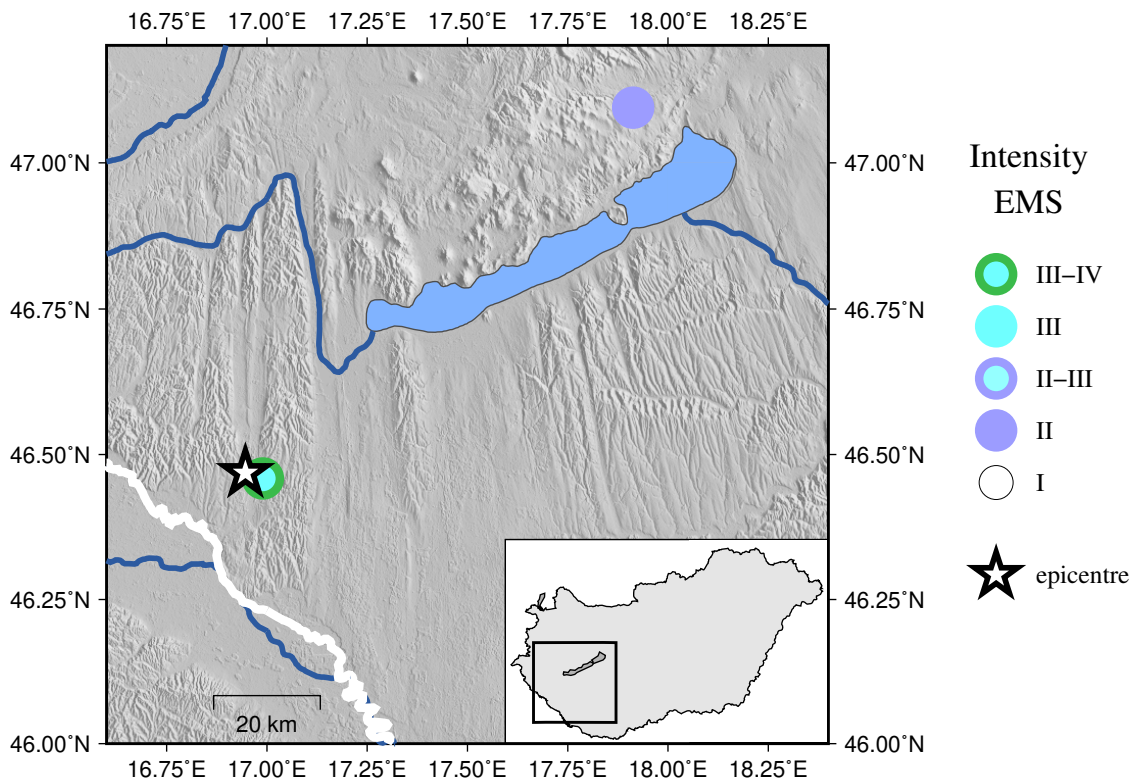


Figure 3.3:

EMS intensity distribution for the earthquake of 2021.03.02 03:12 UTC

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|-------------|---------------|----------------|-----------------|---|
| Nagykanizsa | 46.459 | 16.990 | III-IV | 6 |
| Pécs | 46.088 | 18.245 | II | 1 |
| Veszprém | 47.094 | 17.913 | II | 1 |

Table 3.4:

Felt EMS intensities for the earthquake of 2021.03.02 03:12 UTC

2021.03.30 16:25 – Austria

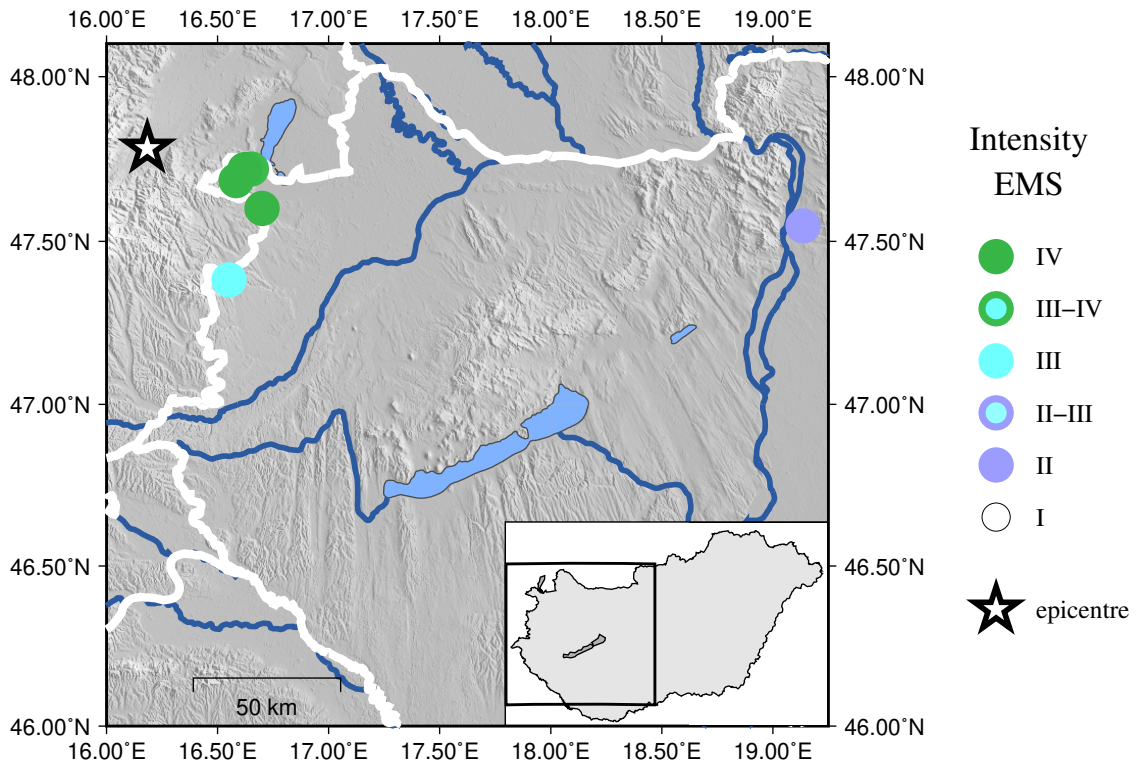


Figure 3.4:

EMS intensity distribution for the earthquake of 2021.03.30 16:25 UTC

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|-----------------|---------------|----------------|-----------------|----|
| Budapest | 47.5470 | 19.1359 | II | 1 |
| Fertőrákos | 47.7200 | 16.6519 | III-IV | 1 |
| Kőszeg | 47.3819 | 16.5522 | III | 1 |
| Nagyecenk | 47.6000 | 16.7000 | IV | 1 |
| Sopron | 47.6850 | 16.5831 | IV | 30 |
| Sopronkhida | 47.7186 | 16.6228 | IV | 1 |
| Wiener Neustadt | 47.8167 | 16.2500 | IV | 1 |

Table 3.5:

Felt EMS intensities for the earthquake of 2021.03.30 16:25 UTC

2021.04.19 22:57 – Austria

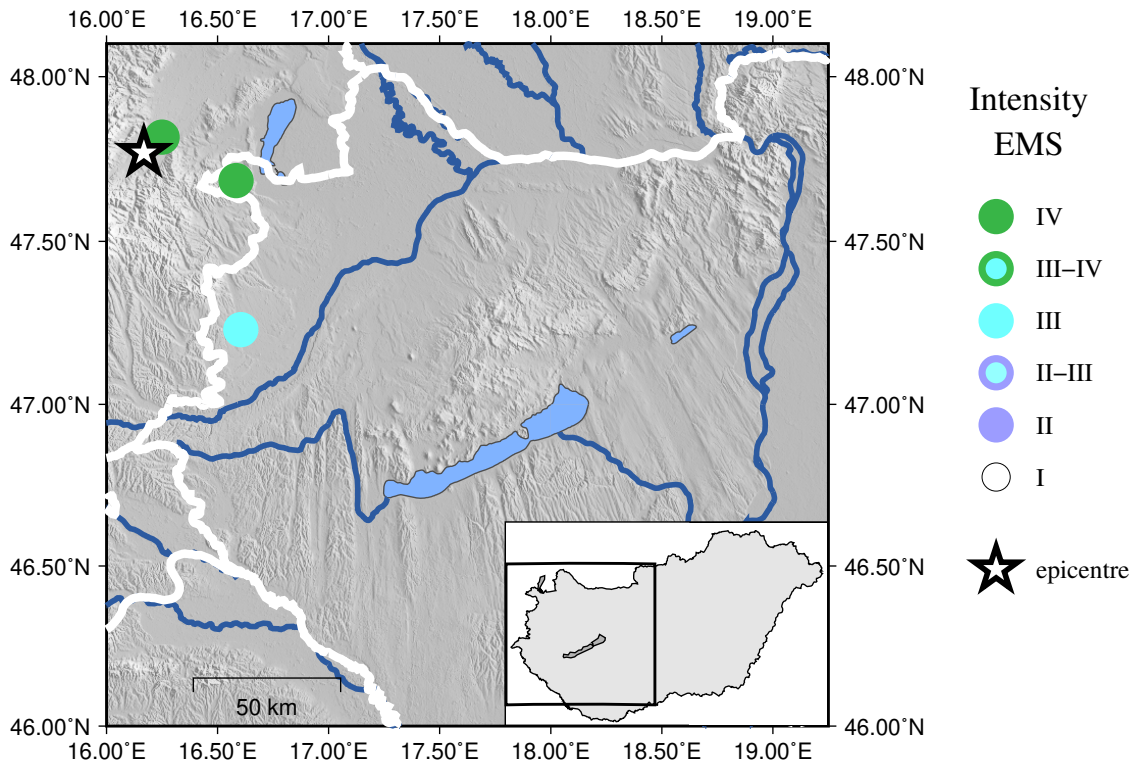


Figure 3.5:

EMS intensity distribution for the earthquake of 2021.04.19 22:57 UTC

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|-----------------|---------------|----------------|-----------------|----|
| Payerbach | 47.6917 | 15.8628 | IV | 1 |
| Sopron | 47.6850 | 16.5831 | IV | 10 |
| Szombathely | 47.2297 | 16.6047 | III | 1 |
| Wien | 48.2272 | 16.3551 | IV | 1 |
| Wiener Neustadt | 47.8167 | 16.2500 | IV | 1 |

Table 3.6:

Felt EMS intensities for the earthquake of 2021.04.19 22:57 UTC

2021.08.29 21:57 – Slovakia

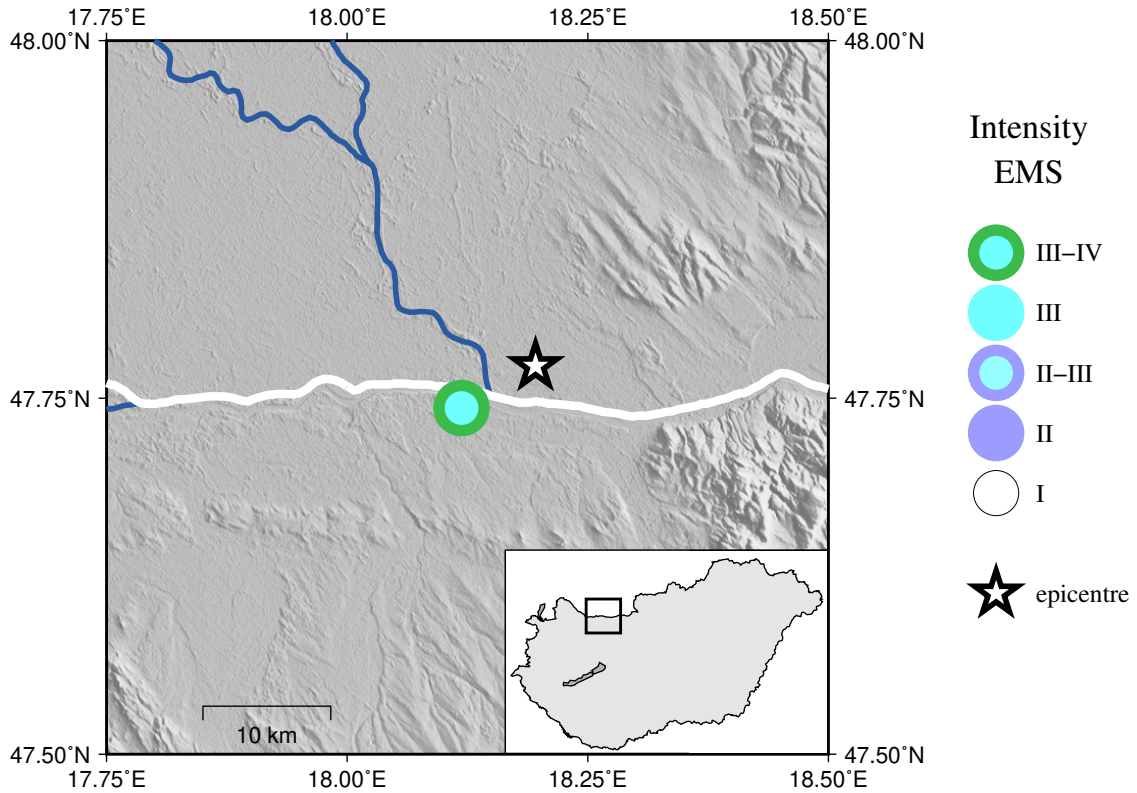


Figure 3.6:
EMS intensity distribution for the earthquake of 2021.08.29 21:57 UTC

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|----------|---------------|----------------|-----------------|---|
| Komárom | 47.7431 | 18.1189 | III-IV | 3 |

Table 3.7:
Felt EMS intensities for the earthquake of 2021.08.29 21:57 UTC

2021.09.18 03:05 – Iván

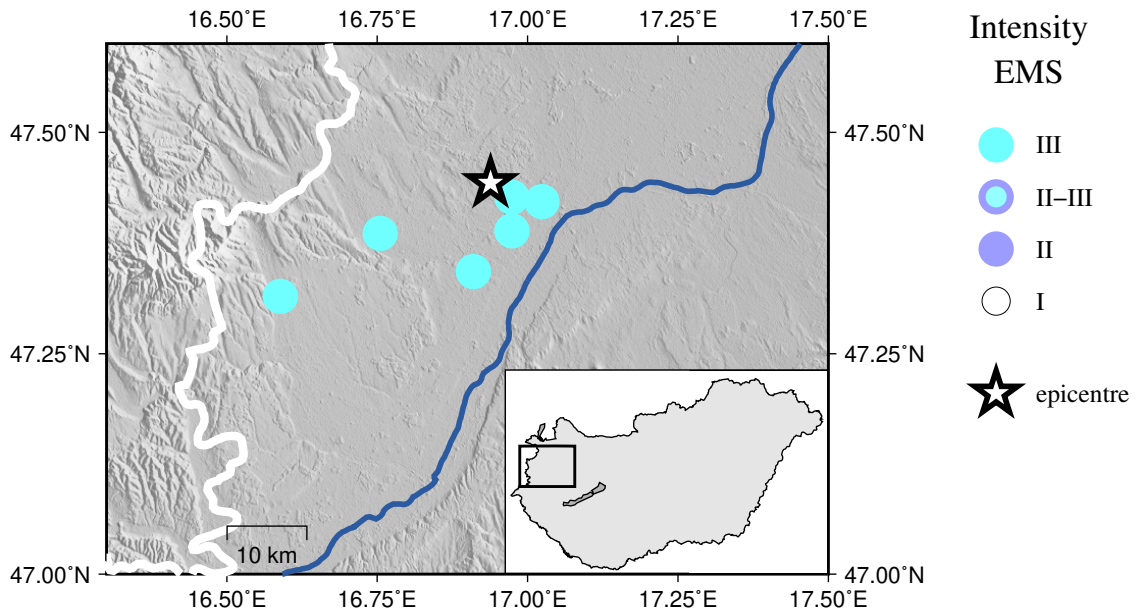


Figure 3.7:

EMS intensity distribution for the earthquake of 2021.09.18 03:05 UTC

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|--------------|---------------|----------------|-----------------|---|
| Bük | 47.386 | 16.755 | III | 1 |
| Gyöngyösfalu | 47.315 | 16.589 | III | 1 |
| Répcelak | 47.422 | 17.024 | III | 3 |
| Répcszemere | 47.427 | 16.974 | III | 1 |
| Vámoscsalád | 47.389 | 16.974 | III | 1 |
| Zsédény | 47.343 | 16.91 | III | 1 |

Table 3.8:

Felt EMS intensities for the earthquake of 2021.09.18 03:05 UTC

2021.09.18 03:07 – Répceszemere

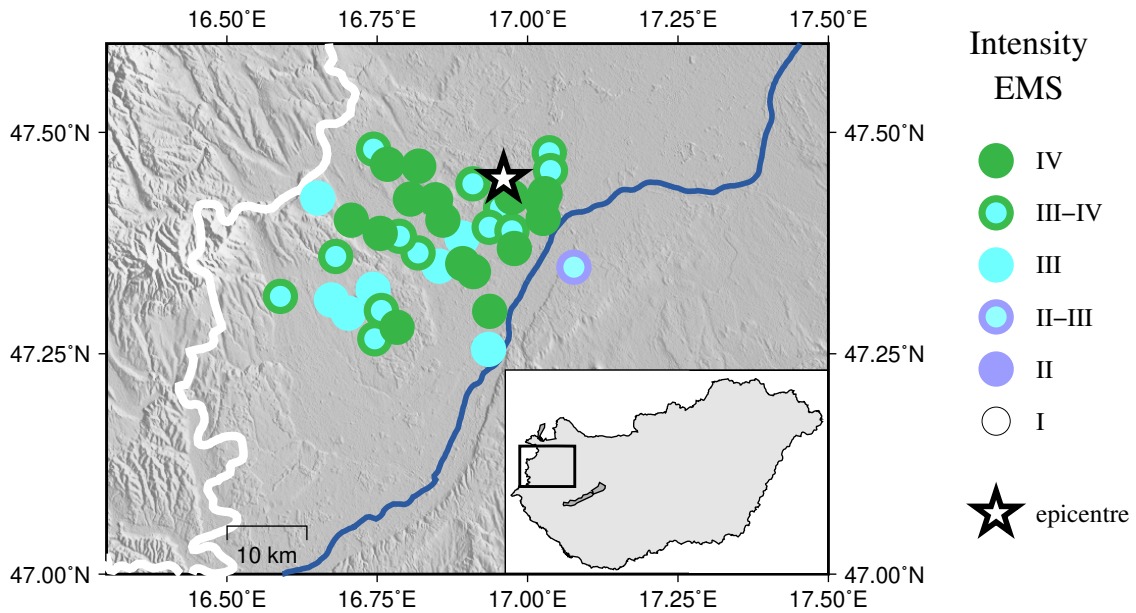


Figure 3.8:

EMS intensity distribution for the earthquake of 2021.09.18 03:07 UTC

Table 3.9: Felt EMS intensities for the earthquake of 2021.09.18 03:07 UTC

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|------------------|---------------|----------------|-----------------|----|
| Acsád | 47.3230 | 16.7430 | III | 1 |
| Balatonrendes | 46.8280 | 17.5828 | II-III | 1 |
| B | 47.3640 | 16.8180 | III-IV | 3 |
| Bük | 47.3860 | 16.7550 | IV | 11 |
| Bükfürd | 47.3829 | 16.7869 | III-IV | 2 |
| Cirák | 47.4770 | 17.0360 | III-IV | 2 |
| Csáfordjánosfa | 47.4150 | 16.9550 | III-IV | 1 |
| Csánig | 47.4310 | 17.0290 | IV | 1 |
| Csepreg | 47.4010 | 16.7070 | IV | 5 |
| Csöngé | 47.3480 | 17.0770 | II-III | 1 |
| Dénesfa | 47.4570 | 17.0380 | III-IV | 1 |
| Egyházásfalu | 47.4640 | 16.7670 | IV | 3 |
| Gyöngyösfalu | 47.3150 | 16.5890 | III-IV | 1 |
| Hegyfalu | 47.3520 | 16.8920 | IV | 2 |
| Iklanberény | 47.4248 | 16.8053 | IV | 1 |
| Iván | 47.4420 | 16.9090 | III-IV | 1 |
| Nagygeresd | 47.3930 | 16.9360 | III-IV | 2 |
| Nemesbd | 47.2670 | 16.7460 | III-IV | 1 |
| Nick | 47.4030 | 17.0260 | IV | 2 |
| Peresznye | 47.4260 | 16.6510 | III | 1 |
| Rábapaty | 47.2980 | 16.9370 | IV | 3 |
| Répcelak | 47.4220 | 17.0240 | IV | 4 |
| Répceszemere | 47.4270 | 16.9740 | IV | 3 |
| Répceszentgyörgy | 47.3490 | 16.8530 | III | 1 |
| Sajtoskál | 47.4010 | 16.8590 | IV | 3 |
| Salköveskút | 47.2960 | 16.7020 | III | 1 |

| Locality | Latitude ($^{\circ}$ N) | Longitude ($^{\circ}$ E) | Intensity (EMS) | N |
|---------------|--------------------------|---------------------------|-----------------|---|
| Sárvár | 47.2550 | 16.9350 | III | 1 |
| Simaság | 47.4240 | 16.8470 | IV | 4 |
| Sopronhorpács | 47.4810 | 16.7440 | III-IV | 2 |
| Tömörd | 47.3600 | 16.6810 | III-IV | 1 |
| Tompaládony | 47.3810 | 16.8910 | III | 1 |
| Újkér | 47.4620 | 16.8190 | IV | 3 |
| Uraiújfalu | 47.3690 | 16.9780 | IV | 5 |
| Vámoscsalád | 47.3890 | 16.9740 | III-IV | 2 |
| Vasasszonyfa | 47.3110 | 16.6740 | III | 1 |
| Vasszilvagy | 47.2990 | 16.7570 | III-IV | 1 |
| Vát | 47.2800 | 16.7830 | IV | 1 |
| Zsédény | 47.3430 | 16.9100 | IV | 2 |

2021.09.18 04:47 – Iván

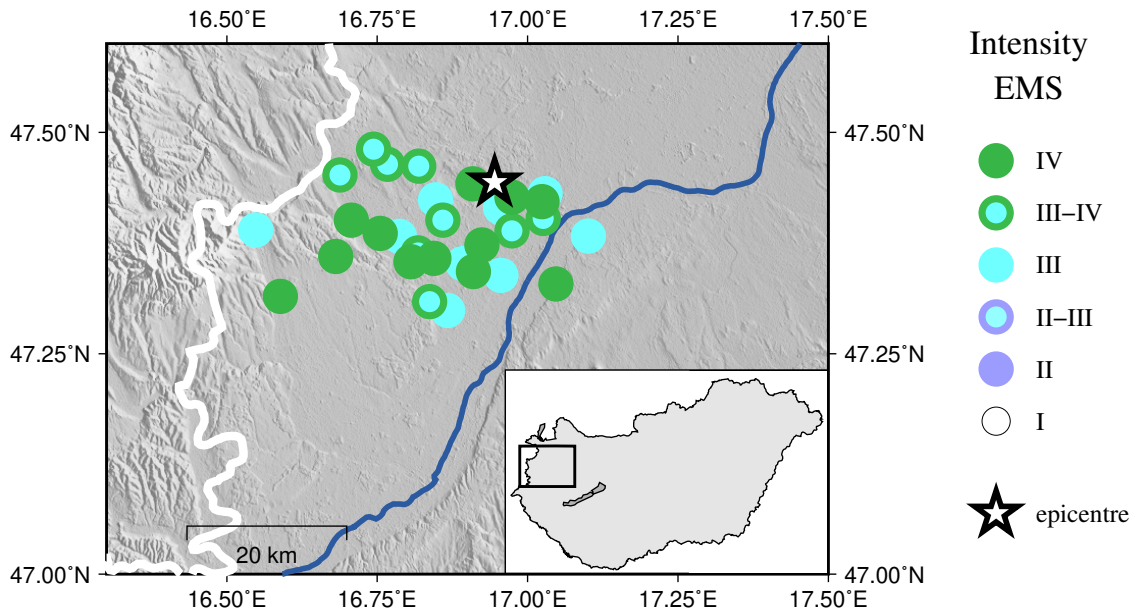


Figure 3.9:

EMS intensity distribution for the earthquake of 2021.09.18 04:47 UTC

Table 3.10: Felt EMS intensities for the earthquake of 2021.09.18 04:47 UTC

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|--------------------|---------------|----------------|-----------------|----|
| Bő | 47.364 | 16.818 | III-IV | 2 |
| Bük | 47.386 | 16.755 | IV | 12 |
| Bükkföldő | 47.3829 | 16.7869 | III | 2 |
| Chernelházadamonya | 47.358 | 16.844 | IV | 1 |
| Csáfordjánosfa | 47.415 | 16.955 | III | 1 |
| Csánig | 47.431 | 17.029 | III | 1 |
| Csepreg | 47.401 | 16.707 | IV | 6 |
| Egyházaskölyök | 47.464 | 16.767 | III-IV | 2 |
| Gór | 47.354 | 16.806 | IV | 1 |
| Gyöngyösfalu | 47.315 | 16.589 | IV | 2 |
| Hegyháza | 47.352 | 16.892 | III | 1 |
| Iván | 47.442 | 16.909 | IV | 1 |
| Jákfa | 47.3388 | 16.9556 | III | 1 |
| Kenyeri | 47.383 | 17.101 | III | 1 |
| Kőszeg | 47.39 | 16.548 | III | 1 |
| Nick | 47.403 | 17.026 | III-IV | 1 |
| Ölb | 47.299 | 16.867 | III | 1 |
| Ostffyasszonyfa | 47.329 | 17.047 | IV | 1 |
| Répcelak | 47.422 | 17.024 | IV | 3 |
| Répcseszemeré | 47.427 | 16.974 | IV | 4 |
| Sajtoskál | 47.401 | 16.859 | III-IV | 2 |
| Simaság | 47.424 | 16.847 | III | 1 |
| Sopronhorpács | 47.481 | 16.744 | III-IV | 1 |
| Szeleste | 47.309 | 16.837 | III-IV | 2 |
| Tömörd | 47.36 | 16.681 | IV | 1 |
| Újkér | 47.462 | 16.819 | III-IV | 3 |

CHAPTER 3. MACROSEISMIC DATA

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|-------------|---------------|----------------|-----------------|---|
| Vámoscsalád | 47.389 | 16.974 | III-IV | 3 |
| Vasegerszeg | 47.373 | 16.924 | IV | 1 |
| Zsédeny | 47.343 | 16.91 | IV | 1 |
| Zsira | 47.452 | 16.688 | III-IV | 1 |

2021.10.27 01:44 – Ukraine

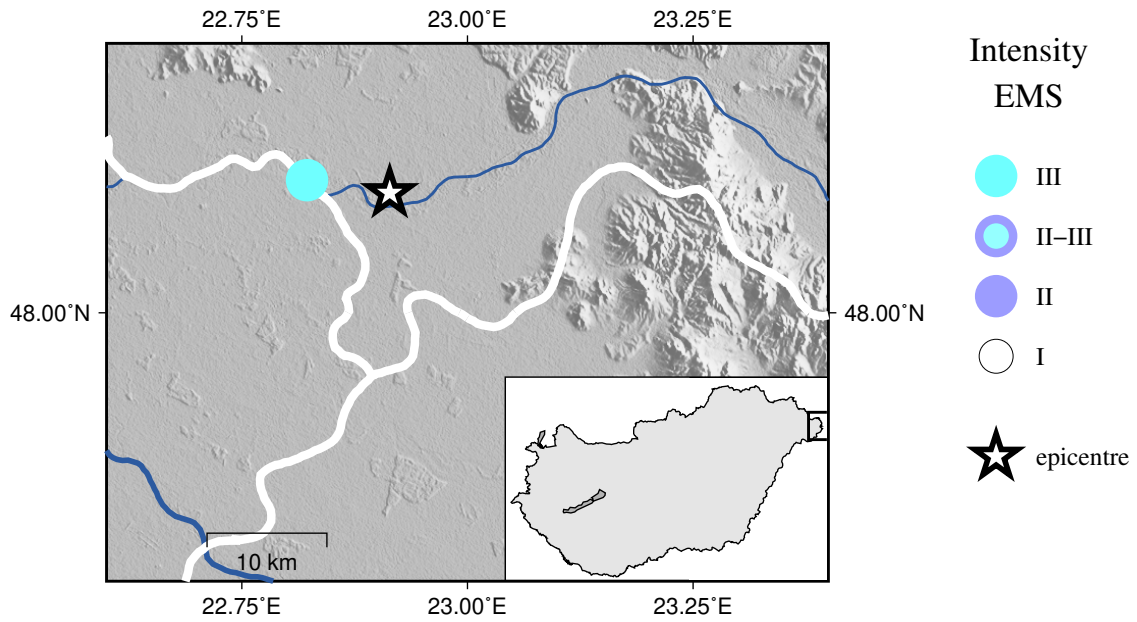


Figure 3.10:
EMS intensity distribution for the earthquake of 2021.10.27 01:44 UTC

| Locality | Latitude (°N) | Longitude (°E) | Intensity (EMS) | N |
|-----------|---------------|----------------|-----------------|---|
| Tiszabecs | 48.0986 | 22.8222 | III | 1 |

Table 3.11:
Felt EMS intensities for the earthquake of 2021.10.27 01:44 UTC

4. Phase data

The phase data of the events occurred in the area confined by the latitudes 45.5-49.0°N and longitudes 16.0-23.0°E are presented in ISF2 format. Here we give the short summary of the blocks and fields appearing in the bulletin.

The IASPEI Seismic Bulletin Format (ISF) is the IASPEI approved standard format for the exchange of parametric seismological data (hypocentres, magnitudes, phase arrivals, moment tensors, etc.). It was adopted as standard in August 2001 by IASPEI's Commission on Seismic Observation and Interpretation at the Scientific Assembly in Hanoi, Vietnam. The format is an extension of the IMS1.0 format developed by the Center of Monitoring Research, Arlington, VA, USA in the 1990s to establish a data exchange protocol for the Comprehensive Test-Ban-Treaty Organization. The full documentation can be downloaded for both the ISF and IMS1.0 formats.

The need to add a number of data types to ISF1 has led to the development of ISF2. The format is an extension of ISF1 as all additional data are in extensions to the existing ISF1 format. The changes chiefly are improved data attribution through extended station details and channel information for phases and amplitude. Since 2013 the USGS NEIC bulletin is produced in ISF2 and the International Seismological Centre will adapt the ISF2 format in the near future. The full documentation can be downloaded for the ISF2 format at the ISC website.

The HNSB is comprised of various ISF2-compliant blocks, such as Event, Origin, Magnitude and Phase blocks, as well as optional Comment blocks inside the Origin and Phase blocks. Each block is separated by an empty line; comment lines are enclosed in parentheses.

Event block

| Position | Format | Description |
|----------|--------|-------------------|
| 1-5 | a5 | Event |
| 7-22 | a16 | Event identifier |
| 24-88 | a65 | Geographic region |

Origin block

| Position | Format | Description |
|----------|------------|--|
| 1-10 | i4/i2/i2 | date [yyyy/mm/dd] |
| 12-22 | i2:i2:f5.2 | time [hh:mm:ss.ss] |
| 23 | a1 | f=fixed origin time, blank=free origin time solution |
| 25-29 | f5.2 | origin time error (blank if fixed origin time) [seconds] |
| 31-35 | f5.2 | root mean square of time residuals [seconds] |
| 37-44 | f8.4 | latitude (negative for South) [degrees] |

| | | |
|---------|------|--|
| 46-54 | f9.4 | longitude (negative for West) [degrees] |
| 55 | a1 | f=fixed epicenter, blank=free epicenter solution |
| 56-60 | f5.1 | semi-major axis of 90% error ellipse [km] |
| 62-66 | f5.1 | semi-minor axis of 90% error ellipse [km] |
| 68-70 | i3 | strike (azimuth of semi-major axis) [degrees] |
| 72-76 | f5.1 | depth [km] |
| 77 | a1 | f=fixed depth, blank=free depth solution |
| 79-82 | f4.1 | depth error 90% confidence (blank if fixed depth) [km] |
| 84-87 | i4 | number of defining phases |
| 89-92 | i4 | number of defining stations |
| 94-96 | i3 | azimuthal gap [degrees] |
| 98-103 | f6.2 | distance to closest station [degrees] |
| 105-110 | f6.2 | distance to furthest station [degrees] |
| 112 | a1 | analysis type: (a=automatic, m=manual, blank=unknown) |
| 114 | a1 | location method: (i=inversion, p=pattern recognition, g=ground truth, o=other, blank=unknown) |
| 116-117 | a2 | event type (uk=unknown) character 1: k=known, s=suspected, f=felt, d=damaging character 2: c=meteor, e=earthquake, h=chemical explosion, i=induced event, l=landslide, m=mine explosion, n=nuclear explosion, r=rock burst, x=experimental explosion |
| 119-127 | a9 | author |
| 129-139 | a11 | origin identifier |
| 141-145 | a5 | reporter |
| 147-151 | f5.1 | depth-phase depth [km] |
| 153-157 | f5.1 | depth-phase depth error [km] |
| 159-161 | i3 | secondary azimuthal gap [degrees] |

Magnitude block

| Position | Format | Description |
|----------|--------|-----------------------------|
| 1-5 | a5 | magnitude type |
| 7-10 | f4.1 | magnitude value |
| 12-14 | f3.1 | magnitude error |
| 16-19 | i4 | number of defining stations |
| 21-29 | a9 | author |
| 31-41 | a11 | origin identifier |

Phase block

| Position | Format | Description |
|----------|------------|--|
| 1-5 | a5 | station code |
| 7-12 | f6.2 | station-to-event distance [degrees] |
| 14-18 | f5.1 | event-to-station azimuth [degrees] |
| 20-27 | a8 | phase code |
| 29-40 | i2:i2:f6.3 | arrival time [hh:mm:ss.sss] |
| 42-46 | f5.1 | arrival time residual [seconds] |
| 48-52 | f5.1 | observed azimuth [degrees] |
| 54-58 | f5.1 | azimuth residual [degrees] |
| 60-65 | f5.1 | observed slowness [seconds/degree] |
| 67-72 | f5.1 | slowness residual [seconds/degree] |
| 74 | a1 | time defining flag (T or -) |
| 75 | a1 | azimuth defining flag (A or -) |
| 76 | a1 | slowness defining flag (S or -) |
| 78-82 | f5.1 | signal-to-noise ratio |
| 84-92 | f9.1 | amplitude [nanometers] |
| 94-98 | f5.2 | period [seconds] |
| 100 | a1 | type of pick (a=automatic, m>manual) |
| 101 | a1 | direction of short period first motion (c=compression, d=dilation, -=null) |
| 102 | a1 | onset quality (i=impulsive, e=emergent, q=questionable, -=null) |
| 104-108 | a5 | magnitude type |
| 110-113 | f4.1 | magnitude value |
| 115-125 | a11 | arrival identifier |
| 127-131 | a5 | agency |
| 133-140 | a8 | deployment |
| 142-143 | a2 | location |
| 145-149 | a5 | author |
| 151-155 | a5 | reporter |
| 157-159 | i3 | phase channel |
| 161-163 | i3 | amplitude channel |
| 165 | a1 | direction of long period first motion (c=compression, d=dilation, -=null) |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/01/01 | 01:51:12.56 | 1.39 | 0.72 | 45.6664 | 18.0296 | 8.4 | 5.7 | 163 | 1.4f | 16 | 10 | 164 | 0.29 | 1.24 | ke | BUD | 17000000 | BUD | | | | 265 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.1 | 0.1 | 7 BUD | 17000000 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A273A | 0.29 | 329.2 | Pg | 01:51:18.679 | 0.1 | | | | | T__ | | 407.1 | | ___ | ML | 1.7 | 6065150 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.29 | 329.2 | Lg | 01:51:22.882 | 0.2 | | | | | T__ | | | | --- | | 6065151 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.42 | 6.6 | Pg | 01:51:20.991 | -0.3 | | | | | T__ | | 59.7 | | _d | ML | 1.3 | 6065152 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.42 | 6.6 | Lg | 01:51:26.110 | -1.2 | | | | | T__ | | | | --- | | 6065153 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.70 | 37.8 | Pg | 01:51:26.247 | -0.1 | | | | | T__ | | 36.8 | | _d | ML | 1.5 | 6065154 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.70 | 37.8 | Lg | 01:51:35.860 | -0.7 | | | | | T__ | | | | --- | | 6065165 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.71 | 314.0 | Pg | 01:51:26.297 | -0.6 | | | | | T__ | | 144.6 | | ___ | ML | 2.1 | 6065156 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.71 | 314.0 | Lg | 01:51:36.094 | -0.2 | | | | | T__ | | | | --- | | 6065155 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.78 | 347.9 | Lg | 01:51:39.819 | 1.2 | | | | | T__ | | | | --- | | 6065157 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A266A | 0.87 | 10.7 | Pg | 01:51:30.692 | 0.8 | | | | | T__ | | 132.6 | | ___ | ML | 2.1 | 6065158 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A266A | 0.87 | 10.7 | Lg | 01:51:43.321 | 1.0 | | | | | T__ | | | | --- | | 6065159 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 1.01 | 48.8 | Pn | 01:51:32.965 | 0.7 | | | | | T__ | | 112.0 | | ___ | ML | 2.1 | 6065160 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU22A | 1.01 | 48.8 | Sn | 01:51:47.716 | 0.2 | | | | | T__ | | | | --- | | 6065161 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A263A | 1.09 | 333.2 | Lg | 01:51:48.499 | -0.3 | | | | | T__ | | | | --- | | 6065163 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| BLY | 1.10 | 213.4 | Lg | 01:51:48.089 | 0.4 | | | | | T__ | | | | --- | | 6065162 | FDSN | MN | -- | BUD | iLoc | HHE | ??? | _ | |
| TIH | 1.24 | 355.7 | Pn | 01:51:36.168 | 0.6 | | | | | T__ | | 115.8 | | ___ | ML | 2.3 | 6065164 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/01/01 | 05:54:50.05 | 0.88 | 0.81 | 46.3475 | 17.1719 | 5.9 | 3.5 | 19 | 11.2 | 23.8 | 18 | 12 | 90 | 0.20 | 1.30 | ke | BUD | 17000010 | BUD | | | | 122 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.3 | 9 BUD | 17000010 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A264A | 0.20 | 156.4 | Pg | 05:54:54.486 | -0.3 | | | | | T__ | | 268.7 | | _c | ML | 1.3 | 6066938 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.30 | 294.3 | Lg | 05:55:01.001 | -0.1 | | | | | T__ | | | | --- | | 6066931 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A263A | 0.31 | 18.6 | Lg | 05:55:01.408 | 0.0 | | | | | T__ | | | | --- | | 6066936 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| A265A | 0.44 | 79.7 | Pg | 05:54:58.612 | -0.5 | | | | | T__ | | 159.6 | | ___ | ML | 1.7 | 6066941 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.44 | 79.7 | Lg | 05:55:04.768 | -0.5 | | | | | T__ | | | | --- | | 6066948 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A273A 0.62 133.7 Pg 05:55:03.047 0.6 T__ 168.0 ___ ML 2.1 6066939 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.62 133.7 Lg 05:55:11.219 0.7 T__ ___ 6066945 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOGS 0.65 279.3 Pg 05:55:02.044 -0.6 T__ 56.6 ___ ML 1.6 6066932 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.65 279.3 Lg 05:55:11.131 -0.2 T__ ___ 6066937 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A262A 0.68 319.6 Pg 05:55:03.874 0.4 T__ 107.5 ___ ML 1.9 6066942 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOVH 0.69 111.6 Pg 05:55:03.084 -0.8 T__ 26.6 ___ ML 1.3 6066940 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.69 111.6 Lg 05:55:12.783 -0.4 T__ ___ 6066946 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A266A 0.78 76.3 Pg 05:55:05.252 -0.1 T__ 76.6 ___ ML 1.8 6066944 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.78 76.3 Lg 05:55:17.657 1.3 T__ ___ 6066943 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MPLH 0.86 16.9 Lg 05:55:20.149 1.3 T__ ___ 6066933 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.03 96.9 Pn 05:55:09.048 0.2 T__ 23.9 ___ ML 1.5 6066934 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.03 96.9 Lg 05:55:22.905 -1.7 T__ ___ 6066935 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CRES 1.30 247.0 Pn 05:55:13.864 0.4 T__ 132.7 ___ ML 2.3 6066947 FDSN SL -- BUD iLoc BHZ BHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/02 00:36:36.56 1.49 0.33 45.6859 18.0551 9.1 6.1 160 1.2 6.7 11 7 176 0.28 1.12 ke BUD 17000024 BUD 274

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD 17000024

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A273A 0.28 324.1 Pg 00:36:42.456 -0.0 T__ 266.7 ___ ML 1.5 6069069 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.28 324.1 Lg 00:36:46.759 0.3 T__ ___ 6069068 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOVH 0.40 4.4 Pg 00:36:44.896 0.0 T__ 37.2 _d ML 1.0 6069070 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.40 4.4 Lg 00:36:50.279 -0.3 T__ ___ 6069076 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
MORH 0.67 37.6 Pg 00:36:50.168 0.3 T__ 38.5 _d ML 1.5 6069072 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.67 37.6 Lg 00:36:59.369 -0.3 T__ ___ 6069073 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A264A 0.71 311.8 Pg 00:36:51.136 0.2 T__ 223.4 ___ ML 2.2 6069071 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.71 311.8 Lg 00:37:00.244 -0.1 T__ ___ 6069077 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1

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```

(Station ML: 2.2 magdef=0
A265A 0.76 346.3 Pg 00:36:51.602 -0.2 T__ 203.7 _d_ ML 2.2 6069074 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A263A 1.08 332.0 Lg 00:37:12.872 0.3 T__ --- 6069075 FDSN Z3 00 BUD iLoc HHN ??? _
BLY 1.12 213.6 Lg 00:37:12.090 -0.4 T__ --- 6069078 FDSN MN -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/02 03:00:50.80 0.91 0.85 45.7446 21.6660 5.8 3.7 126 1.4 15.8 19 11 81 0.13 1.65 ke BUD 17000026 BUD 112

```

```

Magnitude Err Nsta Author OrigID
ML 2.3 0.1 9 BUD 17000026

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BZS 0.13 195.1 Pg 03:00:52.918 -0.7 T__ 4657.1 _c_ ML 2.3 6070601 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.13 195.1 Lg 03:00:54.408 -1.3 T__ --- 6070602 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
BANR 0.52 226.0 Pg 03:01:00.815 -0.1 T__ 1903.3 --- ML 3.0 6070603 FDSN RO -- BUD iLoc HHZ HHZ _
BANR 0.52 226.0 Lg 03:01:07.492 -0.9 T__ --- 6070609 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
SIRR 0.52 359.5 Pg 03:01:01.476 0.0 T__ 167.5 _c_ ML 2.0 6070611 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.52 359.5 Lg 03:01:08.163 -1.3 T__ --- 6070610 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
GZR 0.86 113.8 Pg 03:01:06.999 -0.1 T__ 201.6 --- ML 2.3 6070604 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
DEV 0.88 80.4 Pg 03:01:07.725 0.3 T__ 180.5 --- ML 2.2 6070605 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.88 80.4 Lg 03:01:19.655 -0.2 T__ --- 6070612 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
AMBH 0.89 313.1 Pn 03:01:08.638 -0.5 T__ --- 6070606 FDSN HU -- BUD iLoc HHZ ??? _
AMBH 0.89 313.1 Lg 03:01:20.214 -1.4 T__ --- 6070613 FDSN HU -- BUD iLoc HHN ??? _
HU06A 1.23 322.2 Pn 03:01:14.850 1.0 T__ 94.9 --- ML 2.2 6070614 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
DRGR 1.27 34.3 Pn 03:01:14.486 -0.4 T__ 59.2 --- ML 2.0 6070607 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.27 34.3 Lg 03:01:31.771 -1.4 T__ --- 6070608 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
FRGS 1.43 246.5 Sn 03:01:37.666 0.7 T__ --- 6070615 FDSN SJ -- BUD iLoc BHE ??? _
LOT 1.51 100.6 Pn 03:01:18.668 0.0 T__ 82.5 --- ML 2.3 6070617 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.51 100.6 Sn 03:01:39.529 0.0 T__ --- 6070616 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
CJR 1.65 53.5 Pg 03:01:22.412 -0.5 T__ 80.1 --- ML 2.3 6070619 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 1.65 53.5 Lg 03:01:44.744 -0.2 T__ --- 6070618 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/02 | 04:07:30.70 | 0.85 | 0.96 | 45.7327 | 21.6343 | 4.5 | 3.6 | 126 | 2.4 | 11.4 | 30 | 18 | 73 | 0.12 | 2.32 | ke | BUD | 17000028 | BUD | | | 112 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.5 | 0.1 | 14 BUD | 17000028 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|---------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BZS | 0.12 | 186.1 | Pg | 04:07:33.472 | 0.3 | | | | | T__ | 11469.7 | | | _c_ | ML | 2.7 | 6070703 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.12 | 186.1 | Lg | 04:07:34.929 | -0.2 | | | | | T__ | | | | --- | | 6070688 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.7 magdef=1 Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BANR | 0.50 | 225.2 | Pg | 04:07:40.964 | 0.6 | | | | | T__ | 4345.4 | | | --- | ML | 3.3 | 6070689 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BANR | 0.50 | 225.2 | Lg | 04:07:47.055 | -0.5 | | | | | T__ | | | | --- | | 6070704 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 3.3 magdef=1 Station ML: 3.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.54 | 1.9 | Pg | 04:07:41.932 | 0.3 | | | | | T__ | 423.6 | | | _c_ | ML | 2.4 | 6070705 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.54 | 1.9 | Lg | 04:07:49.606 | -0.1 | | | | | T__ | | | | --- | | 6070690 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.87 | 112.5 | Pg | 04:07:47.427 | 0.1 | | | | | T__ | 323.5 | | | --- | ML | 2.5 | 6070707 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.87 | 112.5 | Lg | 04:07:58.789 | -0.8 | | | | | T__ | | | | --- | | 6070706 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMBH | 0.88 | 314.6 | Pg | 04:07:49.029 | 0.3 | | | | | T__ | | | | --- | | 6070692 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| AMBH | 0.88 | 314.6 | Lg | 04:08:01.415 | 0.3 | | | | | T__ | | | | --- | | 6070694 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| DEV | 0.90 | 79.9 | Pg | 04:07:47.874 | 0.0 | | | | | T__ | 566.3 | | | --- | ML | 2.8 | 6070691 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.8 magdef=1 Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU24A | 1.22 | 344.5 | Pg | 04:07:54.971 | -0.7 | | | | | T__ | 205.9 | | | --- | ML | 2.5 | 6070696 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU06A | 1.23 | 323.3 | Pg | 04:07:54.486 | -1.4 | | | | | T__ | 173.1 | | | --- | ML | 2.4 | 6070695 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU06A | 1.23 | 323.3 | Lg | 04:08:11.212 | -0.6 | | | | | T__ | | | | --- | | 6070708 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 1.30 | 34.8 | Pn | 04:07:55.287 | 0.3 | | | | | T__ | 203.3 | | | --- | ML | 2.5 | 6070693 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 1.30 | 34.8 | Sn | 04:08:12.665 | -1.0 | | | | | T__ | | | | --- | | 6070697 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| FRGS | 1.41 | 246.5 | Pg | 04:07:56.200 | -1.2 | | | | | T__ | 86.3 | | | --- | ML | 2.2 | 6070698 | FDSN | SJ | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU21A | 1.46 | 295.0 | Pn | 04:07:56.870 | 0.2 | | | | | T__ | 134.8 | | | --- | ML | 2.4 | 6070699 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU21A | 1.46 | 295.0 | Sn | 04:08:15.831 | -0.9 | | | | | T__ | | | | --- | | 6070700 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.53 | 100.0 | Pg | 04:07:59.366 | -0.4 | | | | | T__ | 175.7 | | | --- | ML | 2.6 | 6070709 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.53 | 100.0 | Lg | 04:08:20.749 | -1.0 | | | | | T__ | | | | --- | | 6070710 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LTVH | 1.66 | 6.2 | Pn | 04:08:00.819 | 1.1 | | | | | T__ | 97.6 | | | --- | ML | 2.4 | 6070702 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| LTVH | 1.66 | 6.2 | Sn | 04:08:22.798 | 0.9 | | | | | T__ | | | | --- | | 6070712 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

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(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
CJR 1.68 53.6 Pn 04:08:00.745 0.3 T__ 205.0 ___ ML 2.7 6070701 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 1.68 53.6 Lg 04:08:26.597 1.1 T__ ___ 6070711 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
HU22A 1.84 289.7 Sn 04:08:28.311 2.1 T__ ___ 6070713 FDSN ZJ 00 BUD iLoc HHE ??? _
A272A 2.11 299.6 Sn 04:08:34.793 2.0 T__ ___ 6070714 FDSN Z3 00 BUD iLoc HHE ??? _
MORH 2.14 284.1 Pn 04:08:06.332 0.1 T__ 34.3 ___ ML 2.2 6070715 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 2.14 284.1 Lg 04:08:41.572 -0.2 T__ ___ 6070716 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ARCR 2.32 53.3 Lg 04:08:46.862 1.7 T__ ___ 6070717 FDSN RO -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/02 04:16:07.07 0.89 1.04 45.7468 21.6629 5.3 3.5 105 3.0f 12 7 87 0.13 1.27 ke BUD 17000030 BUD 134

```

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 17000030

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BZS 0.13 194.0 Pg 04:16:09.973 0.0 T__ 713.1 _c_ ML 1.5 6070769 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.13 194.0 Lg 04:16:11.529 -0.6 T__ ___ 6070770 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
BANR 0.52 225.7 Pg 04:16:17.796 0.6 T__ 1764.3 ___ ML 3.0 6070771 FDSN RO -- BUD iLoc HHZ HHZ _
BANR 0.52 225.7 Lg 04:16:25.582 0.9 T__ ___ 6070772 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
SIRR 0.52 359.8 Pg 04:16:18.374 0.7 T__ 33.0 ___ ML 1.3 6070773 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.52 359.8 Lg 04:16:25.377 -0.3 T__ ___ 6070774 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
GZR 0.86 113.9 Pg 04:16:23.589 0.1 T__ 48.4 ___ ML 1.7 6070776 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.86 113.9 Lg 04:16:34.504 -1.0 T__ ___ 6070775 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DEV 0.88 80.6 Lg 04:16:36.534 0.4 T__ ___ 6070780 FDSN RO -- BUD iLoc HHN ??? _
AMBH 0.89 313.1 Lg 04:16:35.062 -2.5 T__ ___ 6070777 FDSN HU -- BUD iLoc HHN ??? _
DRGR 1.27 34.5 Pn 04:16:30.965 0.0 T__ 37.1 ___ ML 1.8 6070779 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.27 34.5 Lg 04:16:49.367 0.1 T__ ___ 6070778 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/02 22:08:46.36 1.18 0.70 48.4099 22.7823 8.9 5.8 70 11.5 2.5 20 12 173 0.32 1.82 ke BUD 17000036 BUD 226

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Magnitude Err Nsta Author OrigID
ML 1.9 0.2 8 BUD 17000036

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TRPA | 0.32 | 210.2 | Pg | 22:08:52.941 | -0.1 | | | | | T__ | | 135.3 | | --- | ML | 1.3 | 6071466 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.32 | 210.2 | Lg | 22:08:57.634 | -1.0 | | | | | T__ | | | | --- | | 6071467 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | |
| KOLS | 0.62 | 327.4 | Pg | 22:08:58.500 | 0.1 | | | | | T__ | | | | --- | | 6071482 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.62 | 327.4 | Lg | 22:09:07.543 | -0.3 | | | | | T__ | | | | --- | | 6071468 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU07A | 0.72 | 233.9 | Pg | 22:09:00.981 | 0.4 | | | | | T__ | | 155.9 | | _c_ | ML | 2.1 | 6071483 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU07A | 0.72 | 233.9 | Lg | 22:09:11.867 | 0.5 | | | | | T__ | | | | --- | | 6071476 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | |
| BMR | 0.88 | 146.7 | Pg | 22:09:03.297 | -0.1 | | | | | T__ | | 245.6 | | --- | ML | 2.4 | 6071469 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BMR | 0.88 | 146.7 | Lg | 22:09:15.797 | -0.2 | | | | | T__ | | | | --- | | 6071477 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.4 magdef=1) | | | | | | | | (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | |
| ABAH | 1.04 | 264.3 | Pn | 22:09:05.718 | -0.0 | | | | | T__ | | 51.6 | | --- | ML | 1.8 | 6071470 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 1.04 | 264.3 | Lg | 22:09:19.976 | -1.3 | | | | | T__ | | | | --- | | 6071484 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | |
| HU05A | 1.40 | 232.8 | Lg | 22:09:32.412 | -0.6 | | | | | T__ | | | | --- | | 6071478 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| JOS | 1.50 | 274.1 | Pn | 22:09:12.312 | 0.1 | | | | | T__ | | 24.1 | | --- | ML | 1.7 | 6071471 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.50 | 274.1 | Lg | 22:09:35.280 | 0.0 | | | | | T__ | | | | --- | | 6071479 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | |
| KECS | 1.53 | 273.6 | Pn | 22:09:13.541 | 0.8 | | | | | T__ | | 106.5 | | --- | ML | 2.4 | 6071472 | FDSN | SK | -- | BUD | iLoc | EHN | EHZ | _ |
| | | | | (Reading ML: 2.4 magdef=1) | | | | | | | | (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | |
| HU02A | 1.54 | 260.0 | Pn | 22:09:13.131 | 0.2 | | | | | T__ | | 26.2 | | --- | ML | 1.8 | 6071473 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.54 | 260.0 | Lg | 22:09:36.249 | -1.8 | | | | | T__ | | | | --- | | 6071480 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | |
| DRGR | 1.62 | 181.7 | Pn | 22:09:14.658 | 0.3 | | | | | T__ | | 33.9 | | --- | ML | 1.9 | 6071474 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 1.62 | 181.7 | Sn | 22:09:36.339 | 0.3 | | | | | T__ | | | | --- | | 6071475 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | |
| ARCR | 1.70 | 140.7 | Lg | 22:09:41.985 | 0.6 | | | | | T__ | | | | --- | | 6071481 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| ATANC | 1.82 | 244.8 | Lg | 22:09:46.052 | 0.1 | | | | | T__ | | | | --- | | 6071485 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/03 | 08:19:58.40 | 1.59 | 0.91 | 45.7943 | 16.0589 | 12.0 | 5.6 | 7 | 0.2 | 3.9 | 51 | 35 | 172 | 0.06 | 4.11 | ke | BUD | 17000042 | BUD | | | 200 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.0 | 0.2 | 31 BUD | 17000042 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-----|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZAG | 0.06 | 303.1 | Pg | 08:20:00.483 | 0.6 | | | | | T__ | | 479808.6 | | --- | ML | 4.1 | 6073846 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.06 | 303.1 | Lg | 08:20:01.708 | 0.6 | | | | | T__ | | | | --- | | 6073863 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| | | | | (Reading ML: 4.1 magdef=1) | | | | | | | | (Station ML: 4.1 magdef=0) | | | | | | | | | | | | | |
| PTJ | 0.13 | 330.6 | Pg | 08:20:00.988 | -0.5 | | | | | T__ | | 25287.6 | | --- | ML | 3.1 | 6073835 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.13 | 330.6 | Lg | 08:20:02.340 | -1.7 | | | | | T__ | | | | --- | | 6073836 | FDSN | CR | -- | BUD | iLoc | BHZ | ??? | _ | |
| | | | | (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | |
|--|-----|-------|--------|-------------|---------|--------|------|---------|---|
| (Station ML: 2.7 magdef=0 A018A 2.06 341.3 Pn 08:20:34.386 0.3 (Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0 MSW3 2.13 41.1 Pn 08:20:34.808 0.4 (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0 CONA 2.14 356.4 Pn 08:20:35.401 0.3 CONA 2.14 356.4 Lg 08:21:08.052 0.7 (Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0 CSKK 2.18 43.3 Pn 08:20:34.809 -0.4 (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 MSW1 2.20 42.7 Pn 08:20:35.874 0.4 (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0 A272A 2.23 63.7 Lg 08:21:12.226 1.2 A013A 2.31 349.1 Pn 08:20:38.202 0.8 A013A 2.31 349.1 Lg 08:21:13.267 1.1 (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 A005B 2.58 2.2 Lg 08:21:23.159 2.0 A008A 2.59 354.0 Pn 08:20:41.445 0.3 (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 MODS 2.71 17.4 Pn 08:20:42.435 -0.3 MODS 2.71 17.4 Lg 08:21:26.700 0.2 FRGS 2.71 102.2 Pn 08:20:43.477 0.8 FRGS 2.71 102.2 Lg 08:21:29.095 2.0 (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 A338A 2.72 34.5 Pn 08:20:44.920 2.3 (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=0 A001A 2.96 6.8 Pn 08:20:46.858 0.6 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1 CKRC 3.25 339.2 Pn 08:20:50.721 0.3 (Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=0 JAVC 3.26 19.1 Pn 08:20:51.036 0.6 (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 KRUC 3.28 3.9 Pn 08:20:50.303 -0.3 (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 PSZ 3.38 49.7 Pg 08:21:01.501 -1.8 (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1 MORC 4.11 13.5 Pn 08:21:02.709 0.5 (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1 | T__ | 98.5 | ___ ML | 2.6 6073850 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| | T__ | 107.0 | ___ ML | 2.7 6073851 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| | T__ | 74.1 | ___ ML | 2.6 6073832 | FDSN OE | -- BUD | iLoc | HHZ HHZ | _ |
| | T__ | | --- | 6073844 | FDSN OE | -- BUD | iLoc | HHN ??? | _ |
| | T__ | 125.4 | ___ ML | 2.8 6073833 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| | T__ | 84.2 | ___ ML | 2.7 6073852 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| | T__ | | --- | 6073871 | FDSN Z3 | 00 BUD | iLoc | HHE ??? | _ |
| | T__ | 137.0 | ___ ML | 2.9 6073853 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| | T__ | | --- | 6073872 | FDSN Z3 | 00 BUD | iLoc | HHE ??? | _ |
| | T__ | | --- | 6073873 | FDSN Z3 | 00 BUD | iLoc | HHE ??? | _ |
| | T__ | 69.7 | ___ ML | 2.8 6073854 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| | T__ | | --- | 6073855 | FDSN SK | -- BUD | iLoc | HHZ ??? | _ |
| | T__ | | --- | 6073874 | FDSN SK | -- BUD | iLoc | HHE ??? | _ |
| | T__ | 96.1 | ___ ML | 3.0 6073857 | FDSN SJ | -- BUD | iLoc | BHZ BHZ | _ |
| | T__ | | --- | 6073875 | FDSN SJ | -- BUD | iLoc | BHE ??? | _ |
| | T__ | 714.9 | ___ ML | 3.9 6073856 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| | T__ | 104.6 | ___ ML | 3.2 6073858 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| | T__ | 133.9 | ___ ML | 3.4 6073860 | FDSN CZ | -- BUD | iLoc | HHZ HHZ | _ |
| | T__ | 51.8 | ___ ML | 3.0 6073859 | FDSN CZ | -- BUD | iLoc | HHZ HHZ | _ |
| | T__ | 52.1 | ___ ML | 3.0 6073861 | FDSN CZ | -- BUD | iLoc | HHZ HHZ | _ |
| | T__ | 47.2 | ___ ML | 3.1 6073876 | FDSN GE | -- BUD | iLoc | HHZ HHZ | _ |
| | T__ | 33.0 | ___ ML | 3.1 6073862 | FDSN CZ | -- BUD | iLoc | HHZ HHZ | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/04 | 11:45:23.09 | 1.15 | 0.77 | 48.5604 | 20.8025 | 7.5 | 3.8 | 14 | 0.0f | | 17 | 9 | 165 | 0.19 | 1.31 | sx | BUD | 17000052 | BUD | | | 201 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 9 BUD | 17000052 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 249.8 | Pg | 11:45:27.551 | 0.5 | | | | | T__ | | 311.5 | | ___ | ML | 1.3 | 6078166 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 249.8 | Lg | 11:45:30.503 | 0.4 | | | | | T__ | | | | --- | | 6078174 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 250.0 | Pg | 11:45:28.190 | 0.4 | | | | | T__ | | 906.9 | | ___ | ML | 1.9 | 6078167 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.22 | 250.0 | Lg | 11:45:31.270 | -0.2 | | | | | T__ | | | | --- | | 6078175 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.39 | 132.1 | Pg | 11:45:31.842 | 0.6 | | | | | T__ | | 56.3 | | ___ | ML | 1.1 | 6078168 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.39 | 132.1 | Lg | 11:45:36.850 | -1.2 | | | | | T__ | | | | --- | | 6078176 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.48 | 203.0 | Pg | 11:45:33.377 | 0.2 | | | | | T__ | | 42.1 | | ___ | ML | 1.2 | 6078178 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.48 | 203.0 | Lg | 11:45:39.991 | -0.9 | | | | | T__ | | | | --- | | 6078177 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.88 | 223.7 | Pn | 11:45:41.364 | -0.5 | | | | | T__ | | 45.7 | | ___ | ML | 1.7 | 6078170 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.88 | 223.7 | Lg | 11:45:54.313 | -0.7 | | | | | T__ | | | | --- | | 6078171 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.92 | 222.8 | Pn | 11:45:42.820 | 0.6 | | | | | T__ | | 29.9 | | ___ | ML | 1.5 | 6078172 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.92 | 222.8 | Lg | 11:45:55.085 | -0.8 | | | | | T__ | | | | --- | | 6078179 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| LANS | 1.06 | 304.3 | Pg | 11:45:43.612 | -0.4 | | | | | T__ | | 31.6 | | ___ | ML | 1.6 | 6078169 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 1.24 | 109.7 | Pn | 11:45:47.449 | 0.9 | | | | | T__ | | 52.1 | | ___ | ML | 1.9 | 6078181 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 1.24 | 109.7 | Sn | 11:46:03.998 | -1.3 | | | | | T__ | | | | --- | | 6078180 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.31 | 267.8 | Pn | 11:45:47.672 | -0.1 | | | | | T__ | | 14.5 | | ___ | ML | 1.4 | 6078173 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.31 | 267.8 | Sn | 11:46:06.705 | -0.6 | | | | | T__ | | | | --- | | 6078182 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|----------|-------|-----|-----|----|
| 2021/01/04 | 18:25:38.52 | 0.87 | 0.91 | 47.3515 | 18.2416 | 3.8 | 2.9 | 30 | 2.0 | | 7.9 | 20 | 14 | 83 | 0.02 | 1.27 | ke | BUD | 17000054 | BUD | | | 96 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.4 | 8 BUD | 17000054 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.02 | 48.0 | Pg | 18:25:39.674 | 0.3 | | | | | T__ | | 3644.3 | | _c_ | ML | 1.9 | 6079043 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.02 | 48.0 | Lg | 18:25:40.334 | 0.1 | | | | | T__ | | | | --- | | 6079056 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.04 | 15.9 | Pg | 18:25:40.046 | 0.3 | | | | | T__ | | 4202.0 | | _c_ | ML | 2.0 | 6079047 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.04 | 15.9 | Lg | 18:25:40.775 | -0.3 | | | | | T__ | | | | --- | | 6079051 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.05 | 203.0 | Pg | 18:25:40.356 | 0.4 | | | | | T__ | | 735.3 | | _d_ | ML | 1.3 | 6079052 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.08 | 292.0 | Pg | 18:25:41.321 | 0.8 | | | | | T__ | | 255.3 | | _c_ | ML | 0.9 | 6079048 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.08 | 292.0 | Lg | 18:25:42.987 | 0.6 | | | | | T__ | | | | --- | | 6079049 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.23 | 290.4 | Lg | 18:25:45.355 | -1.9 | | | | | T__ | | | | --- | | 6079057 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| A267A | 0.44 | 157.9 | Pg | 18:25:47.771 | 0.5 | | | | | T__ | | 79.2 | | --- | ML | 1.4 | 6079041 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A267A | 0.44 | 157.9 | Lg | 18:25:54.335 | -0.0 | | | | | T__ | | | | --- | | 6079042 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A271A | 0.45 | 115.8 | Pg | 18:25:47.860 | 0.1 | | | | | T__ | | 143.2 | | --- | ML | 1.7 | 6079050 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A271A | 0.45 | 115.8 | Lg | 18:25:54.643 | -0.3 | | | | | T__ | | | | --- | | 6079044 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.51 | 249.5 | Lg | 18:25:54.797 | -1.6 | | | | | T__ | | | | --- | | 6079045 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| A272A | 0.78 | 140.6 | Pg | 18:25:54.465 | 0.3 | | | | | T__ | | 115.3 | | --- | ML | 2.0 | 6079046 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.98 | 198.4 | Lg | 18:26:12.150 | 0.1 | | | | | T__ | | | | --- | | 6079038 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.17 | 166.2 | Pn | 18:26:00.759 | 0.4 | | | | | T__ | | 26.4 | | --- | ML | 1.6 | 6079040 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.17 | 166.2 | Sn | 18:26:17.104 | -0.4 | | | | | T__ | | | | --- | | 6079039 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 1.19 | 148.9 | Sn | 18:26:18.791 | 0.7 | | | | | T__ | | | | --- | | 6079054 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.21 | 19.1 | Sn | 18:26:17.366 | -2.0 | | | | | T__ | | | | --- | | 6079053 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.27 | 184.5 | Sn | 18:26:20.262 | 0.3 | | | | | T__ | | | | --- | | 6079055 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/04 | 23:34:08.32 | 1.13 | 0.42 | 48.0035 | 20.4694 | 9.3 | 4.1 | 110 | 10.0f | | 6 | 5 | 175 | 0.12 | 0.49 | ke | BUD | 17000058 | BUD | | | 240 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.1 | 5 BUD | 17000058 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| HU02A | 0.12 | 17.4 | Pg | 23:34:11.875 | 0.1 | | | | | T__ | | 73.4 | | --- | ML | 0.5 | 6079492 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TENKA | 0.36 | 193.2 | Pg | 23:34:16.263 | 0.1 | | | | | T__ | | 963.5 | | --- | ML | 2.3 | 6079496 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.40 | 257.8 | Pg | 23:34:17.175 | 0.1 | | | | | T__ | | 34.1 | | --- | ML | 0.9 | 6079497 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |

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(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KECS 0.48 1.3 Pg 23:34:18.394 0.3 T__ 79.5 ___ ML 1.5 6079493 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.49 5.4 Pg 23:34:18.580 0.3 T__ 22.3 ___ ML 1.0 6079494 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.49 5.4 Lg 23:34:25.099 -0.6 T__ ___ 6079495 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/01/04 | 23:58:52.05 | 2.43 | 0.86 | 47.9942 | 20.4887 | 23.0 | 4.8 | 136 | 10.0f | 5 | 4 | 248 | 0.13 | 0.50 | ke | BUD | 17000060 | BUD | | | | 349 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|
| HU02A | 0.13 | 10.7 | Pg | 23:58:55.662 | 0.0 | | | | | T__ | | 64.7 | | ___ | ML | 0.5 6079539 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.41 | 259.5 | Pg | 23:59:01.457 | 0.4 | | | | | T__ | | 40.8 | | ___ | ML | 1.0 6079541 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 0.41 | 259.5 | Lg | 23:59:06.656 | -0.9 | | | | | T__ | | | | --- | | 6079543 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.49 | 359.8 | Lg | 23:59:09.743 | 0.5 | | | | | T__ | | | | --- | | 6079540 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.50 | 3.8 | Lg | 23:59:09.150 | -0.5 | | | | | T__ | | | | --- | | 6079542 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/01/05 | 00:41:44.60 | 1.89 | 0.57 | 48.0092 | 20.4513 | 19.4 | 5.5 | 137 | 10.0f | 4 | 3 | 232 | 0.12 | 0.49 | ke | BUD | 17000064 | BUD | | | | | 343 |

Magnitude Err Nsta Author OrigID
ML 0.8 0.5 3 BUD 17000064

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|
| HU02A | 0.12 | 23.6 | Pg | 00:41:48.098 | 0.0 | | | | | T__ | | 61.7 | | ___ | ML | 0.4 6079906 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.39 | 256.6 | Pg | 00:41:53.220 | 0.1 | | | | | T__ | | 24.4 | | ___ | ML | 0.8 6079907 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.49 | 6.9 | Pg | 00:41:54.841 | 0.4 | | | | | T__ | | 28.3 | | ___ | ML | 1.1 6079908 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.49 | 6.9 | Lg | 00:42:01.360 | -0.4 | | | | | T__ | | | | --- | | 6079909 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/01/05 | 01:57:59.01 | 1.14 | 0.34 | 48.0255 | 20.4496 | 14.1 | 4.4 | 116 | 10.0f | 5 | 5 | 171 | 0.11 | 0.47 | ke | BUD | 17000066 | BUD | | | | | 226 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.11 | 27.6 | Pg | 01:58:02.173 | -0.1 | | | | | T__ | | 27.5 | | --- | ML | 0.0 | 6079929 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.39 | 254.2 | Lg | 01:58:13.823 | -0.1 | | | | | T__ | | | | --- | | 6079930 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| HU23A | 0.41 | 199.3 | Pg | 01:58:07.928 | 0.0 | | | | | T__ | | 120.4 | | --- | ML | 1.5 | 6079931 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.46 | 3.0 | Lg | 01:58:15.648 | 0.4 | | | | | T__ | | | | --- | | 6079932 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.47 | 7.2 | Lg | 01:58:15.471 | -0.2 | | | | | T__ | | | | --- | | 6079933 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/05 | 02:36:20.41 | 0.97 | 0.52 | 48.0394 | 20.4398 | 5.7 | 3.0 | 129 | 8.0 | 8.2 | 14 | 7 | 133 | 0.10 | 0.59 | ke | BUD | 17000068 | BUD | | | 183 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.3 | 7 BUD | 17000068 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.10 | 34.6 | Pg | 02:36:23.290 | -0.0 | | | | | T__ | | 215.6 | | --- | ML | 0.9 | 6079965 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.10 | 34.6 | Lg | 02:36:25.227 | -0.5 | | | | | T__ | | | | --- | | 6079966 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.39 | 251.9 | Pg | 02:36:29.064 | 0.2 | | | | | T__ | | 37.5 | | --- | ML | 0.9 | 6079972 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.39 | 251.9 | Lg | 02:36:34.503 | -0.7 | | | | | T__ | | | | --- | | 6079971 | FDSN | GE | -- | BUD | iLoc | HHZ | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.41 | 247.4 | Pg | 02:36:29.027 | -0.3 | | | | | T__ | | 24.8 | | --- | ML | 0.8 | 6079973 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.41 | 247.4 | Lg | 02:36:35.509 | -0.2 | | | | | T__ | | | | --- | | 6079974 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.42 | 197.8 | Pg | 02:36:29.753 | 0.3 | | | | | T__ | | 79.0 | | --- | ML | 1.4 | 6079975 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU23A | 0.42 | 197.8 | Lg | 02:36:36.645 | 0.7 | | | | | T__ | | | | --- | | 6079976 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.45 | 3.9 | Pg | 02:36:30.070 | 0.6 | | | | | T__ | | 86.0 | | --- | ML | 1.5 | 6079968 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.45 | 3.9 | Lg | 02:36:36.365 | 0.1 | | | | | T__ | | | | --- | | 6079967 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.46 | 8.3 | Pg | 02:36:30.033 | 0.3 | | | | | T__ | | 38.7 | | --- | ML | 1.2 | 6079970 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.46 | 8.3 | Lg | 02:36:36.589 | -0.1 | | | | | T__ | | | | --- | | 6079969 | FDSN | ZJ | -- | BUD | iLoc | HHZ | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.59 | 64.1 | Pg | 02:36:32.081 | -0.1 | | | | | T__ | | 58.6 | | --- | ML | 1.6 | 6079977 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.59 | 64.1 | Lg | 02:36:40.687 | -0.8 | | | | | T__ | | | | --- | | 6079978 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/05 | 02:37:55.20 | 0.82 | 0.61 | 48.0322 | 20.4341 | 3.9 | 2.6 | 129 | 2.3 | 12.2 | 26 | 18 | 52 | 0.11 | 1.39 | ke | BUD | 17000070 | BUD | | | 71 |

Magnitude Err Nsta Author OrigID
ML 2.0 0.2 17 BUD 17000070

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.11 | 34.1 | Pg | 02:37:58.359 | 0.5 | | | | | T__ | | 3050.2 | | _d | ML | 2.1 | 6080057 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.11 | 34.1 | Lg | 02:37:59.644 | -0.5 | | | | | T__ | | | | --- | | 6080042 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.38 | 252.8 | Pg | 02:38:03.453 | -0.0 | | | | | T__ | | 411.7 | | --- | ML | 2.0 | 6080058 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.38 | 252.8 | Lg | 02:38:09.385 | -0.2 | | | | | T__ | | | | --- | | 6080059 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TENKA | 0.38 | 188.8 | Pg | 02:38:03.965 | 0.6 | | | | | T__ | | 1001.9 | | --- | ML | 2.4 | 6080043 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.41 | 248.2 | Pg | 02:38:03.965 | 0.1 | | | | | T__ | | 73.5 | | --- | ML | 1.3 | 6080044 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.41 | 248.2 | Lg | 02:38:09.776 | -0.3 | | | | | T__ | | | | --- | | 6080045 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.41 | 197.6 | Pg | 02:38:04.505 | 0.5 | | | | | T__ | | 282.3 | | --- | ML | 1.9 | 6080046 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU23A | 0.41 | 197.6 | Lg | 02:38:10.112 | -0.2 | | | | | T__ | | | | --- | | 6080060 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATANC | 0.42 | 187.6 | Pg | 02:38:04.710 | 0.5 | | | | | T__ | | 1330.0 | | --- | ML | 2.6 | 6080048 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.45 | 4.3 | Pg | 02:38:04.785 | 0.5 | | | | | T__ | | 184.9 | | --- | ML | 1.8 | 6080047 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.47 | 8.6 | Pg | 02:38:04.971 | 0.4 | | | | | T__ | | 108.0 | | --- | ML | 1.6 | 6080049 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.47 | 8.6 | Lg | 02:38:11.369 | -0.3 | | | | | T__ | | | | --- | | 6080066 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.58 | 257.4 | Pg | 02:38:07.281 | 0.1 | | | | | T__ | | 94.1 | | --- | ML | 1.8 | 6080050 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.58 | 257.4 | Lg | 02:38:15.150 | -0.5 | | | | | T__ | | | | --- | | 6080067 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.60 | 63.6 | Pg | 02:38:07.057 | 0.0 | | | | | T__ | | 65.8 | | _d | ML | 1.7 | 6080051 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.60 | 63.6 | Lg | 02:38:15.364 | -1.4 | | | | | T__ | | | | --- | | 6080052 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.68 | 135.1 | Pg | 02:38:08.994 | -0.1 | | | | | T__ | | 153.8 | | --- | ML | 2.1 | 6080053 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BSZH | 0.74 | 188.8 | Pn | 02:38:10.428 | -0.7 | | | | | T__ | | 267.6 | | --- | ML | 2.3 | 6080061 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.97 | 259.4 | Pn | 02:38:14.861 | 0.4 | | | | | T__ | | 66.7 | | --- | ML | 1.9 | 6080062 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 1.00 | 92.4 | Pg | 02:38:14.880 | 0.3 | | | | | T__ | | 144.1 | | --- | ML | 2.2 | 6080054 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

BSZH 0.75 189.1 Pn 02:39:40.819 0.6 T__ 110.2 ___ ML 2.0 6080145 FDSN HU -- BUD iLoc HHZ HHZ _
 (Reading ML: 2.0 magdef=1
 (Station ML: 2.0 magdef=0
 VYHS 1.17 293.8 Sn 02:40:03.394 0.2 T__ ___ 6080146 FDSN SK -- BUD iLoc HHE ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/05 | 02:49:57.90 | 1.31 | 0.59 | 48.0304 | 20.4605 | 8.1 | 3.6 | 128 | 5.0 | 21.3 | 10 | 7 | 128 | 0.10 | 0.59 | ke | BUD | 17000074 | BUD | | | 186 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.3 | 4 BUD | 17000074 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HUO2A | 0.10 | 25.2 | Pg | 02:50:00.819 | 0.3 | | | | | T__ | | 140.6 | | _d | ML | 0.7 | 6080192 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TENKA | 0.38 | 191.4 | Lg | 02:50:12.013 | 0.0 | | | | | T__ | | | | --- | | 6080195 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.40 | 253.8 | Pg | 02:50:06.704 | 0.2 | | | | | T__ | | 49.6 | | --- | ML | 1.1 | 6080194 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.40 | 253.8 | Lg | 02:50:12.367 | -0.5 | | | | | T__ | | | | --- | | 6080193 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.42 | 249.3 | Lg | 02:50:13.130 | -0.2 | | | | | T__ | | | | --- | | 6080196 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.45 | 2.1 | Pg | 02:50:07.468 | 0.5 | | | | | T__ | | 70.9 | | --- | ML | 1.4 | 6080197 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.45 | 2.1 | Lg | 02:50:13.391 | -0.5 | | | | | T__ | | | | --- | | 6080198 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.47 | 6.4 | Pg | 02:50:07.692 | 0.4 | | | | | T__ | | 24.9 | | --- | ML | 1.0 | 6080200 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.47 | 6.4 | Lg | 02:50:14.024 | -0.3 | | | | | T__ | | | | --- | | 6080199 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.59 | 62.7 | Lg | 02:50:18.048 | -1.0 | | | | | T__ | | | | --- | | 6080201 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/05 | 14:45:41.36 | 1.04 | 0.69 | 47.8469 | 16.0703 | 6.7 | 5.4 | 134 | 0.0f | | 10 | 7 | 133 | 0.16 | 1.53 | sx | BUD | 17000080 | BUD | | | 179 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 5 BUD | 17000080 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.16 | 300.2 | Pg | 14:45:44.999 | 0.2 | | | | | T__ | | 241.7 | | --- | ML | 1.1 | 6081332 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.16 | 300.2 | Lg | 14:45:46.862 | -0.4 | | | | | T__ | | | | --- | | 6081333 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AO11B | 0.45 | 189.8 | Pg | 14:45:50.568 | 0.4 | | | | | T__ | | 44.7 | | --- | ML | 1.2 | 6081334 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AO08A | 0.59 | 331.9 | Pg | 14:45:53.195 | 0.5 | | | | | T__ | | 42.6 | | --- | ML | 1.5 | 6081335 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.70 | 212.0 | Pg | 14:45:54.797 | -0.2 | | | | | T__ | | 45.9 | | --- | ML | 1.6 | 6081336 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.6 magdef=1
MODS 0.97 56.5 Pg 14:46:01.614 0.6 T__ --- 6081337 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.97 56.5 Lg 14:46:15.061 -0.8 T__ --- 6081338 FDSN SK -- BUD iLoc HHE ??? _
KRUC 1.24 10.0 Pg 14:46:04.892 -0.2 T__ 36.2 --- ML 1.7 6081340 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.24 10.0 Sn 14:46:21.878 -0.8 T__ --- 6081339 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
CKRC 1.53 310.3 Sn 14:46:29.105 -1.0 T__ --- 6081341 FDSN CZ -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/01/06 | 08:44:51.51 | 1.33 | 0.91 | 47.2188 | 18.3023 | 7.7 | 5.6 | 100 | 0.0f | 11 | 7 | 176 | 0.10 | 1.03 | sx | BUD | 17000086 | BUD | | | | 274 |

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Magnitude Err Nsta Author OrigID
ML 1.1 0.1 4 BUD 17000086

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| MSW2 | 0.10 | 323.3 | Pg | 08:44:54.552 | 0.3 | | | | | T__ | | 425.8 | | --- | ML | 1.2 | 6082739 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MSW2 | 0.10 | 323.3 | Lg | 08:44:56.164 | -0.7 | | | | | T__ | | | | --- | | 6082740 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.15 | 348.9 | Pg | 08:44:55.843 | 0.8 | | | | | T__ | | 281.6 | | --- | ML | 1.2 | 6082734 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CSKK | 0.15 | 348.9 | Lg | 08:44:57.650 | -0.8 | | | | | T__ | | | | --- | | 6082735 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.18 | 350.4 | Pg | 08:44:56.198 | 0.5 | | | | | T__ | | 176.5 | | --- | ML | 1.0 | 6082741 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MSW1 | 0.18 | 350.4 | Lg | 08:44:58.548 | -0.9 | | | | | T__ | | | | --- | | 6082742 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.20 | 324.0 | Lg | 08:44:59.479 | -0.8 | | | | | T__ | | | | --- | | 6082743 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| HU08A | 0.33 | 309.7 | Pg | 08:44:59.671 | 1.0 | | | | | T__ | | 66.9 | | --- | ML | 1.1 | 6082737 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU08A | 0.33 | 309.7 | Lg | 08:45:03.815 | -0.8 | | | | | T__ | | | | --- | | 6082744 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.52 | 264.9 | Lg | 08:45:10.027 | -0.5 | | | | | T__ | | | | --- | | 6082736 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| MORH | 1.03 | 166.7 | Lg | 08:45:25.975 | -1.1 | | | | | T__ | | | | --- | | 6082738 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/01/07 | 08:12:31.14 | 1.06 | 0.83 | 48.0336 | 20.3581 | 9.4 | 3.6 | 148 | 0.0f | 9 | 5 | 184 | 0.14 | 0.65 | kx | BUD | 17000092 | BUD | | | | 304 |
| 2021/01/07 | 08:12:30.49 | 0.95 | 1.12 | 47.9767 | 20.3679f | | | | 0.0f | 9 | 5 | 198 | 0.18 | 0.67 | kx | BUD_GT | 17000093 | BUD_GT | | | | 307 |

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(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.3 0.3 5 BUD_GT 17000093

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| HU02A | 0.18 | 35.8 | Pg | 08:12:34.594 | -0.2 | | | | | T__ | | 125.1 | | --- | ML | 0.9 | 6087281 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.18 | 35.8 | Lg | 08:12:37.574 | -0.7 | | | | | T__ | | | | --- | | 6087282 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| PSZ | 0.32 | 259.8 | Pg | 08:12:38.910 | 1.1 | T__ | 65.5 | ___ | ML | 1.0 | 6087288 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.32 | 259.8 | Lg | 08:12:43.758 | 0.3 | T__ | | --- | | | 6087285 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.51 | 8.8 | Pg | 08:12:41.523 | 0.6 | T__ | 95.4 | ___ | ML | 1.7 | 6087283 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 12.4 | Pg | 08:12:41.150 | -0.1 | T__ | 30.2 | ___ | ML | 1.3 | 6087284 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 12.4 | Lg | 08:12:46.752 | -2.7 | T__ | | --- | | | 6087289 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.67 | 61.0 | Pg | 08:12:44.652 | 0.8 | T__ | 38.0 | ___ | ML | 1.4 | 6087287 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.67 | 61.0 | Lg | 08:12:55.194 | 0.1 | T__ | | --- | | | 6087286 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/08 | 04:21:39.49 | 1.86 | 0.92 | 47.3108 | 18.3207 | 13.2 | 5.3 | 122 | 6.0f | | 9 | 5 | 195 | 0.07 | 1.12 | ke | BUD | 17000102 | BUD | | | 290 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.9 | 0.2 | 4 BUD | 17000102 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.07 | 322.0 | Pg | 04:21:40.353 | -1.1 | | | | | T__ | | 212.8 | | ___ | ML | 0.8 | 6091555 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.07 | 322.0 | Lg | 04:21:42.690 | -0.6 | | | | | T__ | | | | --- | | 6091561 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.08 | 263.5 | Pg | 04:21:41.797 | 0.2 | | | | | T__ | | 240.7 | | ___ | ML | 0.9 | 6091558 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.08 | 263.5 | Lg | 04:21:42.794 | -0.8 | | | | | T__ | | | | --- | | 6091559 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.09 | 333.0 | Pg | 04:21:42.726 | 0.8 | | | | | T__ | | 134.5 | | ___ | ML | 0.7 | 6091556 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.09 | 333.0 | Lg | 04:21:44.086 | 0.0 | | | | | T__ | | | | --- | | 6091557 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.15 | 298.7 | Lg | 04:21:46.290 | 0.5 | | | | | T__ | | | | --- | | 6091560 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.12 | 168.4 | Pn | 04:22:01.109 | 1.0 | | | | | T__ | | 30.2 | | ___ | ML | 1.6 | 6091562 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.12 | 168.4 | Sn | 04:22:17.369 | 1.0 | | | | | T__ | | | | --- | | 6091563 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/08 | 10:09:29.41 | 0.96 | 0.82 | 48.5697 | 20.7730 | 5.2 | 4.0 | 4 | 0.0f | | 16 | 10 | 124 | 0.17 | 1.29 | sx | BUD | 17000104 | BUD | | | 165 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.4 | 8 BUD | 17000104 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| JOS | 0.17 | 244.6 | Pg | 10:09:33.700 | 0.6 | | | | | T__ | | 273.8 | | ___ | ML | 1.2 | 6092188 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.2 magdef=0
KECS 0.21 245.7 Pg 10:09:34.482 0.7 T__ 744.0 ___ ML 1.8 6092189 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 245.7 Lg 10:09:37.006 -0.2 T__ ___ 6092190 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.41 131.2 Pg 10:09:38.431 0.5 T__ 73.1 ___ ML 1.3 6092191 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.48 200.4 Pg 10:09:39.623 0.1 T__ 46.0 ___ ML 1.3 6092192 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 200.4 Lg 10:09:46.142 -1.1 T__ ___ 6092193 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.88 222.3 Pn 10:09:48.004 -0.1 T__ 73.2 ___ ML 1.9 6092194 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.88 222.3 Lg 10:10:00.372 -0.7 T__ ___ 6092195 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.92 221.4 Lg 10:10:01.415 -0.6 T__ ___ 6092196 FDSN HU -- BUD iLoc HHN ??? _
LANS 1.04 304.5 Pg 10:09:49.830 -0.1 T__ 52.8 ___ ML 1.8 6092197 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 1.04 304.5 Lg 10:10:04.023 -0.6 T__ ___ 6092198 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOLS 1.06 69.3 Pg 10:09:49.718 0.2 T__ ___ 6092199 FDSN SK -- BUD iLoc HHZ ??? _
TRPA 1.26 109.8 Pn 10:09:53.629 0.5 T__ 56.5 ___ ML 2.0 6092201 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.26 109.8 Sn 10:10:10.616 -1.6 T__ ___ 6092200 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
VYHS 1.29 267.4 Pn 10:09:54.598 0.8 T__ 15.6 ___ ML 1.4 6092202 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 267.4 Sn 10:10:11.846 -1.3 T__ ___ 6092203 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/08 14:59:39.16 1.85 0.48 47.8665 20.1700 18.7 3.6 160 0.0f 10 5 215 0.19 0.84 kx BUD 17000108 BUD 230
2021/01/08 14:59:39.20 0.93 0.43 47.8650 20.1529f 0.0f 10 5 215 0.18 0.85 kx BUD_GT 17000109 BUD_GT 230
(locality : Kisnána Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD_GT 17000109

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.18 287.2 Pg 14:59:44.081 0.4 T__ 709.5 ___ ML 1.7 6092743 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.18 287.2 Lg 14:59:47.433 0.1 T__ ___ 6092744 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.19 274.4 Pg 14:59:44.155 0.5 T__ 496.3 ___ ML 1.5 6092745 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.19 274.4 Lg 14:59:46.711 -0.5 T__ ___ 6092746 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.36 44.0 Pg 14:59:46.837 -0.2 T__ 93.7 ___ ML 1.3 6092741 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 14:59:52.276 -0.9 T__ ___ 6092742 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1

```

```

(Station ML: 1.3 magdef=0
JOS 0.68 22.1 Pg 14:59:52.649 -0.2 T__ 37.0 --- ML 1.4 6092738 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 15:00:03.549 0.2 T__ --- 6092747 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ABAH 0.85 59.0 Pn 14:59:56.895 -0.2 T__ 57.6 --- ML 1.7 6092739 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.85 59.0 Lg 15:00:09.933 0.1 T__ --- 6092740 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/10 06:15:43.73 1.23 0.40 47.8437 16.3115 5.8 3.9 34 18.7 9.2 12 8 83 0.13 0.84 ke BUD 17000114 BUD 158

```

```

Magnitude Err Nsta Author OrigID
ML 1.0 0.2 5 BUD 17000114

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A004A 0.13 25.7 Pg 06:15:48.067 0.1 T__ 171.4 --- ML 0.9 6095168 FDSN Z3 00 BUD iLoc HHZ HHZ _
A004A 0.13 25.7 Lg 06:15:51.196 0.2 T__ --- 6095169 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
SOP 0.23 133.9 Pg 06:15:49.743 0.3 T__ 92.4 --- ML 0.9 6095173 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.23 133.9 Lg 06:15:52.798 -0.6 T__ --- 6095174 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
CONA 0.31 285.8 Pg 06:15:50.823 -0.1 T__ 74.7 --- ML 1.0 6095170 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.31 285.8 Lg 06:15:55.555 -0.2 T__ --- 6095175 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A011B 0.50 208.9 Pg 06:15:53.916 0.0 T__ 52.4 --- ML 1.4 6095176 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A013A 0.65 290.2 Pg 06:15:56.783 0.3 T__ 93.9 --- ML 1.8 6095172 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.65 290.2 Lg 06:16:05.575 0.5 T__ --- 6095171 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
A008A 0.69 320.2 Lg 06:16:06.246 -0.4 T__ --- 6095177 FDSN Z3 00 BUD iLoc HH2 ??? _
ARSA 0.80 222.3 Sn 06:16:10.270 -0.3 T__ --- 6095178 FDSN OE -- BUD iLoc HHE ??? _
MODS 0.84 50.3 Lg 06:16:12.859 -0.3 T__ --- 6095179 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/11 09:03:58.69 1.41 1.03 47.9493 20.4056 12.2 3.6 146 3.1 26.8 10 6 201 0.19 0.66 ke BUD 17000122 BUD 234

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.0 5 BUD 17000122

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.19 24.8 Pg 09:04:02.976 -0.0 T__ 270.4 --- ML 1.3 6100087 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.19 24.8 Lg 09:04:05.854 -0.6 T__ --- 6100093 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1

```



```

(Station ML: 1.3 magdef=1
PSZ 0.35 265.1 Pg 09:04:06.249 -0.0 T__ 96.9 --- ML 1.2 6100089 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.35 265.1 Lg 09:04:11.460 -0.4 T__ --- 6100094 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
ET1H 0.37 259.1 Pg 09:04:06.883 0.4 T__ 89.0 --- ML 1.3 6100090 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.54 5.7 Lg 09:04:17.719 0.2 T__ --- 6100088 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.55 9.2 Pg 09:04:10.021 0.3 T__ 36.8 --- ML 1.4 6100091 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.55 9.2 Lg 09:04:18.228 0.2 T__ --- 6100086 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ABAH 0.66 57.8 Pg 09:04:11.913 0.3 T__ 83.1 --- ML 1.8 6100095 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.66 57.8 Sn 09:04:23.068 -2.3 T__ --- 6100092 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/11 | 09:17:45.11 | 2.46 | 1.32 | 47.6962 | 18.4630 | 19.6 | 3.8 | 93 | 0.0f | 8 | 5 | 215 | 0.08 | 1.49 | --- | sd | BUD | 17000124 | BUD | | | 304 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 3 BUD | 17000124 |

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU09A 0.08 223.4 Pg 09:17:47.110 -0.1 T__ 1976.2 --- ML 1.8 6100141 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.08 223.4 Lg 09:17:49.419 0.1 T__ --- 6100142 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
SR0 0.15 319.3 Pg 09:17:48.637 -0.1 T__ 2590.4 --- ML 2.1 6100143 FDSN SK -- BUD iLoc EHZ EHZ _
SR0 0.15 319.3 Lg 09:17:52.064 0.2 T__ --- 6100144 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CSKK 0.36 202.5 Lg 09:17:59.831 0.6 T__ --- 6100145 FDSN HU -- BUD iLoc HHE ??? _
MPLH 0.82 230.3 Pn 09:18:02.569 -0.3 T__ 59.0 --- ML 1.7 6100146 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.82 230.3 Lg 09:18:13.819 0.1 T__ --- 6100147 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORH 1.49 175.2 Sn 09:18:30.135 -2.9 T__ --- 6100148 FDSN HU -- BUD iLoc HHE ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/11 | 20:22:13.75 | 0.75 | 0.77 | 47.3605 | 18.1846 | 2.4 | 2.4 | 36 | 3.4 | 5.4 | 45 | 26 | 40 | 0.05 | 1.28 | ke | BUD | 17000130 | BUD | | | 70 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.2 | 22 BUD | 17000130 |

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW3 0.05 299.6 Pg 20:22:14.889 -0.2 T__ 6487.7 _c_ ML 2.2 6101948 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.05 299.6 Lg 20:22:15.786 -0.6 T__ --- 6101949 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1

```

| | | | | | | | | | | | | | |
|---------------------------|--------------|------|-----|--------|--------|-----|---------|------|----|----|-----|------|-----------|
| (Station ML: 2.2 magdef=0 | | | | | | | | | | | | | |
| CSKK 0.05 87.1 Pg | 20:22:15.603 | 0.3 | T__ | 5378.8 | _d ML | 2.2 | 6101928 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| CSKK 0.05 87.1 Lg | 20:22:16.880 | 0.1 | T__ | | --- | | 6101910 | FDSN | HU | -- | BUD | iLoc | HHN ??? _ |
| (Reading ML: 2.2 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | |
| MSW1 0.06 57.3 Pg | 20:22:15.636 | 0.2 | T__ | 4135.2 | _d ML | 2.1 | 6101951 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| MSW1 0.06 57.3 Lg | 20:22:16.724 | -0.3 | T__ | | --- | | 6101953 | FDSN | HU | -- | BUD | iLoc | HHN ??? _ |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | |
| MSW2 0.06 162.9 Pg | 20:22:15.533 | 0.1 | T__ | 2504.7 | ___ ML | 1.9 | 6101950 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| MSW2 0.06 162.9 Lg | 20:22:16.598 | -0.4 | T__ | | --- | | 6101952 | FDSN | HU | -- | BUD | iLoc | HHN ??? _ |
| (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | |
| HU08A 0.19 291.9 Pg | 20:22:17.531 | -0.3 | T__ | 424.4 | _c ML | 1.5 | 6101929 | FDSN | ZJ | 00 | BUD | iLoc | HHZ HHZ _ |
| HU08A 0.19 291.9 Lg | 20:22:20.531 | -0.7 | T__ | | --- | | 6101909 | FDSN | ZJ | 00 | BUD | iLoc | HHN ??? _ |
| (Reading ML: 1.5 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | |
| HU09A 0.31 25.7 Pg | 20:22:19.786 | -0.3 | T__ | 318.7 | ___ ML | 1.7 | 6101911 | FDSN | ZJ | 00 | BUD | iLoc | HHZ HHZ _ |
| HU09A 0.31 25.7 Lg | 20:22:25.233 | -0.1 | T__ | | --- | | 6101930 | FDSN | ZJ | 00 | BUD | iLoc | HHN ??? _ |
| (Reading ML: 1.7 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0 | | | | | | | | | | | | | |
| SRD 0.46 10.8 Pg | 20:22:24.014 | 1.0 | T__ | 411.2 | ___ ML | 2.2 | 6101932 | FDSN | SK | -- | BUD | iLoc | EHZ EHZ _ |
| SRD 0.46 10.8 Lg | 20:22:31.930 | 1.3 | T__ | | --- | | 6101914 | FDSN | SK | -- | BUD | iLoc | EHN ??? _ |
| (Reading ML: 2.2 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0 | | | | | | | | | | | | | |
| A267A 0.46 153.8 Pg | 20:22:24.256 | 1.2 | T__ | 138.4 | ___ ML | 1.7 | 6101916 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A267A 0.46 153.8 Lg | 20:22:30.216 | -0.2 | T__ | | --- | | 6101931 | FDSN | Z3 | 00 | BUD | iLoc | HHE ??? _ |
| (Reading ML: 1.7 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | |
| MPLH 0.48 246.8 Pg | 20:22:23.511 | 0.1 | T__ | 70.1 | ___ ML | 1.5 | 6101913 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| MPLH 0.48 246.8 Lg | 20:22:31.073 | 0.5 | T__ | | --- | | 6101912 | FDSN | HU | -- | BUD | iLoc | HHE ??? _ |
| (Reading ML: 1.5 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | |
| TIH 0.50 203.5 Pg | 20:22:24.256 | 0.4 | T__ | 229.8 | ___ ML | 2.1 | 6101915 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | |
| EGYH 0.58 275.9 Pg | 20:22:25.858 | 0.4 | T__ | 142.5 | ___ ML | 2.0 | 6101933 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| (Reading ML: 2.0 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | |
| A338A 0.66 9.8 Pg | 20:22:27.087 | -0.0 | T__ | 167.9 | ___ ML | 2.1 | 6101934 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A338A 0.66 9.8 Lg | 20:22:38.263 | 0.5 | T__ | | --- | | 6101935 | FDSN | Z3 | 00 | BUD | iLoc | HH2 ??? _ |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | |
| A266A 0.84 176.2 Pn | 20:22:30.924 | -0.0 | T__ | 125.1 | ___ ML | 2.1 | 6101936 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | |
| A003A 0.86 297.9 Pn | 20:22:32.079 | 0.5 | T__ | 167.6 | ___ ML | 2.2 | 6101917 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A003A 0.86 297.9 Sn | 20:22:45.452 | 0.4 | T__ | | --- | | 6101918 | FDSN | Z3 | 00 | BUD | iLoc | HH2 ??? _ |
| (Reading ML: 2.2 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0 | | | | | | | | | | | | | |
| A263A 0.93 219.9 Lg | 20:22:45.484 | 0.7 | T__ | | --- | | 6101919 | FDSN | Z3 | 00 | BUD | iLoc | HHE ??? _ |
| A265A 0.97 196.1 Pg | 20:22:34.085 | 1.1 | T__ | 207.0 | ___ ML | 2.4 | 6101920 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A265A 0.97 196.1 Sn | 20:22:48.619 | 1.0 | T__ | | --- | | 6101937 | FDSN | Z3 | 00 | BUD | iLoc | HHN ??? _ |

```

(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
HU01A 0.98 90.4 Lg 20:22:49.140 0.9 T__ --- 6101938 FDSN ZJ 00 BUD iLoc HHN ??? _
HU04A 1.04 121.4 Lg 20:22:49.736 -0.9 T__ --- 6101939 FDSN ZJ 00 BUD iLoc HHE ??? _
HU03A 1.10 59.9 Pg 20:22:36.097 -0.2 T__ 74.6 --- ML 2.0 6101921 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
SOP 1.15 286.9 Pg 20:22:36.395 0.0 T__ 41.6 --- ML 1.8 6101923 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 1.15 286.9 Sn 20:22:51.631 -0.3 T__ --- 6101922 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 1.18 329.3 Pn 20:22:36.251 0.0 T__ --- 6101941 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.18 329.3 Sn 20:22:52.195 -1.4 T__ --- 6101940 FDSN SK -- BUD iLoc HHE ??? _
MORH 1.19 164.5 Pg 20:22:36.102 -0.8 T__ 33.9 --- ML 1.7 6101942 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.19 164.5 Lg 20:22:53.312 -1.3 T__ --- 6101943 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 1.22 20.9 Pn 20:22:37.587 1.1 T__ 17.1 --- ML 1.4 6101924 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.22 20.9 Sn 20:22:54.350 -0.1 T__ --- 6101925 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
ET1H 1.25 64.9 Pg 20:22:38.188 -1.4 T__ 38.2 --- ML 1.8 6101945 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.25 64.9 Lg 20:22:56.591 -1.1 T__ --- 6101944 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOVH 1.27 182.7 Pg 20:22:37.996 -0.6 T__ 57.1 --- ML 2.0 6101926 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.27 182.7 Lg 20:22:55.622 -1.0 T__ --- 6101946 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 1.28 63.6 Pg 20:22:39.002 -1.4 T__ 54.7 --- ML 2.0 6101927 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.28 63.6 Sn 20:22:57.038 0.9 T__ --- 6101947 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/12 11:45:00.70 1.84 1.32 48.4420 17.5515 13.7 5.4 121 0.0f 10 7 169 0.20 1.27 sx BUD 17000140 BUD 235

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 17000140

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.20 249.6 Pg 11:45:05.340 0.1 T__ --- 6107847 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.20 249.6 Lg 11:45:07.199 -1.8 T__ --- 6107851 FDSN SK -- BUD iLoc HHE ??? _
JAVC 0.42 10.7 Lg 11:45:15.376 -1.4 T__ --- 6107852 FDSN CZ -- BUD iLoc HHN ??? _
KRUC 0.99 309.5 Pg 11:45:20.930 1.3 T__ 54.7 --- ML 1.8 6107848 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.99 309.5 Lg 11:45:32.791 -1.3 T__ --- 6107853 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VRAC 1.07 324.2 Pn 11:45:23.836 1.4 T__ 17.3 --- ML 1.3 6107849 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CONA 1.24 246.2 Pn 11:45:25.229 0.2 T__ 68.4 --- ML 2.0 6107854 FDSN OE -- BUD iLoc HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|-----|--|--|--|--|-----|------|--|--|-----|---------|------|---------|------|-----|------|-----|------|-----|-----|---|
| CONA | 1.24 | 246.2 | Lg | 11:45:41.210 | 0.0 | | | | | T__ | | | | | 6107855 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 1.27 | 267.4 | Lg | 11:45:43.160 | 0.9 | | | | | T__ | | | | | 6107850 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| MPLH | 1.27 | 180.4 | Pn | 11:45:25.825 | 0.9 | | | | | T__ | 45.9 | | | --- | ML | 1.9 | 6107856 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/12 | 15:03:52.51 | 2.10 | 0.84 | 47.1498 | 19.4171 | 34.6 | 13.6 | 103 | 0.0f | | 7 | 6 | 159 | 0.76 | 1.08 | sx | BUD | 17000142 | BUD | | | 250 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 6 BUD | 17000142 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|--------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU03A | 0.76 | 9.2 | Pg | 15:04:08.999 | 0.4 | | | | | T__ | | 75.1 | | --- | ML | 1.8 | 6107884 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATANC | 0.79 | 53.6 | Pn | 15:04:10.252 | 0.8 | | | | | T__ | 1186.3 | | | --- | ML | 3.0 | 6107890 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.79 | 22.7 | Pn | 15:04:09.079 | -0.7 | | | | | T__ | 33.2 | | | --- | ML | 1.5 | 6107889 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.83 | 22.6 | Pn | 15:04:09.844 | -0.7 | | | | | T__ | 61.1 | | | --- | ML | 1.7 | 6107885 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.83 | 22.6 | Lg | 15:04:22.621 | -0.6 | | | | | T__ | | | | | | 6107886 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU06A | 0.90 | 118.6 | Pn | 15:04:11.334 | 0.2 | | | | | T__ | 305.5 | | | --- | ML | 2.5 | 6107887 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.08 | 209.9 | Pn | 15:04:12.619 | -0.9 | | | | | T__ | 31.2 | | | --- | ML | 1.6 | 6107888 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/13 | 08:07:41.86 | 0.91 | 1.01 | 47.1201 | 17.9958 | 5.4 | 3.6 | 127 | 0.0f | | 11 | 6 | 117 | 0.23 | 1.03 | sx | BUD | 17000144 | BUD | | | 198 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.4 | 6 BUD | 17000144 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TIH | 0.23 | 197.8 | Pg | 08:07:47.417 | 0.4 | | | | | T__ | | 489.4 | | --- | ML | 1.6 | 6112091 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.23 | 38.7 | Pg | 08:07:47.747 | 0.6 | | | | | T__ | 86.5 | | | --- | ML | 0.9 | 6112096 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.23 | 38.7 | Lg | 08:07:50.571 | -1.2 | | | | | T__ | | | | | | 6112097 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.30 | 36.5 | Pg | 08:07:49.345 | 0.9 | | | | | T__ | 90.6 | | | --- | ML | 1.1 | 6112087 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

```

CSKK  0.30 36.5 Lg      08:07:52.650 -1.5      T__          ---          6112092    FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MPLH  0.32 279.3 Pg     08:07:49.372  0.6      T__          65.6      --- ML      1.0 6112094    FDSN HU      -- BUD  iLoc  HHZ HHZ _
MPLH  0.32 279.3 Lg     08:07:53.023 -1.1      T__          ---          6112093    FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MORH  1.01 153.5 Pn     08:08:02.495  0.6      T__          36.5      --- ML      1.6 6112088    FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH  1.01 153.5 Lg     08:08:15.942 -0.8      T__          ---          6112089    FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOVH  1.03 176.0 Pn     08:08:03.006  0.6      T__          40.9      --- ML      1.7 6112095    FDSN HU      -- BUD  iLoc  HHZ HHZ _
KOVH  1.03 176.0 Lg     08:08:17.507 -0.4      T__          ---          6112090    FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0

```

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/01/13 09:40:11.22  0.91  1.10 47.1061  18.0297  6.4  3.6 107  0.0f  10  7 123  0.23  1.02  sx BUD  17000146  BUD  145

```

```

Magnitude  Err Nsta Author  OrigID
ML  1.9 0.2  4 BUD  17000146

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
TIH  0.23 204.5 Pg     09:40:16.817  0.5
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
CSKK  0.30 31.4 Pg     09:40:18.666  0.9      T__          425.1      --- ML      1.8 6112159    FDSN HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.30 31.4 Lg     09:40:22.410 -1.1      T__          ---          6112160    FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU08A 0.33 347.5 Lg     09:40:24.268 -0.1      T__          ---          6112153    FDSN ZJ      00 BUD  iLoc  HHN ??? _
MPLH  0.34 281.0 Lg     09:40:23.472 -0.9      T__          ---          6112161    FDSN HU      -- BUD  iLoc  HHN ??? _
HU09A 0.58 24.1 Lg     09:40:31.569 -1.7      T__          ---          6112154    FDSN ZJ      00 BUD  iLoc  HHN ??? _
MORH  0.99 154.4 Pg     09:40:31.644  0.8      T__          39.6      --- ML      1.6 6112155    FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH  0.99 154.4 Lg     09:40:44.458 -0.9      T__          ---          6112156    FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOVH  1.02 177.3 Pn     09:40:31.569  0.0      T__          78.8      --- ML      2.0 6112158    FDSN HU      -- BUD  iLoc  HHZ HHZ _
KOVH  1.02 177.3 Lg     09:40:45.576 -1.2      T__          ---          6112157    FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/01/13 10:02:17.77  1.54  0.24 48.5244  20.7849  13.3  3.8 12  0.0f  8  5 226  0.17  0.89  sx BUD  17000148  BUD  303

```

```

Magnitude  Err Nsta Author  OrigID
ML  1.2 0.1  3 BUD  17000148

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
JOS  0.17 260.1 Pg     10:02:21.353  0.0      T__          273.7      --- ML      1.2 6112188    FDSN ZJ      -- BUD  iLoc  HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|-------|--|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| JOS | 0.17 | 260.1 | Lg | 10:02:24.158 | 0.1 | T__ | | | | | | | | 6112191 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 258.4 | Pg | 10:02:21.986 | -0.1 | T__ | | | | 795.0 | | | ML | 1.8 | 6112189 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 258.4 | Lg | 10:02:25.481 | 0.1 | T__ | | | | | | | | 6112192 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.38 | 126.9 | Pg | 10:02:25.749 | 0.1 | T__ | | | | 56.7 | | | ML | 1.1 | 6112190 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.38 | 126.9 | Lg | 10:02:31.870 | -0.4 | T__ | | | | | | | | 6112193 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.44 | 203.4 | Lg | 10:02:34.476 | 0.2 | T__ | | | | | | | | 6112194 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.89 | 223.8 | Lg | 10:02:49.191 | -0.2 | T__ | | | | | | | | 6112195 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/14 | 15:07:57.96 | 5.31 | 0.60 | 47.2308 | 19.5001 | 36.7 | 13.0 | 166 | 0.0f | | 5 | 4 | 311 | 0.68 | 0.74 | sx | BUD | 17000156 | BUD | | | 344 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 4 BUD | 17000156 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU03A | 0.68 | 5.7 | Pg | 15:08:13.002 | 0.7 | | | | | T__ | | 66.7 | | | ML | 1.7 | 6113466 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.70 | 21.1 | Pg | 15:08:12.757 | -0.0 | | | | | T__ | | 30.3 | | | ML | 1.4 | 6113464 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.70 | 332.2 | Pg | 15:08:12.332 | -0.1 | | | | | T__ | | 79.9 | | | ML | 1.8 | 6113465 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.74 | 21.1 | Pg | 15:08:13.636 | -0.2 | | | | | T__ | | 51.7 | | | ML | 1.6 | 6113467 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.74 | 21.1 | Lg | 15:08:24.930 | -0.4 | | | | | T__ | | | | | | 6113468 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/15 | 08:24:27.50 | 1.19 | 0.48 | 48.0136 | 20.3350 | 11.1 | 3.4 | 144 | 5.0f | | 9 | 5 | 202 | 0.17 | 0.51 | ke | BUD | 17000160 | BUD | | | 236 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.4 | 5 BUD | 17000160 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.17 | 49.5 | Pg | 08:24:31.453 | 0.1 | | | | | T__ | | 118.0 | | | ML | 0.8 | 6114714 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.17 | 49.5 | Lg | 08:24:34.470 | -0.1 | | | | | T__ | | | | | | 6114712 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.31 | 252.3 | Pg | 08:24:34.768 | 0.4 | | | | | T__ | | 42.2 | | | ML | 0.8 | 6114713 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.31 | 252.3 | Lg | 08:24:39.302 | -0.3 | | | | | T__ | | | | | | 6114719 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

KECS  0.48 12.0 Pg      08:24:37.488  0.3      T__      91.9      ___ ML      1.6 6114715  FDSN SK      -- BUD  iLoc  EHZ EHZ  _
KECS  0.48 12.0 Lg      08:24:43.699 -0.7      T__      ___      ___      6114720  FDSN SK      -- BUD  iLoc  EHE ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
JOS   0.50 15.7 Pg      08:24:38.158  0.7      T__      26.1      ___ ML      1.1 6114716  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS   0.50 15.7 Lg      08:24:44.716 -0.4      T__      ___      ___      6114718  FDSN ZJ      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU03A 0.51 257.7 Pg      08:24:37.939 -0.1      T__      57.7      ___ ML      1.5 6114717  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/01/15 09:00:10.54  1.27  0.81 46.1210 18.0704  9.4  4.2 150  0.0f  7  4 120  0.04  1.11  sx BUD  17000162  BUD  215

```

```

Magnitude Err Nsta Author  OrigID
ML 1.5 0.4 3 BUD 17000162

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
KOVH 0.04 147.9 Pg      09:00:12.148  0.1      T__      1220.9  _c_ ML      1.5 6114748  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
KOVH 0.04 147.9 Lg      09:00:13.340 -0.2      T__      ___      ___      6114749  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A273A 0.27 221.0 Pg      09:00:16.320 -0.2      T__      513.7  ___ ML      1.8 6114751  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A273A 0.27 221.0 Lg      09:00:21.312  0.7      T__      ___      ___      6114750  FDSN Z3      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MORH 0.41 76.5 Pg      09:00:19.524  0.3      T__      33.6   ___ ML      1.0 6114752  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
MORH 0.41 76.5 Lg      09:00:25.000 -0.9      T__      ___      ___      6114754  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MPLH 1.11 341.0 Sn      09:00:47.723 -1.1      T__      ___      ___      6114753  FDSN HU      -- BUD  iLoc  HHN ???  _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/01/15 11:30:23.67  1.69  0.44 48.5123 20.8359 12.1  6.1  20  0.0f  8  6 223  0.20  0.90  sx BUD  17000164  BUD  302

```

```

Magnitude Err Nsta Author  OrigID

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
JOS  0.20 265.3 Pg      11:30:28.079  0.2      T__      124.4  ___ ML      0.9 6114938  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS  0.20 265.3 Lg      11:30:30.948 -0.2      T__      ___      ___      6114939  FDSN ZJ      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KECS 0.23 263.0 Pg      11:30:28.657  0.1      T__      313.9  ___ ML      1.4 6114940  FDSN SK      -- BUD  iLoc  EHZ EHZ  _
KECS 0.23 263.0 Lg      11:30:31.916 -0.5      T__      ___      ___      6114941  FDSN SK      -- BUD  iLoc  EHN ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ABAH 0.35 128.7 Lg      11:30:36.696 -0.3      T__      ___      ___      6114942  FDSN HU      -- BUD  iLoc  HHE ???  _
HU02A 0.44 208.1 Lg      11:30:40.477  0.2      T__      ___      ___      6114943  FDSN ZJ      00 BUD  iLoc  HHE ???  _
PSZ  0.87 227.0 Lg      11:30:54.298 -0.7      T__      ___      ___      6114944  FDSN GE      -- BUD  iLoc  HHE ???  _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
|------------|-------------|-------|--------|----------------------------|-----------|----------------------------|-------|------|-------|------|------|-------|-----|-------|-----------|---------|---------|----------|-----|-------|------|------|-----|-----|---|
| 2021/01/15 | 13:22:07.02 | 1.00 | 1.14 | 46.9856 | 22.2771 | 9.3 | 5.7 | 63 | 4.1 | 12.4 | 26 | 19 | 46 | 0.36 | 1.91 | ke | BUD | 17000168 | BUD | | | 76 | | | |
| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
| ML | 2.2 | 0.2 | 16 | BUD | 17000168 | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| DRGR | 0.36 | 122.9 | Pg | 13:22:14.217 | -0.1 | | | | | T__ | | 414.7 | | _c_ | ML | 1.9 | 6115709 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.36 | 122.9 | Lg | 13:22:18.914 | -1.4 | | | | | T__ | | | | --- | | 6115700 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| LTVH | 0.47 | 327.4 | Pg | 13:22:17.387 | 0.6 | | | | | T__ | | 247.2 | | --- | ML | 2.0 | 6115701 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| LTVH | 0.47 | 327.4 | Lg | 13:22:23.222 | -1.4 | | | | | T__ | | | | --- | | 6115710 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU24A | 0.77 | 264.8 | Pn | 13:22:22.211 | -1.0 | | | | | T__ | | 242.5 | | --- | ML | 2.3 | 6115702 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.3 magdef=1) | | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.83 | 210.9 | Pn | 13:22:23.707 | -0.6 | | | | | T__ | | 39.9 | | --- | ML | 1.6 | 6115711 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.83 | 210.9 | Lg | 13:22:35.031 | -0.7 | | | | | T__ | | | | --- | | 6115712 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CJR | 0.95 | 106.2 | Pn | 13:22:25.712 | -0.4 | | | | | T__ | | 457.9 | | --- | ML | 2.7 | 6115703 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.7 magdef=1) | | (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.96 | 306.5 | Pg | 13:22:26.904 | 0.3 | | | | | T__ | | 205.9 | | --- | ML | 2.3 | 6115704 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.3 magdef=1) | | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU07A | 1.03 | 346.3 | Pg | 13:22:27.798 | 0.8 | | | | | T__ | | 164.7 | | --- | ML | 2.3 | 6115705 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.3 magdef=1) | | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BMR | 1.08 | 49.9 | Pg | 13:22:28.506 | 0.6 | | | | | T__ | | 173.9 | | --- | ML | 2.3 | 6115706 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.3 magdef=1) | | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TRPA | 1.16 | 8.7 | Pn | 13:22:29.102 | 0.3 | | | | | T__ | | 62.0 | | --- | ML | 1.9 | 6115707 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.9 magdef=1) | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| DEV | 1.18 | 158.3 | Pg | 13:22:30.294 | 0.7 | | | | | T__ | | 332.8 | | --- | ML | 2.7 | 6115708 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.7 magdef=1) | | (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU06A | 1.20 | 257.5 | Pn | 13:22:30.263 | 1.0 | | | | | T__ | | 390.7 | | --- | ML | 2.8 | 6115713 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.8 magdef=1) | | (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| ARCR | 1.42 | 85.2 | Pg | 13:22:34.137 | -0.4 | | | | | T__ | | 84.7 | | --- | ML | 2.2 | 6115714 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARCR | 1.42 | 85.2 | Sn | 13:22:52.986 | 0.3 | | | | | T__ | | | | --- | | 6115715 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.2 magdef=1) | | (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BZS | 1.44 | 198.7 | Pn | 13:22:32.945 | 0.1 | | | | | T__ | | 31.8 | | --- | ML | 1.8 | 6115717 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.44 | 198.7 | Lg | 13:22:53.508 | -0.4 | | | | | T__ | | | | --- | | 6115716 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |


```

(Station ML: 1.8 magdef=0
ABAH 1.49 332.2 Lg 13:22:56.041 -0.7 T__
GZR 1.63 167.5 Pn 13:22:36.968 1.1 T__ 58.3 --- ML 2.2 6115720 FDSN HU -- BUD iLoc HHE ??? _
GZR 1.63 167.5 Lg 13:22:59.096 -0.8 T__ --- 6115719 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU02A 1.64 314.4 Pn 13:22:36.074 0.5 T__ 29.6 --- ML 1.9 6115721 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.64 314.4 Lg 13:22:59.766 -2.3 T__ --- 6115722 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
LOT 1.85 145.5 Lg 13:23:05.578 -2.2 T__ --- 6115723 FDSN RO -- BUD iLoc HHE ??? _
ET1H 1.86 299.6 Sn 13:23:04.087 1.8 T__ --- 6115724 FDSN HU -- BUD iLoc HHE ??? _
JOS 1.91 322.8 Pn 13:22:40.917 1.7 T__ 26.9 --- ML 2.0 6115725 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/15 | 23:52:31.41 | 2.86 | 0.07 | 47.3310 | 18.2372 | 32.3 | 2.9 | 114 | 0.7 | 17.3 | 6 | 3 | 185 | 0.03 | 0.06 | ke | BUD | 17000170 | BUD | | | 347 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.5 | 0.3 | 3 BUD | 17000170 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.03 | 212.0 | Pg | 23:52:32.515 | -0.0 | | | | | T__ | | 175.3 | | --- | ML | 0.6 | 6117411 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.03 | 212.0 | Lg | 23:52:33.688 | -0.0 | | | | | T__ | | | | --- | | 6117412 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.04 | 26.2 | Pg | 23:52:32.552 | -0.0 | | | | | T__ | | 71.8 | | _c_ | ML | 0.3 | 6117414 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.04 | 26.2 | Lg | 23:52:33.781 | -0.0 | | | | | T__ | | | | --- | | 6117413 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.3 magdef=1 (Station ML: 0.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.06 | 13.4 | Pg | 23:52:33.111 | 0.0 | | | | | T__ | | 97.7 | | --- | ML | 0.5 | 6117415 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.06 | 13.4 | Lg | 23:52:34.634 | -0.1 | | | | | T__ | | | | --- | | 6117416 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/01/16 | 17:46:42.52 | 1.86 | 0.48 | 47.3492 | 18.2822 | 12.1 | 3.9 | 106 | 2.0f | | 7 | 4 | 245 | 0.02 | 0.11 | ke | BUD | 17000174 | BUD | | | | 307 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.6 | 4 BUD | 17000174 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.02 | 313.3 | Pg | 17:46:43.714 | 0.3 | | | | | T__ | | 1396.6 | | _c_ | ML | 1.5 | 6118779 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.02 | 313.3 | Lg | 17:46:44.025 | -0.3 | | | | | T__ | | | | --- | | 6118780 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.05 | 340.2 | Pg | 17:46:44.068 | 0.2 | | | | | T__ | | 2211.4 | | _c_ | ML | 1.8 | 6118776 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.05 | 340.2 | Lg | 17:46:44.486 | -0.7 | | | | | T__ | | | | --- | | 6118781 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.8 magdef=1
MSW2 0.07 225.9 Pg 17:46:44.413 0.2 T__ 304.2 ___ ML 1.0 6118775 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW3 0.11 287.8 Pg 17:46:45.353 0.3 T__ 117.8 ___ ML 0.7 6118778 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.11 287.8 Lg 17:46:47.076 -0.2 T__ ___ 6118777 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/17 06:14:49.89 0.93 0.95 47.9541 19.2427 6.4 2.9 169 3.0f 10 7 132 0.19 1.02 ke BUD 17000176 BUD 231

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.0 3 BUD 17000176

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.19 234.2 Pg 06:14:54.128 0.2 T__ 105.0 _c_ ML 0.8 6122279 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.19 234.2 Lg 06:14:56.887 -0.3 T__ ___ 6122273 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
HU03A 0.25 101.7 Pg 06:14:56.223 1.1 T__ 120.2 ___ ML 1.1 6122275 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.25 101.7 Lg 06:14:59.594 0.6 T__ ___ 6122274 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ET1H 0.43 99.8 Pg 06:14:58.802 -0.2 T__ 36.1 ___ ML 1.1 6122276 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.43 99.8 Lg 06:15:04.829 -0.7 T__ ___ 6122277 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.44 94.4 Lg 06:15:05.367 -0.9 T__ ___ 6122280 FDSN GE -- BUD iLoc HHN ??? _
VYHS 0.60 333.4 Lg 06:15:11.240 0.3 T__ ___ 6122278 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.88 78.5 Lg 06:15:19.796 -1.6 T__ ___ 6122281 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 1.02 57.5 Lg 06:15:24.393 -0.9 T__ ___ 6122282 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/17 23:20:10.26 1.13 0.76 45.9993 18.4214 8.3 4.3 174 4.0f 6 4 161 0.24 1.29 ke BUD 17000180 BUD 265

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.9 4 BUD 17000180

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.24 291.8 Pg 23:20:15.637 0.2 T__ 37.8 ___ ML 0.5 6123133 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.24 291.8 Lg 23:20:18.537 -0.6 T__ ___ 6123131 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
MORH 0.27 35.5 Pg 23:20:16.447 0.6 T__ 22.7 ___ ML 0.4 6123134 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.27 35.5 Lg 23:20:19.903 -0.1 T__ ___ 6123135 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
HU22A 0.59 56.1 Pg 23:20:21.206 -0.9 T__ 95.4 ___ ML 1.8 6123136 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1

```

(Station ML: 1.8 magdef=1
 FRGS 1.29 130.3 Pg 23:20:34.704 0.4 T__ 39.4 ___ ML 1.8 6123132 FDSN SJ -- BUD iLoc BHZ BHZ _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/01/18 | 09:53:46.79 | 0.95 | 0.79 | 48.5133 | 20.7189 | 5.2 | 3.6 | 12 | 0.0f | 12 | 7 | 138 | 0.12 | 0.95 | sx | BUD | 17000182 | BUD | | | | 220 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 6 BUD | 17000182 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.12 | 261.7 | Pg | 09:53:49.396 | -0.1 | | | | | T__ | | 278.6 | | ___ | ML | 1.1 | 6123351 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.12 | 261.7 | Lg | 09:53:52.153 | 0.6 | | | | | T__ | | | | --- | | 6123352 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.16 | 259.1 | Pg | 09:53:49.769 | -0.4 | | | | | T__ | | 776.7 | | ___ | ML | 1.6 | 6123354 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.16 | 259.1 | Lg | 09:53:53.456 | 0.6 | | | | | T__ | | | | --- | | 6123353 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.41 | 121.9 | Pg | 09:53:55.654 | 0.4 | | | | | T__ | | 70.4 | | ___ | ML | 1.3 | 6123355 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.41 | 121.9 | Lg | 09:54:00.744 | -1.6 | | | | | T__ | | | | --- | | 6123357 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.41 | 198.4 | Lg | 09:54:02.867 | 0.5 | | | | | T__ | | | | --- | | 6123358 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.81 | 223.1 | Pg | 09:54:04.059 | 0.1 | | | | | T__ | | 52.7 | | ___ | ML | 1.7 | 6123360 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.81 | 223.1 | Lg | 09:54:15.942 | -0.3 | | | | | T__ | | | | --- | | 6123359 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.85 | 222.1 | Pn | 09:54:04.320 | -0.6 | | | | | T__ | | 32.3 | | ___ | ML | 1.5 | 6123361 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.95 | 343.2 | Pg | 09:54:05.265 | 0.6 | | | | | T__ | | 78.2 | | ___ | ML | 1.9 | 6123356 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.95 | 343.2 | Lg | 09:54:17.060 | -1.1 | | | | | T__ | | | | --- | | 6123362 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/01/18 | 11:00:23.16 | 1.51 | 0.78 | 48.1130 | 16.9802 | 15.3 | 4.6 | 146 | 0.0f | 7 | 4 | 219 | 0.33 | 1.03 | sx | BUD | 17000184 | BUD | | | | 300 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.33 | 37.2 | Pg | 11:00:30.158 | -0.1 | | | | | T__ | | | | --- | | 6123390 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.33 | 37.2 | Lg | 11:00:35.001 | -1.0 | | | | | T__ | | | | --- | | 6123391 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 0.77 | 256.6 | Pg | 11:00:38.205 | -0.3 | | | | | T__ | | 50.1 | | ___ | ML | 1.6 | 6123393 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.77 | 256.6 | Lg | 11:00:49.008 | 0.4 | | | | | T__ | | | | --- | | 6123392 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.88 | 31.3 | Pg | 11:00:42.153 | 1.0 | | | | | T__ | | 70.7 | | ___ | ML | 1.8 | 6123394 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | |
|------|----------------------------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JAVC | 0.88 | 31.3 | Lg | 11:00:54.670 | -0.0 | T__ | --- | 6123395 | FDSN | CZ | -- | BUD | iLoc | HHZ | ??? | _ |
| | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | |
| | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | |
| KRUC | 1.03 | 338.0 | Lg | 11:00:57.650 | -0.4 | T__ | --- | 6123396 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/01/19 | 04:44:37.28 | 3.27 | 1.42 | 45.7786 | 16.2023 | 47.1 | 10.8 | 3 | 7.5 | 19.6 | 27 | 27 | 200 | 0.16 | 4.62 | ke | BUD | 17000186 | BUD | | | 215 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 3.8 | 0.2 | 20 BUD | 17000186 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|----------------------------|-------|-------|--------------|-------|------|-------|------|------|-----|-----|----------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| ZAG | 0.16 | 287.9 | Pg | 04:44:41.234 | 0.5 | | | | | T__ | | 94570.3 | | --- | ML | 3.7 | 6125254 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| | (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.21 | 308.2 | Pg | 04:44:42.331 | 0.3 | | | | | T__ | | 19526.2 | | --- | ML | 3.2 | 6125255 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| | (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.52 | 275.5 | Pg | 04:44:44.984 | -2.5 | | | | | T__ | | 16594.1 | | --- | ML | 4.0 | 6125256 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| | (Reading ML: 4.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 4.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.67 | 2.8 | Pn | 04:44:52.068 | -0.4 | | | | | T__ | | 7763.7 | | --- | ML | 3.8 | 6125258 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| | (Reading ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.80 | 29.7 | Pg | 04:44:54.019 | 1.1 | | | | | T__ | | 26052.0 | | --- | ML | 4.4 | 6125259 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 4.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 4.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| BLY | 1.24 | 145.7 | Pn | 04:44:50.226 | -10.3 | | | | | --- | | | | | | 6125257 | FDSN | MN | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOVH | 1.36 | 76.2 | Pn | 04:44:57.704 | -4.0 | | | | | --- | | | | | | 6125260 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| OBKA | 1.36 | 303.0 | Pn | 04:45:02.621 | -0.1 | | | | | T__ | | 4434.9 | | --- | ML | 3.9 | 6125261 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.55 | 342.6 | Pg | 04:45:04.463 | -1.3 | | | | | T__ | | 1867.3 | | --- | ML | 3.6 | 6125264 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| TIH | 1.62 | 45.6 | Pn | 04:45:03.784 | -1.5 | | | | | T__ | | | | | | 6125263 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| MPLH | 1.67 | 33.1 | Pn | 04:45:05.253 | -0.8 | | | | | T__ | | 1137.6 | | --- | ML | 3.5 | 6125265 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.76 | 74.7 | Pn | 04:45:03.126 | -3.9 | | | | | --- | | | | | | 6125262 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| EGYH | 1.81 | 25.0 | Pn | 04:45:08.012 | -0.0 | | | | | T__ | | 2065.8 | | --- | ML | 3.8 | 6125266 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 1.92 | 7.2 | Pn | 04:45:09.624 | -0.0 | | | | | T__ | | 948.6 | | --- | ML | 3.5 | 6125267 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 2.13 | 41.1 | Pg | 04:45:16.770 | -0.4 | | | | | T__ | | | | | | 6125237 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| CONA | 2.16 | 353.9 | Pn | 04:45:13.434 | 0.1 | | | | | T__ | | 497.0 | | --- | ML | 3.4 | 6125268 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| BUD | 2.59 | 47.7 | Pg | 04:45:25.030 | -1.0 | | | | | T__ | | | | | | 6125239 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 2.70 | 15.4 | Pn | 04:45:22.800 | 2.3 | | | | | T__ | | 229095.4 | | --- | ML | 6.4 | 6125238 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | |
|---|------|-------|----|--------------|------|-----|--------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| (Reading ML: 6.4 magdef=1 (Station ML: 6.4 magdef=0) | | | | | | | | | | | | | | | | | | | | |
| BSZH | 3.19 | 60.1 | Pg | 04:45:39.620 | 1.2 | T__ | | | | | 6125244 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| JAVC | 3.24 | 17.4 | Pn | 04:45:30.928 | 2.8 | T__ | 221.4 | --- | ML | 3.6 | 6125240 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| KRUC | 3.29 | 2.2 | Pn | 04:45:28.262 | -0.4 | T__ | 346.3 | --- | ML | 3.9 | 6125269 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| CKRC | 3.30 | 337.7 | Pn | 04:45:29.413 | 0.4 | T__ | 698.1 | --- | ML | 4.2 | 6125270 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=0) | | | | | | | | | | | | | | | | | | | | |
| PSZ | 3.32 | 48.5 | Pg | 04:45:40.530 | -0.2 | T__ | | | | | 6125245 | FDSN | GE | -- | BUD | iLoc | HHZ | ??? | _ | |
| BANR | 3.49 | 94.8 | Pn | 04:45:37.669 | 6.4 | --- | 4948.1 | --- | ML | 5.1 | 6125243 | FDSN | RO | -- | BUD | iLoc | BHZ | BHZ | _ | |
| (Reading ML: 5.1 magdef=1 (Station ML: 5.1 magdef=0) | | | | | | | | | | | | | | | | | | | | |
| VRAC | 3.54 | 4.1 | Pn | 04:45:31.568 | -0.6 | T__ | 78.3 | --- | ML | 3.4 | 6125241 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=0) | | | | | | | | | | | | | | | | | | | | |
| TREC | 3.55 | 352.4 | Pn | 04:45:34.428 | 1.9 | T__ | 211.6 | --- | ML | 3.8 | 6125242 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| BZS | 3.80 | 90.5 | Pn | 04:45:42.569 | 6.9 | --- | | | | | 6125247 | FDSN | RO | -- | BUD | iLoc | BHZ | ??? | _ | |
| SIRR | 3.83 | 80.7 | Pn | 04:45:45.457 | 9.3 | --- | | | | | 6125271 | FDSN | RO | -- | BUD | iLoc | BHN | ??? | _ | |
| KECS | 3.98 | 45.7 | Pg | 04:45:56.049 | 3.0 | T__ | | | | | 6125249 | FDSN | SK | -- | BUD | iLoc | EHZ | ??? | _ | |
| MORC | 4.10 | 12.2 | Pn | 04:45:40.710 | 0.7 | T__ | 114.5 | --- | ML | 3.7 | 6125246 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| ABAH | 4.27 | 52.0 | Pg | 04:45:57.360 | -1.4 | T__ | | | | | 6125250 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| PRU | 4.36 | 345.7 | Pn | 04:45:44.358 | 0.8 | T__ | 183.1 | --- | ML | 4.0 | 6125248 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| DRGR | 4.62 | 75.0 | Pg | 04:46:04.069 | -1.0 | T__ | | | | | 6125252 | FDSN | RO | -- | BUD | iLoc | BHZ | ??? | _ | |
| GZR | 4.63 | 92.4 | Pn | 04:45:57.469 | 9.8 | --- | | | | | 6125251 | FDSN | RO | -- | BUD | iLoc | BHZ | ??? | _ | |
| LOT | 5.32 | 90.9 | Pg | 04:46:12.269 | -2.9 | --- | | | | | 6125253 | FDSN | RO | -- | BUD | iLoc | BHZ | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/19 | 08:52:41.46 | 1.22 | 1.17 | 47.3562 | 18.3971 | 7.1 | 5.3 | 97 | 0.0f | | 9 | 7 | 109 | 0.09 | 1.18 | sx | BUD | 17000190 | BUD | | | 157 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| 1.6 | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 274.3 | Pg | 08:52:44.241 | 0.3 | | | | | T__ | | 996.4 | | --- | ML | 1.6 | 6125805 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 274.3 | Lg | 08:52:45.880 | -0.6 | | | | | T__ | | | | --- | | 6125806 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.10 | 291.4 | Pg | 08:52:44.806 | 0.7 | | | | | T__ | 738.1 | | | --- | ML | 1.4 | 6125808 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.10 | 291.4 | Lg | 08:52:45.946 | -0.8 | | | | | T__ | | | | --- | | 6125809 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.28 | 358.0 | Lg | 08:52:53.331 | 0.4 | | | | | T__ | | | | --- | | 6125807 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| A267A | 0.41 | 171.9 | Lg | 08:52:57.013 | -0.2 | | | | | T__ | | | | --- | | 6125810 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ET1H | 1.13 | 61.8 | Sn | 08:53:18.887 | -1.9 | T__ | --- | 6125811 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MORH | 1.15 | 171.5 | Sn | 08:53:20.330 | -0.7 | T__ | --- | 6125812 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 1.18 | 14.4 | Lg | 08:53:20.842 | -1.6 | T__ | --- | 6125813 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/01/19 | 12:09:50.80 | 1.45 | 0.62 | 47.8764 | 16.0383 | 8.9 | 6.4 | 116 | 0.0f | 10 | 6 | 186 | 0.13 | 1.21 | sx | BUD | 17000192 | BUD | | | | 270 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 5 BUD | 17000192 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.13 | 293.7 | Pg | 12:09:53.177 | -0.5 | | | | | T__ | | 86.2 | | --- | ML | 0.6 | 6125840 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.13 | 293.7 | Lg | 12:09:55.519 | -0.2 | | | | | T__ | | | | --- | | 6125844 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.46 | 294.0 | Pg | 12:10:00.329 | 0.5 | | | | | T__ | | 55.5 | | --- | ML | 1.3 | 6125841 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.46 | 294.0 | Lg | 12:10:06.024 | 0.2 | | | | | T__ | | | | --- | | 6125845 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.56 | 332.4 | Pg | 12:10:01.591 | 0.1 | | | | | T__ | | 55.6 | | --- | ML | 1.6 | 6125846 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.56 | 332.4 | Lg | 12:10:09.526 | 0.4 | | | | | T__ | | | | --- | | 6125847 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.72 | 209.3 | Lg | 12:10:13.996 | 0.3 | | | | | T__ | | | | --- | | 6125848 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A001A | 0.93 | 23.2 | Pg | 12:10:09.340 | 0.1 | | | | | T__ | | 103.7 | | --- | ML | 2.0 | 6125849 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.21 | 11.2 | Pg | 12:10:13.293 | -0.7 | | | | | T__ | | 72.7 | | --- | ML | 2.0 | 6125842 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.21 | 11.2 | Sn | 12:10:30.354 | -1.2 | | | | | T__ | | | | --- | | 6125843 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/01/19 | 13:18:50.17 | 1.18 | 0.79 | 45.6880 | 18.0229 | 7.3 | 5.3 | 117 | 3.1 | 13.9 | 25 | 15 | 162 | 0.27 | 1.80 | ke | BUD | 17000194 | BUD | | | | 225 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.3 | 0.3 | 12 BUD | 17000194 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A273A | 0.27 | 327.7 | Pg | 13:18:55.932 | 0.1 | | | | | T__ | | 1545.1 | | --- | ML | 2.2 | 6126066 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.27 | 327.7 | Lg | 13:19:00.216 | 0.6 | | | | | T__ | | | | --- | | 6126065 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.40 | 7.6 | Pg | 13:18:58.446 | -0.0 | | | | | T__ | | 532.7 | | _d | ML | 2.1 | 6126067 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.40 | 7.6 | Lg | 13:19:03.661 | -0.6 | | | | | T__ | | | | --- | | 6126068 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.68 | 39.2 | Pg | 13:19:03.661 | -0.1 | | | | | T__ | | 267.1 | | _d | ML | 2.3 | 6126069 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.68 | 39.2 | Lg | 13:19:13.030 | -0.7 | | | | | T__ | | | | --- | | 6126070 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 2.3 magdef=1
A265A 0.75 347.9 Pg 13:19:04.875 -0.4 T__ 606.0 --- ML 2.7 6126061 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.75 347.9 Lg 13:19:15.455 -0.0 T__ --- 6126062 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A266A 0.85 11.3 Pg 13:19:07.629 0.5 T__ 832.0 --- ML 2.9 6126071 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.85 11.3 Lg 13:19:19.088 -0.2 T__ --- 6126075 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
HU22A 1.00 50.0 Pn 13:19:10.125 0.6 T__ 549.9 --- ML 2.8 6126072 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
BLY 1.11 212.6 Pg 13:19:11.357 -0.2 T__ 295.7 --- ML 2.6 6126064 FDSN MN -- BUD iLoc HHZ HHZ _
BLY 1.11 212.6 Lg 13:19:26.556 0.8 T__ --- 6126063 FDSN MN -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
BEHE 1.17 312.5 Pn 13:19:11.838 -0.4 T__ 314.4 --- ML 2.6 6126073 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 1.17 312.5 Lg 13:19:28.415 0.1 T__ --- 6126074 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
KOGS 1.45 302.3 Pn 13:19:17.317 1.1 T__ 118.1 --- ML 2.4 6126060 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 1.45 302.3 Lg 13:19:36.539 -0.1 T__ --- 6126059 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
PTJ 1.45 279.4 Sn 13:19:36.443 0.2 T__ --- 6126078 FDSN CR -- BUD iLoc BHE ??? _
MPLH 1.52 347.5 Sn 13:19:38.309 1.0 T__ --- 6126076 FDSN HU -- BUD iLoc HHN ??? _
A262A 1.57 319.1 Lg 13:19:39.986 -0.2 T__ --- 6126077 FDSN Z3 00 BUD iLoc HHN ??? _
MSW2 1.62 4.5 Pg 13:19:20.968 -0.4 T__ 45.6 --- ML 2.1 6126080 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 1.62 4.5 Sn 13:19:41.769 1.7 T__ --- 6126079 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
MSW3 1.70 2.4 Pg 13:19:23.078 0.2 T__ 54.9 --- ML 2.2 6126081 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
CRES 1.80 275.3 Pg 13:19:23.278 -0.4 T__ 41.6 --- ML 2.1 6126057 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 1.80 275.3 Sn 13:19:46.374 2.1 T__ --- 6126058 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/19 13:40:36.29 1.29 0.78 45.6744 20.4818 11.3 6.3 130 6.4 15.6 12 7 123 0.70 1.64 ke BUD 17000196 BUD 194

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.3 4 BUD 17000196

```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
AMBH 0.70 14.0 Pn 13:40:50.758 -0.3 T__ --- 6126132 FDSN HU -- BUD iLoc HHZ ??? _
AMBH 0.70 14.0 Lg 13:41:00.667 -0.2 T__ --- 6126133 FDSN HU -- BUD iLoc HHN ??? _
FRGS 0.70 222.7 Pn 13:40:51.428 0.2 T__ 151.7 --- ML 2.1 6126130 FDSN SJ -- BUD iLoc BHZ BHZ _
FRGS 0.70 222.7 Lg 13:41:01.337 -0.3 T__ --- 6126131 FDSN SJ -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| BZS | 0.80 | 93.7 | Pn | 13:40:53.440 | 0.7 | T__ | 41.2 | ___ | ML | 1.6 | 6126134 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.80 | 93.7 | Sn | 13:41:04.983 | -0.5 | T__ | | --- | | | 6126140 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU21A | 0.84 | 321.7 | Pg | 13:40:53.142 | 0.3 | T__ | 175.0 | ___ | ML | 2.2 | 6126135 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU21A | 0.84 | 321.7 | Sn | 13:41:04.573 | -1.6 | T__ | | --- | | | 6126141 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SIRR | 1.01 | 53.7 | Pg | 13:40:56.569 | 0.0 | T__ | 54.5 | ___ | ML | 1.8 | 6126137 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 1.01 | 53.7 | Sn | 13:41:10.278 | -0.5 | T__ | | --- | | | 6126136 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MORH | 1.39 | 293.5 | Sn | 13:41:20.336 | 0.8 | T__ | | --- | | | 6126138 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| GZR | 1.64 | 99.1 | Sn | 13:41:26.668 | 0.4 | T__ | | --- | | | 6126139 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/20 | 09:40:05.86 | 1.56 | 0.79 | 48.1591 | 21.4345 | 11.4 | 8.5 | 17 | 0.0f | | 10 | 7 | 165 | 0.19 | 1.64 | sx | BUD | 17000200 | BUD | | | 300 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.0 | 5 BUD | 17000200 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.19 | 316.5 | Pg | 09:40:10.508 | 0.4 | | | | | T__ | | 868.5 | | ___ | ML | 1.8 | 6128532 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.19 | 316.5 | Lg | 09:40:13.680 | -0.2 | | | | | T__ | | | | --- | | 6128540 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.61 | 266.9 | Pg | 09:40:18.895 | 0.2 | | | | | T__ | | 44.2 | | ___ | ML | 1.5 | 6128541 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.69 | 299.8 | Pg | 09:40:19.771 | 0.2 | | | | | T__ | | 71.0 | | ___ | ML | 1.7 | 6128536 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.69 | 299.8 | Lg | 09:40:28.916 | -1.1 | | | | | T__ | | | | --- | | 6128537 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.71 | 297.5 | Pg | 09:40:20.497 | 0.4 | | | | | T__ | | 108.1 | | ___ | ML | 1.9 | 6128538 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.71 | 297.5 | Lg | 09:40:29.953 | -0.9 | | | | | T__ | | | | --- | | 6128533 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.74 | 91.8 | Lg | 09:40:31.896 | -1.1 | | | | | T__ | | | | --- | | 6128539 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.06 | 257.5 | Pn | 09:40:27.793 | 0.8 | | | | | T__ | | 52.0 | | ___ | ML | 1.8 | 6128534 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LANS | 1.64 | 308.0 | Lg | 09:41:00.127 | -0.5 | | | | | T__ | | | | --- | | 6128535 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/01/20 | 10:21:35.42 | 1.24 | 1.61 | 48.5067 | 20.7854 | 10.5 | 3.6 | 13 | 0.0f | | 13 | 8 | 143 | 0.16 | 1.30 | sx | BUD | 17000202 | BUD | | | | | 223 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.4 | 5 BUD | 17000202 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JOS | 0.16 | 266.3 | Pg | 10:21:39.476 | 0.6 | T__ | 301.6 | ___ | ML | 1.2 | 6128576 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.16 | 266.3 | Lg | 10:21:41.339 | -0.4 | T__ | | --- | | | 6128577 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 263.4 | Pg | 10:21:40.072 | 0.4 | T__ | 987.3 | ___ | ML | 1.9 | 6128578 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 263.4 | Lg | 10:21:42.456 | -0.5 | T__ | | --- | | | 6128579 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 124.7 | Pg | 10:21:43.500 | 0.4 | T__ | 62.7 | ___ | ML | 1.1 | 6128580 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.37 | 124.7 | Lg | 10:21:49.013 | -0.6 | T__ | | --- | | | 6128581 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.42 | 204.4 | Lg | 10:21:51.062 | -0.3 | T__ | | --- | | | 6128583 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ |
| PSZ | 0.84 | 225.7 | Lg | 10:22:05.590 | -0.2 | T__ | | --- | | | 6128584 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 0.88 | 224.6 | Pn | 10:21:53.818 | -0.0 | T__ | 38.5 | ___ | ML | 1.6 | 6128586 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.88 | 224.6 | Lg | 10:22:06.186 | -0.5 | T__ | | --- | | | 6128585 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 0.97 | 340.8 | Pn | 10:21:53.818 | -1.6 | T__ | 64.4 | ___ | ML | 1.8 | 6128582 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.97 | 340.8 | Sn | 10:22:07.229 | -4.3 | T__ | | --- | | | 6128587 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.30 | 270.2 | Sn | 10:22:17.436 | -1.9 | T__ | | --- | | | 6128588 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/20 | 22:24:14.43 | 2.17 | 1.46 | 45.7724 | 19.1444 | 48.5 | 17.8 | 49 | 10.0f | | 7 | 4 | 151 | 0.56 | 0.79 | ke | BUD | 17000206 | BUD | | | 294 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 3 BUD | 17000206 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU22A | 0.56 | 359.0 | Sn | 22:24:36.361 | -0.0 | | | | | | T__ | | | | | 6129962 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| MORH | 0.56 | 321.9 | Pn | 22:24:26.821 | 0.1 | | | | | | T__ | 30.8 | | ___ | ML | 1.3 | 6129958 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.56 | 321.9 | Sn | 22:24:35.597 | -0.9 | | | | | | T__ | | | --- | | 6129963 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| FRGS | 0.77 | 142.4 | Pn | 22:24:30.546 | 0.7 | | | | | | T__ | 39.2 | | ___ | ML | 1.5 | 6129959 | FDSN | SJ | -- | BUD | iLoc | BHZ | BHZ | _ |
| FRGS | 0.77 | 142.4 | Sn | 22:24:39.486 | -2.6 | | | | | | T__ | | | --- | | 6129960 | FDSN | SJ | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.79 | 293.8 | Pn | 22:24:30.307 | 0.2 | | | | | | T__ | 41.4 | | ___ | ML | 1.6 | 6129964 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.79 | 293.8 | Sn | 22:24:41.773 | -0.4 | | | | | | T__ | | | --- | | 6129961 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/01/21 | 08:29:55.10 | 1.28 | 2.01 | 47.3578 | 18.2948 | 6.5 | 4.0 | 99 | 0.0f | | 11 | 7 | 106 | 0.02 | 1.28 | sx | BUD | 17000208 | BUD | | | | | 150 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.4 | 4 BUD | 17000208 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.02 | 282.7 | Pg | 08:29:56.316 | 0.1 | | | | | T__ | | 1085.9 | | _c_ | ML | 1.4 | 6131037 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.02 | 282.7 | Lg | 08:29:57.694 | 0.0 | | | | | T__ | | | | --- | | 6131038 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.04 | 325.3 | Pg | 08:29:56.935 | 0.3 | | | | | T__ | | 595.7 | | --- | ML | 1.2 | 6131044 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.04 | 325.3 | Lg | 08:29:58.068 | -0.3 | | | | | T__ | | | | --- | | 6131045 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.08 | 225.8 | Pg | 08:29:57.651 | 0.3 | | | | | T__ | | 217.4 | | --- | ML | 0.9 | 6131047 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.08 | 225.8 | Lg | 08:29:59.230 | -0.4 | | | | | T__ | | | | --- | | 6131046 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.17 | 168.0 | Sn | 08:30:32.971 | -2.1 | | | | | T__ | | | | --- | | 6131041 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| VYHS | 1.19 | 17.6 | Sn | 08:30:33.716 | -2.8 | | | | | T__ | | | | --- | | 6131040 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.22 | 62.0 | Sn | 08:30:33.046 | -4.1 | | | | | T__ | | | | --- | | 6131039 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.28 | 186.1 | Pn | 08:30:19.188 | 0.2 | | | | | T__ | | 49.9 | | --- | ML | 1.9 | 6131043 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.28 | 186.1 | Sn | 08:30:36.026 | -1.7 | | | | | T__ | | | | --- | | 6131042 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/21 | 10:09:05.18 | 1.15 | 0.50 | 48.5618 | 20.8157 | 6.6 | 3.9 | 11 | 0.0f | | 12 | 7 | 154 | 0.20 | 0.93 | sx | BUD | 17000210 | BUD | | | 242 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.2 | 5 BUD | 17000210 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.20 | 250.3 | Pg | 10:09:09.476 | 0.2 | | | | | T__ | | 254.4 | | --- | ML | 1.2 | 6131081 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.20 | 250.3 | Lg | 10:09:12.605 | 0.1 | | | | | T__ | | | | --- | | 6131082 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 250.4 | Pg | 10:09:10.221 | 0.2 | | | | | T__ | | 745.3 | | --- | ML | 1.8 | 6131084 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 250.4 | Lg | 10:09:13.872 | 0.1 | | | | | T__ | | | | --- | | 6131083 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.39 | 133.1 | Pg | 10:09:13.611 | 0.4 | | | | | T__ | | 107.2 | | --- | ML | 1.4 | 6131085 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.39 | 133.1 | Lg | 10:09:19.199 | -0.8 | | | | | T__ | | | | --- | | 6131086 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.48 | 203.9 | Pg | 10:09:15.474 | 0.1 | | | | | T__ | | 34.1 | | --- | ML | 1.2 | 6131088 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.48 | 203.9 | Lg | 10:09:22.403 | -0.7 | | | | | T__ | | | | --- | | 6131087 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.89 | 224.1 | Lg | 10:09:37.136 | -0.2 | | | | | T__ | | | | --- | | 6131089 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| NIE | 0.92 | 338.6 | Lg | 10:09:34.975 | -0.7 | | | | | T__ | | | | --- | | 6131091 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |
| ET1H | 0.93 | 223.1 | Pg | 10:09:24.954 | 0.3 | | | | | T__ | | 41.8 | | --- | ML | 1.6 | 6131092 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.93 | 223.1 | Lg | 10:09:37.881 | -0.4 | | | | | T__ | | | | --- | | 6131090 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/21 | 13:19:23.94 | 0.95 | 1.26 | 47.1268 | 19.3558 | 9.3 | 4.3 | 99 | 0.0f | | 9 | 7 | 140 | 0.33 | 1.35 | sx | BUD | 17000212 | BUD | | | 183 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.3 | 0.0 | 6 BUD | 17000212 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU04A | 0.33 | 165.1 | Pg | 13:19:31.997 | 0.8 | | | | | T__ | | 256.0 | | ___ | ML | 1.6 | 6133248 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.75 | 342.5 | Pg | 13:19:40.844 | 1.2 | | | | | T__ | | 258.0 | | ___ | ML | 2.3 | 6133249 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.83 | 24.7 | Pg | 13:19:41.049 | -0.5 | | | | | T__ | | 211.1 | | ___ | ML | 2.3 | 6133250 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.87 | 24.5 | Pn | 13:19:42.297 | -0.2 | | | | | T__ | | 207.0 | | ___ | ML | 2.3 | 6133251 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.87 | 24.5 | Lg | 13:19:54.906 | -1.0 | | | | | T__ | | | | ___ | | 6133252 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.96 | 231.6 | Lg | 13:19:55.800 | -1.3 | | | | | T__ | | | | ___ | | 6133253 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.04 | 208.5 | Pn | 13:19:44.569 | 0.2 | | | | | T__ | | 146.9 | | ___ | ML | 2.2 | 6133254 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.04 | 208.5 | Lg | 13:19:57.961 | -1.8 | | | | | T__ | | | | ___ | | 6133255 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.35 | 220.3 | Pn | 13:19:49.915 | 1.1 | | | | | T__ | | 164.9 | | ___ | ML | 2.5 | 6133256 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/21 | 20:44:12.34 | 0.94 | 0.66 | 45.8281 | 21.5309 | 8.2 | 3.8 | 92 | 2.0f | | 13 | 9 | 62 | 0.22 | 1.74 | ke | BUD | 17000214 | BUD | | | 96 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.3 | 6 BUD | 17000214 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BZS | 0.22 | 164.1 | Pg | 20:44:16.743 | -0.1 | | | | | T__ | | 194.9 | | ___ | ML | 1.2 | 6134458 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.22 | 164.1 | Lg | 20:44:19.965 | -0.2 | | | | | T__ | | | | ___ | | 6134465 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.45 | 11.5 | Pg | 20:44:21.511 | -0.0 | | | | | T__ | | 129.5 | | ___ | ML | 1.7 | 6134466 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.45 | 11.5 | Lg | 20:44:28.179 | -0.3 | | | | | T__ | | | | ___ | | 6134459 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BANR | 0.52 | 212.1 | Lg | 20:44:29.911 | -0.2 | | | | | T__ | | | | ___ | | 6134467 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.98 | 116.0 | Pg | 20:44:31.495 | 0.5 | | | | | T__ | | 74.6 | | ___ | ML | 1.9 | 6134461 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.98 | 116.0 | Lg | 20:44:44.346 | -0.3 | | | | | T__ | | | | ___ | | 6134460 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU06A | 1.11 | 323.3 | Pn | 20:44:34.531 | 1.0 | | | | | T__ | | 257.5 | | ___ | ML | 2.5 | 6134468 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

```

(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
DRGR 1.26 39.9 Pn 20:44:36.263 0.1 T__ 76.8 ___ ML 2.1 6134462 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.26 39.9 Lg 20:44:53.380 -1.0 T__ ___ 6134469 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
FRGS 1.38 241.6 Sn 20:44:56.863 -0.3 T__ ___ 6134463 FDSN SJ -- BUD iLoc BHE ??? _
LOT 1.62 102.8 Sn 20:45:04.034 0.5 T__ ___ 6134470 FDSN RO -- BUD iLoc HHE ??? _
HU22A 1.74 287.5 Pn 20:44:43.452 1.2 T__ 130.8 ___ ML 2.6 6134464 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/22 08:52:12.24 0.96 0.74 46.3141 21.9791 6.5 5.1 128 5.0f 13 8 89 0.23 1.56 ke BUD 17000216 BUD 134

```

```

Magnitude Err Nsta Author OrigID
ML 2.1 0.1 6 BUD 17000216

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
SIRR 0.23 258.2 Pg 08:52:16.998 -0.1 T__ 238.4 ___ ML 1.3 6134848 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.23 258.2 Lg 08:52:20.649 -0.3 T__ ___ 6134849 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
DRGR 0.70 46.3 Pg 08:52:26.013 -0.1 T__ 138.4 ___ ML 2.0 6134850 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.70 46.3 Lg 08:52:35.847 -0.7 T__ ___ 6134851 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BZS 0.74 200.1 Pg 08:52:26.534 -0.2 T__ 49.8 ___ ML 1.6 6134853 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.74 200.1 Lg 08:52:37.337 0.2 T__ ___ 6134852 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU24A 0.82 316.8 Lg 08:52:41.882 1.3 T__ ___ 6134854 FDSN ZJ 00 BUD iLoc HHE ??? _
GZR 1.08 148.5 Pg 08:52:32.718 -0.0 T__ 106.4 ___ ML 2.1 6134856 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.08 148.5 Lg 08:52:47.991 0.2 T__ ___ 6134855 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CJR 1.19 69.8 Lg 08:52:51.567 -0.2 T__ ___ 6134857 FDSN RO -- BUD iLoc HHN ??? _
LOT 1.52 124.1 Pn 08:52:40.839 1.1 T__ 68.6 ___ ML 2.2 6134859 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.52 124.1 Sn 08:53:01.849 1.3 T__ ___ 6134858 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU21A 1.56 271.5 Pg 08:52:42.701 -0.3 T__ 855.4 ___ ML 3.3 6134860 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/22 09:16:05.38 1.09 0.61 48.4191 20.7290 31.9 4.1 23 0.0f 7 4 168 0.15 1.26 sx BUD 17000218 BUD 332

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.4 4 BUD 17000218

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.15 | 301.4 | Pg | 09:16:08.668 | 0.1 | | | | | T__ | | 92.2 | | ___ | ML | 0.7 | 6134890 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.15 | 301.4 | Lg | 09:16:10.935 | -0.2 | | | | | T__ | | | | --- | | 6134893 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.17 | 291.7 | Pg | 09:16:09.190 | 0.1 | | | | | T__ | | 318.2 | | ___ | ML | 1.3 | 6134891 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.17 | 291.7 | Lg | 09:16:11.978 | -0.1 | | | | | T__ | | | | --- | | 6134894 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.36 | 109.7 | Pg | 09:16:12.952 | 0.0 | | | | | T__ | | 126.7 | | ___ | ML | 1.4 | 6134892 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.26 | 274.1 | Pn | 09:16:29.635 | 0.3 | | | | | T__ | | 38.7 | | ___ | ML | 1.8 | 6134896 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.26 | 274.1 | Sn | 09:16:47.199 | -1.2 | | | | | T__ | | | | --- | | 6134895 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/22 | 10:11:49.36 | 1.37 | 0.72 | 46.1269 | 18.0308 | 13.0 | 5.4 | 143 | 0.0f | | 8 | 5 | 126 | 0.06 | 1.10 | sx | BUD | 17000220 | BUD | | | 219 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.5 | 3 BUD | 17000220 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.06 | 128.7 | Pg | 10:11:51.601 | 0.3 | | | | | T__ | | 1300.5 | | _c_ | ML | 1.6 | 6134942 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.06 | 128.7 | Lg | 10:11:52.936 | -0.2 | | | | | T__ | | | | --- | | 6134946 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.26 | 215.5 | Pn | 10:11:59.397 | -1.0 | | | | | T__ | | 828.4 | | ___ | ML | 1.9 | 6134949 | FDSN | Z3 | 00 | BUD | iLoc | HHN | HHZ | _ |
| A273A | 0.26 | 215.5 | Lg | 10:12:00.046 | 1.0 | | | | | T__ | | | | --- | | 6134948 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.43 | 78.1 | Pg | 10:11:58.971 | 0.5 | | | | | T__ | | 56.2 | | ___ | ML | 1.3 | 6134943 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.43 | 78.1 | Lg | 10:12:05.620 | 0.1 | | | | | T__ | | | | --- | | 6134947 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 0.79 | 74.9 | Lg | 10:12:18.226 | -0.2 | | | | | T__ | | | | --- | | 6134945 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.10 | 342.2 | Sn | 10:12:27.685 | 0.4 | | | | | T__ | | | | --- | | 6134944 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/01/22 | 11:21:43.52 | 0.88 | 0.94 | 47.5428 | 18.4692 | 4.6 | 2.8 | 119 | 0.0f | | 18 | 13 | 79 | 0.11 | 1.33 | kx | BUD | 17000222 | BUD | | | 117 |
| 2021/01/22 | 11:21:43.52 | 0.86 | 0.89 | 47.5600 | 18.4573f | | | | 0.0f | | 18 | 13 | 80 | 0.09 | 1.35 | kx | BUD_GT | 17000223 | BUD_GT | | | 112 |

(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.5 | 0.1 | 6 BUD_GT | 17000223 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|

| | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|---------------------------|------|-----|--------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 11:21:46.800 | 0.8 | T__ | 1955.1 | ___ | ML | 1.9 | 6135034 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 11:21:48.365 | 0.1 | T__ | | --- | | | 6135033 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | |
| MSW1 | 0.21 | 218.9 | Pg | 11:21:48.664 | 0.3 | T__ | 261.8 | ___ | ML | 1.3 | 6135044 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.3 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=0 | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 11:21:49.110 | 0.3 | T__ | 493.3 | ___ | ML | 1.7 | 6135035 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 11:21:52.201 | -1.2 | T__ | | --- | | | 6135036 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.7 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | |
| MSW3 | 0.29 | 231.9 | Pg | 11:21:50.461 | 0.8 | T__ | 251.0 | ___ | ML | 1.5 | 6135045 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.29 | 231.9 | Lg | 11:21:53.914 | -1.0 | T__ | | --- | | | 6135046 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | (Reading ML: 1.5 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | |
| MSW2 | 0.31 | 213.1 | Pg | 11:21:50.651 | 0.5 | T__ | 172.1 | ___ | ML | 1.4 | 6135047 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.31 | 213.1 | Lg | 11:21:54.293 | -1.5 | T__ | | --- | | | 6135048 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | (Reading ML: 1.4 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | |
| BUD | 0.39 | 101.0 | Lg | 11:21:57.935 | -0.8 | T__ | | --- | | | 6135049 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 0.97 | 15.1 | Pn | 11:22:04.346 | 0.9 | T__ | 24.7 | --- | ML | 1.4 | 6135038 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.97 | 15.1 | Lg | 11:22:16.788 | -0.6 | T__ | | --- | | | 6135037 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.4 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | |
| ET1H | 1.01 | 71.0 | Lg | 11:22:18.948 | -0.6 | T__ | | --- | | | 6135039 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| PSZ | 1.03 | 69.2 | Lg | 11:22:20.361 | -0.5 | T__ | | --- | | | 6135043 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| A261A | 1.08 | 236.2 | Lg | 11:22:19.976 | 0.0 | T__ | | --- | | | 6135050 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| MODS | 1.14 | 316.2 | Sn | 11:22:22.003 | -1.6 | T__ | | --- | | | 6135040 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| HU23A | 1.22 | 85.6 | Sn | 11:22:23.567 | -1.1 | T__ | | --- | | | 6135041 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| MORH | 1.35 | 174.5 | Sn | 11:22:27.144 | -0.9 | T__ | | --- | | | 6135042 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/22 | 12:51:07.45 | 1.76 | 1.17 | 46.1452 | 21.5395 | 17.2 | 5.6 | 99 | 0.0f | | 6 | 4 | 220 | 0.15 | 1.15 | sx | BUD | 17000224 | BUD | | | 263 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.4 | 4 BUD | 17000224 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|---------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| SIRR | 0.15 | 34.3 | Pg | 12:51:11.296 | 0.3 | | | | | T__ | | 132.3 | | ___ | ML | 0.8 | 6135081 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 0.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.53 | 174.1 | Pg | 12:51:17.815 | -0.1 | | | | | T__ | | 40.7 | | ___ | ML | 1.4 | 6135082 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 1.04 | 51.0 | Pg | 12:51:27.575 | -0.5 | | | | | T__ | | 67.7 | | ___ | ML | 1.9 | 6135083 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 1.04 | 51.0 | Lg | 12:51:41.507 | -1.8 | | | | | T__ | | | | --- | | | 6135084 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.15 | 130.5 | Pg | 12:51:29.661 | 0.4 | | | | | T__ | | 62.6 | | ___ | ML | 1.9 | 6135086 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.15 | 130.5 | Lg | 12:51:45.754 | 0.5 | | | | | T__ | | | | --- | | | 6135085 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/23 | 22:33:00.82 | 1.51 | 0.31 | 45.7167 | 18.0457 | 9.2 | 7.2 | 168 | 4.0f | | 8 | 6 | 172 | 0.26 | 1.14 | ke | BUD | 17000228 | BUD | | | 270 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.7 | 3 BUD | 17000228 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A273A | 0.26 | 321.3 | Lg | 22:33:10.340 | 0.5 | | | | | T__ | | | | | | 6135825 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 0.37 | 5.8 | Pg | 22:33:08.574 | 0.0 | | | | | T__ | | 63.6 | | | ML | 1.1 | 6135819 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.37 | 5.8 | Lg | 22:33:13.826 | -0.1 | | | | | T__ | | | | | | 6135820 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.65 | 39.7 | Pg | 22:33:13.901 | 0.1 | | | | | T__ | | 55.6 | | | ML | 1.6 | 6135822 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.65 | 39.7 | Lg | 22:33:23.080 | -0.2 | | | | | T__ | | | | | | 6135826 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.69 | 310.3 | Lg | 22:33:23.400 | -0.3 | | | | | T__ | | | | | | 6135821 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| A265A | 0.73 | 346.3 | Pg | 22:33:15.242 | -0.2 | | | | | T__ | | 236.6 | | | ML | 2.3 | 6135823 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| BLY | 1.14 | 212.5 | Lg | 22:33:37.183 | -0.1 | | | | | T__ | | | | | | 6135824 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/25 | 08:54:10.84 | 1.00 | 0.93 | 48.0210 | 20.6856 | 5.0 | 4.0 | 148 | 0.0f | | 13 | 8 | 93 | 0.15 | 0.57 | sx | BUD | 17000242 | BUD | | | 164 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 5 BUD | 17000242 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.15 | 313.3 | Pg | 08:54:14.670 | 0.2 | | | | | T__ | | 977.4 | | | ML | 1.7 | 6140195 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.15 | 313.3 | Lg | 08:54:16.774 | -0.8 | | | | | T__ | | | | | | 6140188 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.46 | 53.2 | Pg | 08:54:21.059 | 0.7 | | | | | T__ | | 74.0 | | | ML | 1.5 | 6140196 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.46 | 53.2 | Lg | 08:54:27.503 | -0.9 | | | | | T__ | | | | | | 6140189 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.48 | 344.0 | Pg | 08:54:21.320 | 0.7 | | | | | T__ | | 143.7 | | | ML | 1.8 | 6140197 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.48 | 344.0 | Lg | 08:54:27.726 | -0.4 | | | | | T__ | | | | | | 6140190 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.48 | 217.7 | Lg | 08:54:28.174 | -0.8 | | | | | T__ | | | | | | 6140199 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.49 | 348.4 | Pg | 08:54:20.984 | 0.3 | | | | | T__ | | 48.8 | | | ML | 1.3 | 6140198 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.49 | 348.4 | Lg | 08:54:27.354 | -0.8 | | | | | T__ | | | | | | 6140191 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.54 | 259.4 | Pg | 08:54:23.554 | 1.0 | | | | | T__ | | 65.6 | | | ML | 1.6 | 6140193 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.54 | 259.4 | Lg | 08:54:30.557 | -0.6 | | | | | T__ | | | | | | 6140192 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.6 magdef=1
HU05A 0.56 146.9 Lg 08:54:30.483 -1.8 T__ --- 6140200 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 0.57 255.8 Lg 08:54:31.302 -0.3 T__ --- 6140194 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/25 10:01:08.03 1.28 0.66 47.2410 18.3020 8.0 5.1 103 0.0f 13 10 89 0.09 1.30 kx BUD 17000244 BUD 127
2021/01/25 10:01:08.07 0.93 0.51 47.2302 18.2835f 0.0f 13 10 88 0.09 1.32 kx BUD_GT 17000245 BUD_GT 138
(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.2 3 BUD_GT 17000245

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.09 325.6 Pg 10:01:10.676 0.2 T__ 444.7 --- ML 1.2 6140260 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 325.6 Lg 10:01:12.099 -0.8 T__ --- 6140261 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.13 353.3 Pg 10:01:11.508 0.1 T__ 241.1 --- ML 1.1 6140251 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.13 353.3 Lg 10:01:13.855 -0.7 T__ --- 6140250 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MSW3 0.19 325.1 Lg 10:01:15.777 -0.4 T__ --- 6140262 FDSN HU -- BUD iLoc HHE ??? _
MPLH 0.51 263.5 Pg 10:01:19.442 0.7 T__ 82.7 --- ML 1.6 6140252 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.51 263.5 Lg 10:01:26.818 0.1 T__ --- 6140253 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 1.05 166.2 Lg 10:01:43.581 -0.5 T__ --- 6140254 FDSN HU -- BUD iLoc HHE ??? _
HU22A 1.07 146.9 Sn 10:01:44.923 -0.8 T__ --- 6140255 FDSN ZJ 00 BUD iLoc HHE ??? _
KOVH 1.15 186.4 Sn 10:01:47.158 -0.4 T__ --- 6140256 FDSN HU -- BUD iLoc HHE ??? _
ET1H 1.26 58.3 Sn 10:01:50.734 0.2 T__ --- 6140257 FDSN HU -- BUD iLoc HHE ??? _
PSZ 1.29 57.1 Sn 10:01:52.075 0.3 T__ --- 6140258 FDSN GE -- BUD iLoc HHE ??? _
VYHS 1.32 16.2 Sn 10:01:52.820 0.3 T__ --- 6140259 FDSN SK -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/25 12:10:00.17 1.98 0.95 47.8370 20.1426 18.4 3.7 166 0.0f 12 7 222 0.19 1.09 kx BUD 17000248 BUD 238
2021/01/25 12:10:00.22 0.90 0.61 47.8650 20.1529f 0.0f 12 7 215 0.18 1.08 kx BUD_GT 17000249 BUD_GT 230
(locality : Kiszána Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 5 BUD_GT 17000249

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.18 287.2 Pg 12:10:05.041 0.3 T__ 460.3 --- ML 1.5 6140491 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.18 287.2 Lg 12:10:08.356 0.0 T__ --- 6140492 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.19 274.4 Pg 12:10:04.892 0.2 T__ 350.0 --- ML 1.4 6140490 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.19 274.4 Lg 12:10:07.872 -0.3 T__ --- 6140489 FDSN HU -- BUD iLoc HHN ??? _

```



```

(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.36 44.0 Pg 12:10:08.468 0.4 T__ 82.1 ___ ML 1.2 6140495 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 12:10:13.832 -0.4 T__ ___ 6140494 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU03A 0.37 276.2 Lg 12:10:13.236 -1.1 T__ ___ 6140493 FDSN ZJ 00 BUD iLoc HHE ??? _
JOS 0.68 22.1 Pg 12:10:13.758 -0.1 T__ ___ ML 1.4 6140496 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Sn 12:10:27.019 -1.5 T__ ___ 6140497 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ABAH 0.85 59.0 Pn 12:10:18.302 0.2 T__ 58.0 ___ ML 1.7 6140499 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.85 59.0 Lg 12:10:30.819 -0.0 T__ ___ 6140498 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
VYHS 1.08 306.0 Lg 12:10:37.971 0.1 T__ ___ 6140500 FDSN SK -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/25 13:41:19.55 0.98 1.02 46.0231 21.7609 9.2 3.8 81 0.0f 8 5 150 0.25 1.37 sx BUD 17000250 BUD 212

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.4 3 BUD 17000250

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SIRR 0.25 344.0 Pg 13:41:25.451 0.3 T__ 89.6 ___ ML 1.0 6140528 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.25 344.0 Lg 13:41:29.509 -0.2 T__ ___ 6140535 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
BZS 0.42 194.0 Pg 13:41:28.133 0.2 T__ 61.3 ___ ML 1.3 6140529 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.42 194.0 Lg 13:41:33.646 -0.5 T__ ___ 6140530 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
GZR 0.95 131.1 Pg 13:41:38.451 0.8 T__ 43.7 ___ ML 1.7 6140532 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.95 131.1 Lg 13:41:50.074 -0.9 T__ ___ 6140531 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 1.01 40.2 Lg 13:41:52.905 -1.5 T__ ___ 6140533 FDSN RO -- BUD iLoc HHZ ??? _
LTVH 1.37 4.0 Sn 13:42:03.261 -1.0 T__ ___ 6140534 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/26 08:00:53.32 1.23 1.39 47.2942 18.3024 15.7 5.1 73 0.0f 9 7 119 0.07 1.25 kx BUD 17000254 BUD 151
2021/01/26 08:00:53.66 0.99 1.19 47.3167 18.3081f 0.0f 9 7 111 0.06 1.24 kx BUD_GT 17000255 BUD_GT 151

```

```

(locality : Magyaralmás Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.06 325.1 Pg 08:00:56.212 0.7 T__ 656.4 ___ ML 1.3 6141029 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 325.1 Lg 08:00:56.686 -0.7 T__ ___ 6141030 FDSN HU -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MSW1 0.08 336.4 Pg 08:00:56.674 0.7 T__ 433.5 ___ ML 1.2 6141028 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 336.4 Lg 08:00:57.594 -0.7 T__ ___ 6141027 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MSW3 0.14 298.3 Lg 08:00:59.538 -0.6 T__ ___ 6141031 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.13 168.1 Lg 08:01:30.419 -1.9 T__ ___ 6141032 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.23 16.6 Sn 08:01:34.191 -1.8 T__ ___ 6141035 FDSN SK -- BUD iLoc HHZ ??? _
PSZ 1.23 60.1 Sn 08:01:34.615 -1.4 T__ ___ 6141033 FDSN GE -- BUD iLoc HHN ??? _
KOVH 1.24 186.7 Sn 08:01:35.511 0.2 T__ ___ 6141034 FDSN HU -- BUD iLoc HHZ ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/26 09:02:39.12 0.88 0.72 48.9529 18.3076 4.9 3.7 17 0.0f 13 9 100 0.43 1.55 sx BUD 17000256 BUD 171

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.3 5 BUD 17000256

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JAVC 0.43 257.6 Pg 09:02:47.798 -0.4 T__ 132.9 ___ ML 1.6 6141065 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.43 257.6 Lg 09:02:55.024 -0.2 T__ ___ 6141066 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.58 142.5 Pg 09:02:51.225 0.4 T__ 26.7 ___ ML 1.2 6141067 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.58 142.5 Lg 09:02:59.271 -0.0 T__ ___ 6141068 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
LANS 0.79 75.0 Lg 09:03:03.816 -1.6 T__ ___ 6141069 FDSN SK -- BUD iLoc EHE ??? _
MODS 0.90 230.1 Lg 09:03:11.117 0.3 T__ ___ 6141072 FDSN SK -- BUD iLoc HHE ??? _
MORC 0.96 329.1 Pg 09:02:57.930 0.9 T__ 59.9 ___ ML 1.8 6141071 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 0.96 329.1 Lg 09:03:09.925 -0.6 T__ ___ 6141070 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 1.39 69.6 Pg 09:03:05.306 0.1 T__ 72.8 ___ ML 2.1 6141073 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
PSZ 1.48 133.8 Sn 09:03:28.625 0.5 T__ ___ 6141074 FDSN GE -- BUD iLoc HHE ??? _
KECS 1.52 107.2 Sn 09:03:28.551 -0.1 T__ ___ 6141075 FDSN SK -- BUD iLoc EHE ??? _
JOS 1.55 106.4 Pn 09:03:07.913 0.8 T__ 42.5 ___ ML 2.0 6141077 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.55 106.4 Sn 09:03:28.774 -0.6 T__ ___ 6141076 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/26 10:02:19.11 1.74 0.91 48.5464 20.8642 13.9 4.0 13 0.0f 9 6 237 0.22 0.94 sx BUD 17000258 BUD 311

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.4 3 BUD 17000258

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L

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| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JOS | 0.22 | 256.9 | Pg | 10:02:24.210 | 0.5 | T__ | 246.8 | ___ | ML | 1.3 | 6141106 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.22 | 256.9 | Lg | 10:02:26.668 | -0.7 | T__ | | --- | | | 6141107 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.26 | 256.0 | Pg | 10:02:24.817 | 0.3 | T__ | 628.1 | ___ | ML | 1.8 | 6141110 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.26 | 256.0 | Lg | 10:02:27.973 | -0.7 | T__ | | --- | | | 6141113 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.35 | 134.9 | Pg | 10:02:26.810 | 0.3 | T__ | 58.7 | ___ | ML | 1.1 | 6141111 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.35 | 134.9 | Lg | 10:02:31.709 | -1.0 | T__ | | --- | | | 6141112 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.48 | 208.2 | Lg | 10:02:38.105 | 1.0 | T__ | | --- | | | 6141114 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| PSZ | 0.90 | 226.3 | Lg | 10:02:51.031 | -0.6 | T__ | | --- | | | 6141108 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 0.94 | 225.2 | Lg | 10:02:51.478 | -1.1 | T__ | | --- | | | 6141109 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/26 | 10:59:01.77 | 1.32 | 1.19 | 47.8429 | 19.8432 | 10.6 | 4.0 | 174 | 0.0f | 18 | 12 | 182 | | 0.04 | 1.77 | sx | BUD | 17000260 | BUD | | | 226 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.1 | 7 BUD | 17000260 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ET1H | 0.04 | 27.6 | Pg | 10:59:02.677 | -0.5 | | | | | T__ | | 3397.4 | | ___ | ML | 1.9 | 6141152 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.04 | 27.6 | Lg | 10:59:04.092 | -0.5 | | | | | T__ | | | | --- | | 6141153 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.08 | 24.5 | Pg | 10:59:03.943 | -0.3 | | | | | T__ | | 3063.9 | | ___ | ML | 2.0 | 6141155 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.08 | 24.5 | Lg | 10:59:06.029 | -0.5 | | | | | T__ | | | | --- | | 6141154 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.17 | 290.5 | Pg | 10:59:06.253 | 0.4 | | | | | T__ | | 614.0 | | ___ | ML | 1.6 | 6141156 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.54 | 58.4 | Pg | 10:59:13.629 | 0.5 | | | | | T__ | | 82.3 | | ___ | ML | 1.7 | 6141158 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.54 | 58.4 | Lg | 10:59:21.600 | -0.3 | | | | | T__ | | | | --- | | 6141157 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.77 | 33.6 | Pg | 10:59:18.993 | 1.7 | | | | | T__ | | 101.3 | | ___ | ML | 1.9 | 6141160 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.77 | 33.6 | Lg | 10:59:28.604 | -0.3 | | | | | T__ | | | | --- | | 6141159 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.80 | 35.2 | Pg | 10:59:18.918 | 1.1 | | | | | T__ | | 79.7 | | ___ | ML | 1.8 | 6141161 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.80 | 35.2 | Lg | 10:59:30.019 | 0.0 | | | | | T__ | | | | --- | | 6141162 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.92 | 108.0 | Lg | 10:59:34.490 | -0.6 | | | | | T__ | | | | --- | | 6141164 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 0.94 | 314.4 | Lg | 10:59:32.925 | -1.6 | | | | | T__ | | | | --- | | 6141163 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| ABAH | 1.04 | 63.6 | Pn | 10:59:23.389 | 1.0 | | | | | T__ | | 65.9 | | ___ | ML | 1.9 | 6141166 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 1.04 | 63.6 | Sn | 10:59:37.619 | -1.1 | | | | | T__ | | | | --- | | 6141165 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| LANS | 1.33 | 349.3 | Sn | 10:59:45.556 | -1.0 | T__ | --- | 6141167 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ |
| NIE | 1.61 | 10.7 | Sn | 10:59:54.645 | 1.4 | T__ | --- | 6141168 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ |
| JAVC | 1.77 | 305.9 | Sn | 11:00:00.755 | 2.7 | T__ | --- | 6141169 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/01/26 | 12:10:48.50 | 1.41 | 1.17 | 47.3367 | 17.5829 | 10.3 | 3.8 | 130 | 0.0f | 13 | 10 | 107 | 0.17 | 1.34 | sx | BUD | 17000262 | BUD | | | | 207 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.0 | 3 BUD | 17000262 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MPLH | 0.17 | 190.1 | Pg | 12:10:52.799 | 0.3 | | | | | T__ | | 557.2 | | --- | ML | 1.5 | 6142450 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.17 | 190.1 | Lg | 12:10:55.854 | -0.0 | | | | | T__ | | | | --- | | 6142451 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.25 | 67.6 | Lg | 12:10:58.143 | -0.6 | | | | | T__ | | | | --- | | 6142452 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| MSW3 | 0.37 | 82.6 | Pg | 12:10:57.270 | 0.9 | | | | | T__ | | 288.8 | | --- | ML | 1.8 | 6142460 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.37 | 82.6 | Lg | 12:11:02.255 | -0.7 | | | | | T__ | | | | --- | | 6142459 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.43 | 94.4 | Pg | 12:10:58.647 | 1.2 | | | | | T__ | | 113.8 | | --- | ML | 1.5 | 6142462 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.43 | 94.4 | Lg | 12:11:03.774 | -1.2 | | | | | T__ | | | | --- | | 6142461 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.46 | 86.5 | Lg | 12:11:05.046 | -1.1 | | | | | T__ | | | | --- | | 6142453 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| A338A | 0.86 | 37.2 | Lg | 12:11:18.524 | -1.4 | | | | | T__ | | | | --- | | 6142454 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| HU10A | 1.10 | 61.8 | Sn | 12:11:26.950 | -0.1 | | | | | T__ | | | | --- | | 6142455 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.30 | 163.9 | Lg | 12:11:32.237 | -0.5 | | | | | T__ | | | | --- | | 6142456 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| CONA | 1.31 | 297.6 | Sn | 12:11:33.905 | 1.9 | | | | | T__ | | | | --- | | 6142458 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.34 | 146.6 | Lg | 12:11:33.155 | -1.4 | | | | | T__ | | | | --- | | 6142457 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|----|
| 2021/01/26 | 12:15:43.02 | 0.85 | 1.30 | 47.2824 | 17.6684 | 5.6 | 2.8 | 158 | 0.0f | 22 | 15 | 60 | 0.14 | 1.44 | sx | BUD | 17000264 | BUD | | | | | 91 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 7 BUD | 17000264 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MPLH | 0.14 | 218.1 | Pg | 12:15:46.694 | 0.1 | | | | | T__ | | 478.0 | | --- | ML | 1.4 | 6142529 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.14 | 218.1 | Lg | 12:15:48.743 | -0.8 | | | | | T__ | | | | --- | | 6142530 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.23 | 49.3 | Pg | 12:15:48.672 | 0.5 | | | | | T__ | | 460.0 | | --- | ML | 1.6 | 6142539 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.23 | 49.3 | Lg | 12:15:51.428 | -1.1 | | | | | T__ | | | | --- | | 6142540 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.27 | 300.6 | Lg | 12:15:52.099 | -1.5 | | | | | T__ | | | | --- | | 6142541 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MSW3 | 0.33 | 71.9 | Pg | 12:15:50.621 | 0.6 | | | | | T__ | | 164.1 | | --- | ML | 1.4 | 6142542 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.33 | 71.9 | Lg | 12:15:55.460 | -0.5 | | | | | T__ | | | | --- | | 6142543 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.4 magdef=1
MSW2 0.37 86.7 Pg 12:15:51.709 0.9 T__ 148.0 --- ML 1.5 6142549 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.37 86.7 Lg 12:15:56.692 -0.8 T__ --- 6142550 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CSKK 0.41 78.5 Lg 12:15:58.383 -0.6 T__ --- 6142544 FDSN HU -- BUD iLoc HHN ??? _
MSW1 0.42 74.4 Pg 12:15:52.298 0.5 T__ 214.7 --- ML 1.8 6142546 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.42 74.4 Lg 12:15:57.951 -1.2 T__ --- 6142545 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 1.07 57.9 Sn 12:16:19.215 -1.8 T__ --- 6142532 FDSN ZJ 00 BUD iLoc HHE ??? _
MODS 1.12 346.6 Sn 12:16:19.662 -2.8 T__ --- 6142531 FDSN SK -- BUD iLoc HHE ??? _
A264A 1.15 193.2 Sn 12:16:22.865 0.6 T__ --- 6142534 FDSN Z3 00 BUD iLoc HHE ??? _
AO11B 1.17 276.8 Pg 12:16:06.911 1.0 T__ 54.3 --- ML 1.9 6142547 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO11B 1.17 276.8 Lg 12:16:21.822 1.3 T__ --- 6142533 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
KOVH 1.23 165.9 Sn 12:16:26.963 2.7 T__ --- 6142535 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.26 147.5 Sn 12:16:25.473 0.4 T__ --- 6142536 FDSN HU -- BUD iLoc HHE ??? _
CONA 1.38 298.5 Lg 12:16:27.608 -0.4 T__ --- 6142548 FDSN OE -- BUD iLoc HHN ??? _
VYHS 1.44 32.5 Pn 12:16:09.827 0.2 T__ 17.1 --- ML 1.5 6142538 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.44 32.5 Sn 12:16:29.347 -1.2 T__ --- 6142537 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/26 12:48:55.86 0.94 0.87 48.3823 20.6332 4.5 3.3 64 0.0f 10 5 130 0.13 0.68 sx BUD 17000266 BUD 224

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.0 5 BUD 17000266

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.13 331.2 Pg 12:48:58.763 0.1 T__ 311.5 _c_ ML 1.2 6142641 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.13 331.2 Lg 12:49:00.737 -0.3 T__ --- 6142640 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.14 315.8 Pg 12:48:59.284 0.3 T__ 303.5 --- ML 1.2 6142642 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.14 315.8 Lg 12:49:01.519 0.1 T__ --- 6142643 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.27 195.6 Pg 12:49:02.302 0.4 T__ 37.9 --- ML 0.6 6142644 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.27 195.6 Lg 12:49:05.952 -0.7 T__ --- 6142645 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
ABAH 0.41 101.8 Pg 12:49:05.021 0.6 T__ 57.7 --- ML 1.2 6142647 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.41 101.8 Lg 12:49:10.087 -1.5 T__ --- 6142646 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.68 227.1 Pg 12:49:11.056 0.7 T__ 54.6 --- ML 1.6 6142648 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.68 227.1 Lg 12:49:19.698 -1.1 T__ --- 6142649 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/01/27 | 09:49:13.20 | 1.01 | 0.53 | 46.1583 | 18.2989 | 10.3 | 3.7 | 156 | 0.0f | | 5 | 3 | 166 | 0.16 | 0.37 | kx | BUD | 17000276 | BUD | | | 279 |
| 2021/01/27 | 09:49:13.21 | 1.01 | 0.46 | 46.1765 | 18.2926f | | | | 0.0f | | 5 | 3 | 155 | 0.16 | 0.35 | kx | BUD_GT | 17000277 | BUD_GT | | | 275 |

(locality : Komló Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 09:49:17.178 | 0.1 | | | | | T__ | | 669.1 | | ___ | ML | 1.6 | 6144765 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 09:49:19.562 | -0.6 | | | | | T__ | | | | --- | | 6144766 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 09:49:18.923 | 0.2 | | | | | T__ | | 194.2 | | ___ | ML | 1.3 | 6144769 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 09:49:22.617 | -0.5 | | | | | T__ | | | | --- | | 6144767 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Lg | 09:49:27.013 | 0.4 | | | | | T__ | | | | --- | | 6144768 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/27 | 10:09:28.61 | 1.08 | 0.69 | 48.5386 | 20.7594 | 5.7 | 4.2 | 22 | 0.0f | | 11 | 7 | 145 | 0.15 | 1.28 | sx | BUD | 17000278 | BUD | | | 219 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 7 BUD | 17000278 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.15 | 253.8 | Pg | 10:09:32.178 | 0.3 | | | | | T__ | | 382.6 | | ___ | ML | 1.3 | 6144798 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.15 | 253.8 | Lg | 10:09:35.158 | 0.7 | | | | | T__ | | | | --- | | 6144799 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.19 | 253.2 | Pg | 10:09:32.737 | 0.1 | | | | | T__ | | 937.9 | | ___ | ML | 1.8 | 6144801 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.19 | 253.2 | Lg | 10:09:35.568 | -0.2 | | | | | T__ | | | | --- | | 6144800 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.40 | 127.0 | Pg | 10:09:37.015 | 0.1 | | | | | T__ | | 67.5 | | ___ | ML | 1.2 | 6144804 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.45 | 200.7 | Pg | 10:09:38.064 | -0.0 | | | | | T__ | | 47.7 | | ___ | ML | 1.2 | 6144802 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.45 | 200.7 | Lg | 10:09:44.614 | -0.7 | | | | | T__ | | | | --- | | 6144805 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.93 | 341.2 | Pg | 10:09:46.483 | 0.3 | | | | | T__ | | 87.0 | | ___ | ML | 2.0 | 6144803 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LANS | 1.05 | 306.2 | Pg | 10:09:48.451 | -0.9 | | | | | T__ | | 39.8 | | ___ | ML | 1.7 | 6144806 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.28 | 268.7 | Pn | 10:09:53.406 | 0.5 | | | | | T__ | | 22.7 | | ___ | ML | 1.6 | 6144807 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.28 | 268.7 | Sn | 10:10:10.877 | -1.2 | | | | | T__ | | | | --- | | 6144808 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

(Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/27 | 11:19:37.35 | 0.98 | 0.80 | 46.9713 | 22.2885 | 6.5 | 5.0 | 5 | 0.0f | | 17 | 11 | 54 | 0.34 | 1.66 | sx | BUD | 17000280 | BUD | | | 102 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | 0.2 | 11 BUD | 17000280 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.34 | 121.6 | Pg | 11:19:44.158 | -0.3 | | | | | T__ | | 270.7 | | --- | ML | 1.7 | 6144857 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.34 | 121.6 | Lg | 11:19:49.523 | -0.6 | | | | | T__ | | | | --- | | 6144858 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU24A | 0.78 | 265.9 | Pg | 11:19:53.620 | -0.2 | | | | | T__ | | 281.7 | | --- | ML | 2.4 | 6144859 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.83 | 211.8 | Pg | 11:19:54.663 | 0.6 | | | | | T__ | | 51.1 | | --- | ML | 1.7 | 6144860 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.83 | 211.8 | Lg | 11:20:05.839 | -0.8 | | | | | T__ | | | | --- | | 6144861 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 0.94 | 105.5 | Pg | 11:19:57.122 | 1.4 | | | | | T__ | | 218.4 | | --- | ML | 2.4 | 6144862 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 1.04 | 346.0 | Pg | 11:19:58.538 | 0.4 | | | | | T__ | | 211.7 | | --- | ML | 2.4 | 6144863 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BMR | 1.08 | 49.0 | Pg | 11:19:58.612 | 0.1 | | | | | T__ | | 160.5 | | --- | ML | 2.3 | 6144864 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BMR | 1.08 | 49.0 | Lg | 11:20:13.364 | -1.5 | | | | | T__ | | | | --- | | 6144865 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 1.17 | 8.2 | Pn | 11:19:59.283 | -0.6 | | | | | T__ | | 80.1 | | --- | ML | 2.1 | 6144866 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARCR | 1.42 | 84.6 | Pn | 11:20:04.349 | 0.6 | | | | | T__ | | 150.7 | | --- | ML | 2.5 | 6144869 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARCR | 1.42 | 84.6 | Sn | 11:20:24.316 | 0.3 | | | | | T__ | | | | --- | | 6144870 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.43 | 199.2 | Pn | 11:20:03.827 | 0.2 | | | | | T__ | | 63.8 | | --- | ML | 2.1 | 6144867 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.43 | 199.2 | Sn | 11:20:23.198 | -0.7 | | | | | T__ | | | | --- | | 6144868 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.61 | 167.7 | Pn | 11:20:07.403 | 0.8 | | | | | T__ | | 61.4 | | --- | ML | 2.2 | 6144872 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.61 | 167.7 | Sn | 11:20:29.605 | 0.8 | | | | | T__ | | | | --- | | 6144873 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.66 | 314.6 | Pn | 11:20:06.211 | -0.5 | | | | | T__ | | 46.3 | | --- | ML | 2.1 | 6144871 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
|----------------------------|-------------|-------|--------|--------------|-----------|------|-------|------|-------|-----|------|---------|-----|-------|-----------|---------|---------|----------|-----|-------|------|------|-----|-----|---|
| 2021/01/28 | 08:16:43.59 | 0.66 | 1.09 | 48.6714 | 18.7113 | 3.6 | 3.2 | 135 | 10.0f | | 110 | 68 | 58 | 0.20 | 2.82 | ke | BUD | 17000288 | BUD | | | 79 | | | |
| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
| ML | 3.9 | 0.1 | 63 BUD | 17000288 | | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| VYHS | 0.20 | 154.9 | Pg | 08:16:47.966 | -0.1 | | | | | T__ | | 12037.1 | | ___ | ML | 2.9 | 6145647 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.20 | 154.9 | Lg | 08:16:50.351 | -1.1 | | | | | T__ | | | | --- | | 6145673 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A331A | 0.58 | 326.2 | Pg | 08:16:55.268 | 0.2 | | | | | T__ | | 6807.1 | | ___ | ML | 3.7 | 6145648 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LANS | 0.69 | 45.9 | Pg | 08:16:56.609 | -0.8 | | | | | T__ | | 6279.7 | | ___ | ML | 3.7 | 6145651 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| LANS | 0.69 | 45.9 | Lg | 08:17:06.071 | -0.5 | | | | | T__ | | | | --- | | 6145674 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A338A | 0.70 | 200.2 | Pg | 08:16:57.503 | -0.2 | | | | | T__ | | 10136.5 | | ___ | ML | 3.9 | 6145649 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.71 | 285.7 | Pg | 08:16:57.428 | -0.7 | | | | | T__ | | 8257.0 | | ___ | ML | 3.8 | 6145650 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A337A | 0.75 | 235.5 | Pg | 08:16:58.248 | -0.4 | | | | | T__ | | 14429.4 | | ___ | ML | 4.1 | 6145652 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A337A | 0.75 | 235.5 | Lg | 08:17:09.274 | -0.6 | | | | | T__ | | | | --- | | 6145675 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.85 | 165.9 | Pn | 08:17:00.110 | -0.5 | | | | | T__ | | 9786.2 | | ___ | ML | 4.0 | 6145653 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.85 | 165.9 | Lg | 08:17:12.329 | -1.6 | | | | | T__ | | | | --- | | 6145676 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 4.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.97 | 142.0 | Pn | 08:17:02.793 | 0.6 | | | | | T__ | | 7371.5 | | ___ | ML | 3.9 | 6145654 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.97 | 142.0 | Sn | 08:17:17.842 | 0.7 | | | | | T__ | | | | --- | | 6145677 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.00 | 253.2 | Pn | 08:17:02.271 | -0.7 | | | | | T__ | | | | --- | | 6145655 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 1.00 | 253.2 | Lg | 08:17:16.278 | -2.0 | | | | | T__ | | | | --- | | 6145678 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| HU09A | 1.06 | 192.2 | Pn | 08:17:03.985 | 0.5 | | | | | T__ | | 5810.2 | | ___ | ML | 3.9 | 6145656 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 1.06 | 192.2 | Sn | 08:17:19.034 | -0.3 | | | | | T__ | | | | --- | | 6145679 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.09 | 133.2 | Pn | 08:17:04.730 | 0.6 | | | | | T__ | | 4111.7 | | ___ | ML | 3.7 | 6145658 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.09 | 133.2 | Sn | 08:17:20.375 | -0.3 | | | | | T__ | | | | --- | | 6145681 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A339A | 1.10 | 220.3 | Pn | 08:17:04.655 | 0.5 | | | | | T__ | | 12399.5 | | ___ | ML | 4.2 | 6145657 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A339A | 1.10 | 220.3 | Sn | 08:17:20.003 | -0.3 | | | | | T__ | | | | --- | | 6145680 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 4.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.11 | 135.2 | Pn | 08:17:04.506 | 0.3 | | | | | T__ | | 2288.2 | | ___ | ML | 3.5 | 6145659 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.11 | 135.2 | Sn | 08:17:20.152 | -0.5 | | | | | T__ | | | | --- | | 6145682 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | |
|--|------------|--------|---------------|------------------------|--------------------|------------------|------|--------------------|---|
| (Station ML: 3.8 magdef=1 A271A 1.52 176.8 Pg 08:17:12.403 -1.3 (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=1 | T__ | 3946.2 | ___ ML | 3.9 6145672 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| ATANC 1.53 133.4 Pn 08:17:11.239 1.4 ATANC 1.53 133.4 Sn 08:17:32.808 2.5 (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=0 | T__ T__ | 6610.1 | ___ ML --- | 4.2 6145694 6145722 | FDSN HU FDSN HU | -- BUD -- BUD | iLoc | HHZ HHZ HHE ??? | _ |
| VRAC 1.53 295.4 Pn 08:17:10.764 0.4 VRAC 1.53 295.4 Sn 08:17:31.029 -0.8 (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=0 | T__ T__ | 553.6 | ___ ML --- | 3.1 6145671 6145693 | FDSN CZ FDSN CZ | -- BUD -- BUD | iLoc | HHZ HHZ HHE ??? | _ |
| EGYH 1.56 216.9 Pn 08:17:11.446 0.9 EGYH 1.56 216.9 Sn 08:17:32.381 0.8 (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=0 | T__ T__ | 6838.8 | ___ ML --- | 4.2 6145697 6145696 | FDSN HU FDSN HU | -- BUD -- BUD | iLoc | HHZ HHZ HHE ??? | _ |
| KRUC 1.58 285.2 Pn 08:17:11.083 0.1 KRUC 1.58 285.2 Sn 08:17:31.757 -1.0 (Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=0 | T__ T__ | 945.9 | ___ ML --- | 3.4 6145723 6145695 | FDSN CZ FDSN CZ | -- BUD -- BUD | iLoc | HHZ HHZ HHE ??? | _ |
| A005B 1.69 260.7 Pn 08:17:13.599 1.1 (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=1 | T__ | 2434.7 | ___ ML | 3.8 6145698 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| MPLH 1.70 208.1 Pn 08:17:13.088 0.7 (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=1 | T__ | 2831.5 | ___ ML | 3.9 6145702 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| A004A 1.70 246.2 Pn 08:17:13.099 0.5 (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=0 | T__ | 6700.7 | ___ ML | 4.3 6145699 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| OJC 1.70 24.2 Pn 08:17:13.803 0.8 OJC 1.70 24.2 Sn 08:17:36.303 -0.2 (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=0 | T__ T__ | 1396.9 | ___ ML --- | 3.6 6145700 6145701 | FDSN PL FDSN PL | -- BUD -- BUD | iLoc | BHZ BHZ BHE ??? | _ |
| ABAH 1.72 101.6 Pn 08:17:14.137 1.5 (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=1 | T__ | 2096.2 | ___ ML | 3.8 6145703 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| BSZH 1.73 142.1 Pg 08:17:17.163 -1.5 (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=1 | T__ | 2975.1 | ___ ML | 3.9 6145725 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| A267A 1.73 185.2 Pg 08:17:17.194 -0.1 A267A 1.73 185.2 Sn 08:17:37.459 1.6 (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=1 | T__ T__ | 3104.5 | ___ ML --- | 4.0 6145727 6145726 | FDSN Z3 FDSN Z3 | 00 BUD 00 BUD | iLoc | HHZ HHZ HHE ??? | _ |
| SOP 1.75 236.3 Pn 08:17:13.267 0.0 SOP 1.75 236.3 Lg 08:17:40.870 -0.4 (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1 | T__ T__ | 3885.1 | ___ ML --- | 4.1 6145704 6145724 | FDSN HU FDSN HU | -- BUD -- BUD | iLoc | HHZ HHZ HHN ??? | _ |
| A006A 1.78 273.2 Pn 08:17:13.456 -0.5 A006A 1.78 273.2 Sn 08:17:36.850 -0.7 (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=1 | T__ T__ | 2515.7 | ___ ML --- | 3.9 6145728 6145729 | FDSN Z3 FDSN Z3 | 00 BUD 00 BUD | iLoc | HHZ HHZ HHE ??? | _ |
| TIH 1.86 197.6 Pn 08:17:16.041 1.6 TIH 1.86 197.6 Pg 08:17:19.356 -0.2 | T__ T__ | 8981.0 | ___ ML --- | 4.5 6145705 6145730 | FDSN HU FDSN HU | -- BUD -- BUD | iLoc | HHZ HHZ HHZ ??? | _ |

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|---|
| (Reading ML: 4.5 magdef=1 (Station ML: 4.5 magdef=0 HU04A 1.93 164.2 Pn 08:17:16.966 1.6 T__ 1260.4 ___ ML 3.7 6145755 FDSN ZJ 00 BUD iLoc HHZ HHZ _ HU04A 1.93 164.2 Sn 08:17:40.919 0.7 T__ ___ 6145756 FDSN ZJ 00 BUD iLoc HHE ??? _ (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1 A260A 1.94 224.9 Pn 08:17:16.496 0.8 T__ 2665.4 ___ ML 4.0 6145731 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=1 A272A 1.94 174.8 Pg 08:17:21.404 -0.2 T__ 2496.1 ___ ML 4.0 6145732 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=1 HU05A 1.97 123.7 Pn 08:17:17.719 1.7 T__ 1374.3 ___ ML 3.7 6145733 FDSN ZJ 00 BUD iLoc HHZ HHZ _ (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1 A261A 2.02 212.1 Pn 08:17:17.807 1.1 T__ 4654.0 ___ ML 4.3 6145734 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=0 CONA 2.04 249.7 Pn 08:17:17.728 0.1 T__ 1627.4 ___ ML 3.8 6145706 FDSN OE -- BUD iLoc HHZ HHZ _ (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=1 AO08A 2.06 262.7 Pn 08:17:18.083 0.4 T__ 1040.1 ___ ML 3.7 6145736 FDSN Z3 00 BUD iLoc HHZ HHZ _ AO08A 2.06 262.7 Sn 08:17:44.308 0.5 T__ ___ 6145735 FDSN Z3 00 BUD iLoc HH3 ??? _ (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1 TREC 2.21 287.6 Pn 08:17:20.877 0.8 T__ 758.2 ___ ML 3.6 6145707 FDSN CZ -- BUD iLoc HHZ HHZ _ TREC 2.21 287.6 Sn 08:17:49.151 0.6 T__ ___ 6145737 FDSN CZ -- BUD iLoc HHE ??? _ (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=0 AO11B 2.24 236.7 Pn 08:17:20.545 0.4 T__ 1134.9 ___ ML 3.8 6145708 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=1 A263A 2.24 205.4 Pn 08:17:20.123 0.3 T__ 2959.8 ___ ML 4.2 6145738 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=0 HU07A 2.25 106.7 Pn 08:17:21.734 1.8 T__ 1721.9 ___ ML 4.0 6145740 FDSN ZJ 00 BUD iLoc HHZ HHZ _ HU07A 2.25 106.7 Sn 08:17:49.449 1.3 T__ ___ 6145739 FDSN ZJ 00 BUD iLoc HHE ??? _ (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=1 AO13A 2.29 255.8 Pn 08:17:21.982 1.1 T__ 1609.2 ___ ML 4.0 6145709 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=1 HU06A 2.33 146.7 Sn 08:17:52.237 2.9 T__ ___ 6145745 FDSN ZJ 00 BUD iLoc HHE ??? _ A265A 2.33 195.8 Pg 08:17:28.577 0.0 T__ 1990.2 ___ ML 4.1 6145743 FDSN Z3 00 BUD iLoc HHZ HHZ _ A265A 2.33 195.8 Sn 08:17:52.418 2.0 T__ ___ 6145744 FDSN Z3 00 BUD iLoc HHE ??? _ (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=0 A262A 2.33 220.0 Pn 08:17:22.961 1.8 T__ 2708.8 ___ ML 4.2 6145741 FDSN Z3 00 BUD iLoc HHZ HHZ _ A262A 2.33 220.0 Lg 08:18:01.852 2.1 T__ ___ 6145742 FDSN Z3 00 BUD iLoc HHE ??? _ (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=0 HU22A 2.36 172.9 Pg 08:17:29.285 -0.2 T__ 1299.8 ___ ML 3.9 6145747 FDSN ZJ 00 BUD iLoc HHZ HHZ _ (Reading ML: 3.9 magdef=1 |
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(Station ML: 3.9 magdef=1
KOLS 2.37 82.3 Pn 08:17:23.273 1.2 T__ --- 6145710 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 2.37 82.3 Pg 08:17:29.308 0.9 T__ --- 6145746 FDSN SK -- BUD iLoc HHZ ??? _
HU24A 2.41 136.0 Pn 08:17:24.574 2.4 T__ 863.1 --- ML 3.8 6145711 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.8 magdef=1
(Station ML: 3.8 magdef=1
HU21A 2.44 163.2 Pn 08:17:24.185 1.9 T__ 945.0 --- ML 3.8 6145748 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU21A 2.44 163.2 Sn 08:17:54.135 1.7 T__ --- 6145749 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 3.8 magdef=1
(Station ML: 3.8 magdef=1
MORH 2.46 181.1 Pn 08:17:23.395 0.8 T__ 467.9 --- ML 3.5 6145712 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 3.5 magdef=1
(Station ML: 3.5 magdef=0
BEHE 2.56 211.5 Pn 08:17:25.867 1.5 T__ 1809.8 --- ML 4.2 6145713 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 4.2 magdef=1
(Station ML: 4.2 magdef=0
A018A 2.60 250.5 Pn 08:17:26.193 0.7 T__ 914.2 --- ML 3.9 6145714 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.9 magdef=1
(Station ML: 3.9 magdef=1
TRPA 2.61 100.6 Pn 08:17:26.126 1.0 T__ 1019.1 --- ML 4.0 6145715 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 4.0 magdef=1
(Station ML: 4.0 magdef=1
KOVH 2.62 189.4 Pn 08:17:25.895 0.9 T__ 460.7 --- ML 3.6 6145750 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 3.6 magdef=1
(Station ML: 3.6 magdef=0
A264A 2.69 201.5 Pn 08:17:27.692 1.6 T__ 1292.4 --- ML 4.1 6145752 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 2.69 201.5 Sn 08:18:00.324 1.3 T__ --- 6145751 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 4.1 magdef=1
(Station ML: 4.1 magdef=0
AMBH 2.69 148.8 Sn 08:18:00.936 2.7 T__ --- 6145753 FDSN HU -- BUD iLoc HHE ??? _
A273A 2.82 192.8 Sn 08:18:02.829 0.5 T__ --- 6145754 FDSN Z3 00 BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/28 09:41:00.47 1.34 0.85 48.2337 21.2711 8.3 4.9 129 0.0f 14 9 153 0.07 1.35 kx BUD 17000290 BUD 206
2021/01/28 09:41:00.82 0.91 0.88 48.2470 21.2460f 0.0f 14 9 151 0.05 1.33 kx BUD_GT 17000291 BUD_GT 204

```

```

(locality : Tallya Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.3 5 BUD_GT 17000291

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.05 355.1 Pg 09:41:02.571 0.2 T__ 4005.7 --- ML 2.0 6145908 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 09:41:03.763 -0.2 T__ --- 6145909 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
HU02A 0.50 255.8 Pg 09:41:12.033 0.6 T__ 71.2 --- ML 1.5 6145911 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 09:41:18.440 -1.0 T__ --- 6145910 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.53 298.1 Pg 09:41:12.480 0.9 T__ 51.1 --- ML 1.5 6145913 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 09:41:19.781 0.1 T__ --- 6145912 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
KECS 0.56 295.3 Lg 09:41:20.451 -0.2 T__ --- 6145914 FDSN SK -- BUD iLoc EHN ??? _
TRPA 0.87 97.2 Pn 09:41:18.589 -0.6 T__ 88.2 --- ML 1.9 6145916 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.87 97.2 Lg 09:41:30.584 -1.7 T__ --- 6145915 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.96 250.6 Lg 09:41:34.384 -1.2 T__ --- 6145918 FDSN GE -- BUD iLoc HHE ??? _
KOLS 0.97 44.4 Lg 09:41:34.458 -0.6 T__ --- 6145917 FDSN SK -- BUD iLoc HHN ??? _
ET1H 0.99 248.7 Pg 09:41:21.793 0.2 T__ 50.3 --- ML 1.8 6145920 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.99 248.7 Lg 09:41:34.607 -1.5 T__ --- 6145919 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 1.33 332.3 Sn 09:41:46.006 0.3 T__ --- 6145921 FDSN PL -- BUD iLoc BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/28 09:50:29.98 3.19 2.17 48.5549 21.4431 27.3 19.2 130 0.0f 6 4 302 0.29 0.75 kx BUD 17000292 BUD 330
2021/01/28 09:50:33.30 2.15 0.90 48.2470 21.2460f 0.0f 2 2 357 0.53 0.56 kx BUD_GT 17000293 BUD_GT 360
(locality : Tálya Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.05 355.1 Pg 09:50:41.166 6.3 --- 1418.4 --- ML 1.6 6145946 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 09:50:41.874 5.4 --- 6145947 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.50 255.8 Pn 09:50:50.052 2.4 --- 39.1 --- ML 1.3 6145949 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 09:50:56.385 4.4 --- 6145948 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
JDS 0.53 298.1 Sn 09:50:57.199 -0.6 T__ --- 6145951 FDSN ZJ -- BUD iLoc HHN ??? _
KECS 0.56 295.3 Sn 09:50:59.133 0.6 T__ --- 6145950 FDSN SK -- BUD iLoc EHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/28 10:07:30.25 0.95 0.84 47.1314 17.8748 5.3 3.7 155 0.0f 17 13 102 0.23 1.58 sx BUD 17000294 BUD 108

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 4 BUD 17000294

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
TIH 0.23 176.9 Lg 10:07:39.247 -0.3 T__ --- 6146018 FDSN HU -- BUD iLoc HHN ??? _
MPLH 0.23 279.7 Pg 10:07:35.774 0.2 T__ 234.6 --- ML 1.3 6146005 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.23 279.7 Lg 10:07:39.649 -0.1 T__ --- 6146006 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MSW2 0.29 53.1 Pg 10:07:37.092 0.6 T__ 178.6 --- ML 1.3 6146020 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.29 53.1 Lg 10:07:41.526 -0.4 T__ --- 6146019 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1

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(Station ML: 1.3 magdef=1
HU08A 0.30 6.3 Pg 10:07:37.041 0.2 T__ 252.2 --- ML 1.5 6146008 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.30 6.3 Lg 10:07:41.809 -0.5 T__ --- 6146007 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW3 0.30 34.1 Lg 10:07:41.957 -0.5 T__ --- 6146021 FDSN HU -- BUD iLoc HHN ??? _
CSKK 0.35 48.4 Pg 10:07:38.680 0.9 T__ 147.1 --- ML 1.4 6146010 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.35 48.4 Lg 10:07:43.672 -0.5 T__ --- 6146009 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A271A 0.66 87.6 Lg 10:07:53.208 -1.5 T__ --- 6146011 FDSN Z3 00 BUD iLoc HHE ??? _
KOVH 1.05 171.5 Sn 10:08:06.097 -1.1 T__ --- 6146012 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.06 149.7 Sn 10:08:06.097 -1.2 T__ --- 6146013 FDSN HU -- BUD iLoc HHE ??? _
MODS 1.31 342.2 Sn 10:08:13.324 -0.9 T__ --- 6146014 FDSN SK -- BUD iLoc HHE ??? _
A011B 1.33 282.7 Sn 10:08:13.697 -0.1 T__ --- 6146015 FDSN Z3 00 BUD iLoc HH3 ??? _
VYHS 1.51 25.1 Sn 10:08:20.327 1.0 T__ --- 6146016 FDSN SK -- BUD iLoc HHE ??? _
PSZ 1.58 59.3 Sn 10:08:21.892 0.9 T__ --- 6146017 FDSN GE -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/28 11:36:18.31 0.87 0.88 46.8377 17.3597 4.5 3.6 99 0.0f 17 11 59 0.18 1.49 sx BUD 17000296 BUD 104

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 7 BUD 17000296

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A261A 0.18 308.4 Pg 11:36:21.842 -0.8 T__ 1810.9 --- ML 2.1 6146092 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.18 308.4 Lg 11:36:24.524 -1.5 T__ --- 6146093 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
A263A 0.20 188.9 Pg 11:36:22.832 -0.1 T__ 825.2 _c_ ML 1.8 6146106 FDSN Z3 00 BUD iLoc HHZ HHZ _
A263A 0.20 188.9 Lg 11:36:26.110 -0.3 T__ --- 6146105 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MPLH 0.35 20.2 Pg 11:36:26.312 0.3 T__ 140.6 --- ML 1.4 6146095 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.35 20.2 Lg 11:36:31.825 -0.1 T__ --- 6146094 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
TIH 0.37 80.1 Pg 11:36:25.790 -0.4 T__ 501.1 --- ML 2.0 6146096 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BEHE 0.55 227.8 Lg 11:36:37.695 0.3 T__ --- 6146107 FDSN HU -- BUD iLoc HHN ??? _
EGYH 0.58 358.1 Lg 11:36:38.977 -0.4 T__ --- 6146097 FDSN HU -- BUD iLoc HHE ??? _
KOGS 0.86 243.4 Lg 11:36:47.396 0.9 T__ --- 6146098 FDSN SL -- BUD iLoc BHE ??? _
KOVH 0.91 145.4 Pg 11:36:36.966 0.3 T__ 66.6 --- ML 1.8 6146100 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.91 145.4 Lg 11:36:49.780 0.6 T__ --- 6146099 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MORH 1.08 124.6 Pn 11:36:40.467 1.0 T__ 42.2 --- ML 1.7 6146101 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.08 124.6 Sn 11:36:56.039 0.3 T__ --- 6146102 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A011B 1.11 301.3 Pg 11:36:40.914 0.7 T__ 67.8 --- ML 2.0 6146104 FDSN Z3 00 BUD iLoc HHZ HHZ _

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```

A011B  1.11 301.3 Lg      11:36:56.113  2.0          T__          ---          6146103  FDSN Z3      00 BUD  iLoc HH3 ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1
CONA   1.49 317.5 Sn      11:37:06.789  0.7          T__          ---          6146108  FDSN OE      -- BUD  iLoc HHE ??? _

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/01/28 12:35:29.59  1.23  0.85  48.5291  21.7184  21.8  4.5 141  0.0f      11   6 191  0.40  1.40  sx BUD      17000298  BUD                326

```

```

Magnitude  Err Nsta Author      OrigID
ML         1.8 0.2   6 BUD      17000298

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
ABAH  0.40 234.0 Pg      12:35:38.096  0.4          T__          115.5  --- ML  1.5 6146147  FDSN HU  -- BUD  iLoc HHZ HHZ _
ABAH  0.40 234.0 Lg      12:35:44.321 -0.3          T__          ---          6146156  FDSN HU  -- BUD  iLoc HHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=0
KOLS  0.55 42.0 Pg      12:35:40.629  0.4          T__          ---          6146148  FDSN SK  -- BUD  iLoc HHZ ??? _
KOLS  0.55 42.0 Lg      12:35:47.930 -1.3          T__          ---          6146149  FDSN SK  -- BUD  iLoc HHE ??? _
TRPA  0.68 125.8 Pn      12:35:41.076 -5.4          ---          54.2  --- ML  1.6 6146150  FDSN HU  -- BUD  iLoc HHZ HHZ _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
JOS   0.78 268.0 Pn      12:35:46.183 -0.5          T__          59.2  --- ML  1.7 6146157  FDSN ZJ  -- BUD  iLoc HHZ HHZ _
JOS   0.78 268.0 Lg      12:35:57.433  0.5          T__          ---          6146158  FDSN ZJ  -- BUD  iLoc HHE ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
KECS  0.82 267.3 Pn      12:35:46.887 -0.3          T__          106.3 --- ML  2.0 6146152  FDSN SK  -- BUD  iLoc EHZ EHZ _
KECS  0.82 267.3 Lg      12:35:58.137 -0.1          T__          ---          6146151  FDSN SK  -- BUD  iLoc EHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1
HU02A 0.89 243.4 Pn      12:35:47.185 -1.1          T__          65.9  --- ML  1.8 6146153  FDSN ZJ  00 BUD  iLoc HHZ HHZ _
HU02A 0.89 243.4 Lg      12:36:00.521 -1.3          T__          ---          6146154  FDSN ZJ  00 BUD  iLoc HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
ET1H  1.40 242.9 Pn      12:35:54.933 -0.3          T__          66.6  --- ML  2.1 6146155  FDSN HU  -- BUD  iLoc HHZ HHZ _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=0

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/01/29 08:38:38.61  0.90  0.83  47.0910  18.0516  4.3  3.3 104  0.0f      15  10 88  0.22  1.00  sx BUD      17000300  BUD                136

```

```

Magnitude  Err Nsta Author      OrigID
ML         1.2 0.1   5 BUD      17000300

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
TIH  0.22 209.7 Lg      08:38:46.640 -0.9          T__          ---          6147000  FDSN HU  -- BUD  iLoc HHZ ??? _
MSW2 0.24 27.1 Pg      08:38:44.940  1.0          T__          104.9 --- ML  1.0 6147005  FDSN HU  -- BUD  iLoc HHZ HHZ _
MSW2 0.24 27.1 Lg      08:38:48.020 -0.6          T__          ---          6147004  FDSN HU  -- BUD  iLoc HHE ??? _
(Reading ML:  1.0 magdef=1
(Station ML:  1.0 magdef=0
MSW3 0.30 9.8 Pg      08:38:45.846  0.8          T__          97.9  --- ML  1.1 6147006  FDSN HU  -- BUD  iLoc HHZ HHZ _

```

```

MSW3  0.30  9.8 Lg      08:38:49.878  -0.7      T__          ---          6147007  FDSN  HU      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=1
CSKK  0.31  27.5 Pg     08:38:45.522   0.2      T__          111.1      --- ML      1.2 6147001  FDSN  HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.31  27.5 Lg     08:38:49.852  -1.2      T__          ---          6146995  FDSN  HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=1
A267A 0.33 116.0 Lg      08:38:51.372  -0.1      T__          ---          6147008  FDSN  Z3      00 BUD  iLoc  HHE ??? _
MSW1  0.33  25.0 Lg      08:38:50.919  -1.0      T__          ---          6147009  FDSN  HU      -- BUD  iLoc  HHE ??? _
HU08A 0.35 345.7 Lg      08:38:51.483  -0.9      T__          ---          6147003  FDSN  ZJ      00 BUD  iLoc  HHN ??? _
MPLH  0.36 283.0 Pg     08:38:46.938   0.6      T__          107.8      --- ML      1.3 6147002  FDSN  HU      -- BUD  iLoc  HHZ HHZ _
MPLH  0.36 283.0 Lg     08:38:51.864  -0.4      T__          ---          6146996  FDSN  HU      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=1
MORH  0.97 154.8 Pg     08:38:58.197   0.3      T__          45.2       --- ML      1.7 6146998  FDSN  HU      -- BUD  iLoc  HHZ HHZ _
MORH  0.97 154.8 Lg     08:39:11.607  -0.5      T__          ---          6146997  FDSN  HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=0
KOVH  1.00 178.1 Lg     08:39:12.874  -0.8      T__          ---          6146999  FDSN  HU      -- BUD  iLoc  HHE ??? _

```

```

Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/01/29 08:44:10.18  1.87  0.80  47.3943  18.4282  13.5  4.7 126  0.0f  11  9 109  0.11  1.19  sx BUD  17000302  BUD  175

```

Magnitude Err Nsta Author OrigID

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
MSW1  0.11 269.3 Pg     08:44:13.729  0.6      T__          439.1      --- ML      1.3 6147079  FDSN  HU      -- BUD  iLoc  HHZ HHZ _
MSW1  0.11 269.3 Lg     08:44:15.590  -0.3      T__          ---          6147080  FDSN  HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=1
CSKK  0.12 254.7 Pg     08:44:13.670  0.5      T__          927.0      --- ML      1.6 6147071  FDSN  HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.12 254.7 Lg     08:44:15.346  -0.7      T__          ---          6147072  FDSN  HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
MSW2  0.17 238.1 Lg     08:44:17.171  -0.7      T__          ---          6147081  FDSN  HU      -- BUD  iLoc  HHN ??? _
HU09A 0.25 352.8 Lg     08:44:20.114  -0.2      T__          ---          6147073  FDSN  ZJ      00 BUD  iLoc  HHN ??? _
HU08A 0.34 276.3 Lg     08:44:22.907  -0.7      T__          ---          6147078  FDSN  ZJ      00 BUD  iLoc  HHE ??? _
ET1H  1.09 63.0 Sn      08:44:47.531  -1.1      T__          ---          6147074  FDSN  HU      -- BUD  iLoc  HHE ??? _
PSZ   1.12 61.6 Sn      08:44:48.872  -1.0      T__          ---          6147075  FDSN  GE      -- BUD  iLoc  HHN ??? _
VYHS  1.13 13.8 Lg      08:44:48.872  -0.8      T__          ---          6147076  FDSN  SK      -- BUD  iLoc  HHE ??? _
MORH  1.19 172.8 Sn      08:44:50.512  -0.1      T__          ---          6147077  FDSN  HU      -- BUD  iLoc  HHE ??? _

```

```

Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/01/29 09:46:54.74  1.49  0.27  46.1103  18.0567  13.8  4.7 153  0.0f  5  3 214  0.04  0.42  kx BUD  17000304  BUD  309
2021/01/29 09:46:54.36  1.03  0.49  46.1204  18.0243f  0.0f  5  3 221  0.06  0.44  kx BUD_GT 17000305  BUD_GT 316

```

(locality : Bükkösd Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 3 BUD_GT 17000305

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.06 | 121.4 | Pg | 09:46:56.359 | 0.1 | | | | | T__ | | 1358.3 | | ___ | ML | 1.6 | 6147102 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.06 | 121.4 | Lg | 09:46:57.476 | -0.7 | | | | | T__ | | | | --- | | 6147103 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.25 | 215.5 | Pg | 09:47:00.456 | 0.6 | | | | | T__ | | 545.3 | | ___ | ML | 1.7 | 6147104 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.44 | 77.4 | Pg | 09:47:03.697 | 0.1 | | | | | T__ | | 62.1 | | ___ | ML | 1.3 | 6147105 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.44 | 77.4 | Lg | 09:47:10.254 | -0.5 | | | | | T__ | | | | --- | | 6147106 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/29 | 10:04:03.38 | 3.86 | 0.76 | 47.9584 | 20.4070 | 24.4 | 13.1 | 41 | 0.0f | | 6 | 3 | 310 | 0.18 | 0.65 | sx | BUD | 17000306 | BUD | | | 343 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 3 BUD | 17000306 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.18 | 25.7 | Pg | 10:04:07.872 | 0.2 | | | | | T__ | | 136.4 | | ___ | ML | 0.9 | 6147131 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.18 | 25.7 | Lg | 10:04:10.852 | -0.4 | | | | | T__ | | | | --- | | 6147130 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.55 | 9.3 | Pg | 10:04:14.577 | 0.2 | | | | | T__ | | 44.9 | | ___ | ML | 1.5 | 6147128 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.55 | 9.3 | Lg | 10:04:22.475 | -0.3 | | | | | T__ | | | | --- | | 6147129 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.65 | 58.5 | Pg | 10:04:16.067 | -0.5 | | | | | T__ | | 56.8 | | ___ | ML | 1.6 | 6147132 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.65 | 58.5 | Lg | 10:04:28.614 | 1.1 | | | | | T__ | | | | --- | | 6147133 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/29 | 10:25:23.83 | 0.87 | 0.73 | 47.1065 | 18.0008 | 4.3 | 3.2 | 100 | 0.0f | | 15 | 10 | 73 | 0.22 | 1.02 | sx | BUD | 17000308 | BUD | | | 110 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.2 | 7 BUD | 17000308 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TIH | 0.22 | 199.7 | Pg | 10:25:29.072 | 0.3 | | | | | T__ | | 1406.0 | | ___ | ML | 2.1 | 6147168 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.31 | 34.5 | Pg | 10:25:30.711 | 0.1 | | | | | T__ | | 527.5 | | ___ | ML | 1.9 | 6147169 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.31 | 34.5 | Lg | 10:25:35.629 | -0.8 | | | | | T__ | | | | --- | | 6147170 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.32 | 281.6 | Pg | 10:25:31.456 | 0.6 | | | | | T__ | | 319.1 | | ___ | ML | 1.7 | 6147171 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.7 magdef=1
HU08A 0.33 350.9 Pg 10:25:31.754 0.8 T__ 281.7 --- ML 1.7 6147172 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.33 350.9 Lg 10:25:35.852 -1.0 T__ --- 6147173 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
A267A 0.37 115.8 Lg 10:25:38.094 0.1 T__ --- 6147174 FDSN Z3 00 BUD iLoc HHE ??? _
HU09A 0.59 25.8 Lg 10:25:45.916 -0.2 T__ --- 6147176 FDSN ZJ 00 BUD iLoc HHE ??? _
A261A 0.60 255.5 Lg 10:25:43.681 -1.3 T__ --- 6147175 FDSN Z3 00 BUD iLoc HHE ??? _
MORH 1.00 153.4 Pg 10:25:44.352 0.7 T__ 48.3 --- ML 1.7 6147178 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.00 153.4 Lg 10:25:57.837 -0.4 T__ --- 6147177 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU10A 1.01 42.7 Pg 10:25:44.799 0.1 T__ 121.8 --- ML 2.1 6147182 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 1.01 42.7 Sn 10:26:00.072 -0.2 T__ --- 6147181 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
KOVH 1.02 176.1 Pn 10:25:44.426 0.2 T__ 65.7 --- ML 1.9 6147179 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.02 176.1 Lg 10:25:58.358 -1.0 T__ --- 6147180 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/29 | 10:34:08.44 | 1.56 | 1.46 | 47.4328 | 16.3438 | 12.8 | 4.5 | 148 | 0.0f | | 11 | 6 | 157 | 0.26 | 0.91 | sx | BUD | 17000310 | BUD | | | 234 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 5 BUD | 17000310 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A011B | 0.26 | 264.9 | Pg | 10:34:13.892 | 0.2 | | | | | T__ | | 97.1 | | --- | ML | 1.0 | 6147222 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.26 | 264.9 | Lg | 10:34:17.319 | 0.1 | | | | | T__ | | | | --- | | 6147223 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.29 | 30.0 | Pg | 10:34:14.898 | 0.3 | | | | | T__ | | 162.5 | | --- | ML | 1.3 | 6147219 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.29 | 30.0 | Lg | 10:34:18.509 | -0.4 | | | | | T__ | | | | --- | | 6147224 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.59 | 326.9 | Pg | 10:34:20.448 | 0.2 | | | | | T__ | | 81.1 | | --- | ML | 1.7 | 6147220 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.59 | 326.9 | Lg | 10:34:28.308 | 0.1 | | | | | T__ | | | | --- | | 6147221 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.86 | 107.5 | Sn | 10:34:38.867 | -1.5 | | | | | T__ | | | | --- | | 6147225 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A013A | 0.89 | 315.3 | Pn | 10:34:26.350 | -1.3 | | | | | T__ | | 93.6 | | --- | ML | 2.0 | 6147227 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.89 | 315.3 | Sn | 10:34:38.345 | -2.8 | | | | | T__ | | | | --- | | 6147226 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.91 | 290.4 | Pn | 10:34:27.244 | -0.9 | | | | | T__ | | 75.5 | | --- | ML | 1.9 | 6147228 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.91 | 290.4 | Sn | 10:34:39.686 | -2.0 | | | | | T__ | | | | --- | | 6147229 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/30 | 01:51:51.03 | 3.35 | 0.16 | 47.4222 | 18.2776 | 19.8 | 8.6 | 36 | 2.2 | 21.2 | 6 | 4 | 301 | 0.03 | 0.13 | ke | BUD | 17000312 | BUD | | | 347 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.03 | 203.3 | Pg | 01:51:52.060 | -0.0 | | | | | T__ | | 218.9 | | --- | ML | 0.7 | 6147278 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.03 | 203.3 | Lg | 01:51:53.301 | 0.1 | | | | | T__ | | | | --- | | 6147277 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.06 | 191.1 | Pg | 01:51:52.627 | -0.0 | | | | | T__ | | 158.9 | | --- | ML | 0.7 | 6147279 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 191.1 | Lg | 01:51:54.340 | 0.2 | | | | | T__ | | | | --- | | 6147280 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.11 | 249.3 | Lg | 01:51:55.844 | 0.1 | | | | | T__ | | | | --- | | 6147281 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.13 | 200.7 | Lg | 01:51:56.347 | -0.1 | | | | | T__ | | | | --- | | 6147276 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/31 | 01:38:42.82 | 2.60 | 0.12 | 47.4269 | 18.2569 | 15.1 | 5.4 | 33 | 2.8 | 15.6 | 8 | 5 | 266 | 0.03 | 0.23 | ke | BUD | 17000314 | BUD | | | 293 |

Magnitude Err Nsta Author OrigID
ML 0.6 0.1 3 BUD 17000314

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.03 | 177.7 | Pg | 01:38:43.934 | -0.0 | | | | | T__ | | 147.3 | | --- | ML | 0.6 | 6148082 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.03 | 177.7 | Lg | 01:38:45.165 | -0.0 | | | | | T__ | | | | --- | | 6148078 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.06 | 177.8 | Pg | 01:38:44.455 | -0.1 | | | | | T__ | | 146.9 | | --- | ML | 0.6 | 6148076 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 177.8 | Lg | 01:38:46.220 | 0.1 | | | | | T__ | | | | --- | | 6148079 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.10 | 243.8 | Pg | 01:38:45.049 | -0.1 | | | | | T__ | | 74.9 | | --- | ML | 0.4 | 6148077 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.10 | 243.8 | Lg | 01:38:47.235 | 0.0 | | | | | T__ | | | | --- | | 6148080 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.13 | 194.1 | Lg | 01:38:48.392 | 0.1 | | | | | T__ | | | | --- | | 6148083 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.23 | 271.2 | Lg | 01:38:51.647 | 0.2 | | | | | T__ | | | | --- | | 6148081 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/01/31 | 02:18:01.51 | 1.91 | 0.36 | 47.1084 | 17.7259 | 15.1 | 4.0 | 170 | 3.0f | | 8 | 6 | 236 | 0.14 | 0.69 | ke | BUD | 17000316 | BUD | | | 259 |

Magnitude Err Nsta Author OrigID
ML 1.0 0.5 3 BUD 17000316

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MPLH | 0.14 | 296.0 | Pg | 02:18:04.849 | 0.1 | | | | | T__ | | 99.4 | | --- | ML | 0.7 | 6148137 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.14 | 296.0 | Lg | 02:18:06.674 | -0.6 | | | | | T__ | | | | --- | | 6148138 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|----------------------------|------|-----|--|--|--|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU08A | 0.35 | 22.6 | Pg | 02:18:08.504 | -0.2 | T__ | | | | 54.8 | --- | ML | 1.0 | 6148140 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.35 | 22.6 | Lg | 02:18:14.390 | 0.0 | T__ | | | | | --- | | | 6148141 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.38 | 59.4 | Lg | 02:18:15.476 | -0.2 | T__ | | | | | --- | | | 6148143 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| EGYH | 0.41 | 319.1 | Lg | 02:18:16.290 | 0.3 | T__ | | | | | --- | | | 6148142 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MSW1 | 0.46 | 51.7 | Lg | 02:18:18.395 | -0.1 | T__ | | | | | --- | | | 6148144 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU09A | 0.69 | 39.8 | Pg | 02:18:15.652 | 0.3 | T__ | | | | 99.8 | --- | ML | 1.9 | 6148139 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/01 | 10:00:42.48 | 1.07 | 1.05 | 48.2324 | 21.4886 | 9.7 | 4.0 | 1 | 0.0f | | 11 | 6 | 156 | 0.18 | 1.11 | sx | BUD | 17000320 | BUD | | | 217 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 4 BUD | 17000320 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.18 | 291.1 | Pg | 10:00:47.184 | 0.7 | | | | | T__ | | 461.5 | | --- | ML | 1.5 | 6156957 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.18 | 291.1 | Lg | 10:00:49.860 | -0.2 | | | | | T__ | | | | --- | | 6156961 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.65 | 260.7 | Pg | 10:00:55.920 | -0.2 | | | | | T__ | | 55.4 | | --- | ML | 1.6 | 6156956 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.65 | 260.7 | Lg | 10:01:06.257 | -0.3 | | | | | T__ | | | | --- | | 6156959 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.69 | 293.0 | Pg | 10:00:56.864 | 0.7 | | | | | T__ | | 57.3 | | --- | ML | 1.6 | 6156963 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.69 | 293.0 | Lg | 10:01:04.469 | -2.1 | | | | | T__ | | | | --- | | 6156958 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.71 | 97.9 | Pg | 10:00:57.019 | 0.6 | | | | | T__ | | 78.5 | | --- | ML | 1.8 | 6156960 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.71 | 97.9 | Lg | 10:01:07.294 | -1.2 | | | | | T__ | | | | --- | | 6156962 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.87 | 36.3 | Pg | 10:00:59.322 | 0.1 | | | | | T__ | | | | --- | | 6156964 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.87 | 36.3 | Lg | 10:01:12.372 | -1.0 | | | | | T__ | | | | --- | | 6156955 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.11 | 254.2 | Sn | 10:01:22.642 | 0.7 | | | | | T__ | | | | --- | | 6156965 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/01 | 11:21:29.85 | 0.83 | 1.00 | 47.5282 | 18.7027 | 4.5 | 2.7 | 145 | 0.0f | | 28 | 21 | 80 | 0.22 | 1.57 | sx | BUD | 17000322 | BUD | | | 116 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 7 BUD | 17000322 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BUD | 0.22 | 101.5 | Lg | 11:21:38.680 | -0.6 | | | | | T__ | | | | --- | | 6157050 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU09A | 0.24 | 297.1 | Lg | 11:21:39.110 | -0.7 | | | | | T__ | | | | --- | | 6157065 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.33 | 246.0 | Pg | 11:21:37.649 | 0.7 | | | | | T__ | | 117.8 | | --- | ML | 1.3 | 6157071 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.33 | 246.0 | Lg | 11:21:41.958 | -1.0 | | | | | T__ | | | | --- | | 6157070 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.3 magdef=0
CSKK 0.34 241.3 Pg 11:21:37.860 0.7 T__ 161.5 ___ ML 1.5 6157051 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.34 241.3 Lg 11:21:42.554 -0.8 T__ ___ 6157052 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU10A 0.38 33.8 Lg 11:21:44.553 -0.1 T__ ___ 6157074 FDSN ZJ 00 BUD iLoc HHN ??? _
MSW2 0.40 236.1 Pg 11:21:38.922 0.6 T__ 125.4 ___ ML 1.5 6157072 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.40 236.1 Lg 11:21:44.602 -0.8 T__ ___ 6157073 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW3 0.42 249.9 Lg 11:21:44.699 -1.1 T__ ___ 6157075 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.54 259.9 Lg 11:21:48.714 -1.1 T__ ___ 6157076 FDSN ZJ 00 BUD iLoc HHN ??? _
A338A 0.54 334.3 Lg 11:21:49.968 -0.3 T__ ___ 6157066 FDSN Z3 00 BUD iLoc HH2 ??? _
A267A 0.60 194.6 Lg 11:21:51.122 -0.8 T__ ___ 6157053 FDSN Z3 00 BUD iLoc HHE ??? _
HU03A 0.71 57.9 Lg 11:21:55.373 -0.3 T__ ___ 6157077 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 0.86 65.6 Lg 11:21:59.803 -1.2 T__ ___ 6157068 FDSN HU -- BUD iLoc HHN ??? _
MPLH 0.87 246.1 Pg 11:21:47.397 0.1 T__ 119.4 ___ ML 2.1 6157054 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.87 246.1 Lg 11:22:00.697 0.5 T__ ___ 6157067 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
PSZ 0.89 63.7 Pn 11:21:49.781 1.0 T__ 78.8 ___ ML 1.9 6157056 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.89 63.7 Lg 11:22:01.180 -1.3 T__ ___ 6157055 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS 0.97 5.2 Pg 11:21:50.302 0.7 T__ 25.2 ___ ML 1.4 6157057 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.97 5.2 Lg 11:22:02.261 -1.5 T__ ___ 6157069 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MODS 1.28 312.0 Sn 11:22:12.206 -1.2 T__ ___ 6157058 FDSN SK -- BUD iLoc HHE ??? _
MORH 1.31 181.8 Sn 11:22:11.834 -1.6 T__ ___ 6157059 FDSN HU -- BUD iLoc HHN ??? _
HU02A 1.36 63.5 Pn 11:21:56.561 1.4 T__ 45.7 _c_ ML 1.9 6157061 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.36 63.5 Sn 11:22:15.410 0.3 T__ ___ 6157060 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOVH 1.50 196.3 Sn 11:22:18.837 0.8 T__ ___ 6157062 FDSN HU -- BUD iLoc HHN ??? _
JAVC 1.50 333.0 Sn 11:22:18.986 -0.6 T__ ___ 6157063 FDSN CZ -- BUD iLoc HHN ??? _
JOS 1.57 51.2 Sn 11:22:21.519 1.7 T__ ___ 6157064 FDSN ZJ -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/01 | 11:24:01.23 | 1.30 | 1.63 | 48.7619 | 20.8489 | 7.0 | 6.2 | 17 | 0.0f | | 11 | 8 | 179 | 0.34 | 1.19 | sx | BUD | 17000324 | BUD | | | 289 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.0 | 3 BUD | 17000324 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.34 | 217.8 | Pg | 11:24:09.058 | 1.0 | | | | | T__ | | 260.8 | | | ML | 1.7 | 6157114 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.34 | 217.8 | Lg | 11:24:13.268 | -0.0 | | | | | T__ | | | | | | 6157113 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.37 | 221.0 | Pg | 11:24:09.617 | 0.9 | | | | | T__ | | 476.6 | | | ML | 2.0 | 6157115 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.37 | 221.0 | Lg | 11:24:14.087 | -0.3 | | | | | T__ | | | | | | 6157116 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 2.0 magdef=1
ABAH 0.53 150.7 Pg 11:24:13.007 1.0 T__ 78.2 ___ ML 1.7 6157117 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.53 150.7 Lg 11:24:19.004 -2.0 T__ ___ 6157118 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.68 198.7 Pg 11:24:15.168 -0.1 T__ ___ 6157119 FDSN ZJ 00 BUD iLoc HHZ ??? _
NIE 0.75 331.4 Lg 11:24:24.778 -1.3 T__ ___ 6157120 FDSN PL -- BUD iLoc BHN ??? _
PSZ 1.06 217.4 Lg 11:24:36.438 -2.6 T__ ___ 6157121 FDSN GE -- BUD iLoc HHE ??? _
ET1H 1.10 216.8 Sn 11:24:37.705 -2.1 T__ ___ 6157122 FDSN HU -- BUD iLoc HHE ??? _
HU23A 1.19 199.9 Sn 11:24:40.716 -1.1 T__ ___ 6157123 FDSN ZJ 00 BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/02 01:54:53.94 0.87 1.04 46.1818 16.6440 5.1 3.4 148 3.6 11.2 50 35 75 0.30 4.07 ke BUD 17000328 BUD 132

```

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Magnitude Err Nsta Author OrigID
ML 2.2 0.1 20 BUD 17000328

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BEHE 0.30 17.5 Pg 01:54:59.989 -0.3 T__ 1266.7 _d_ ML 2.2 6163296 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.30 17.5 Lg 01:55:04.720 0.1 T__ ___ 6163297 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KOGS 0.38 314.5 Pg 01:55:01.181 -0.4 T__ 255.4 _c_ ML 1.8 6163298 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.38 314.5 Lg 01:55:06.566 -0.1 T__ ___ 6163293 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
A264A 0.45 92.6 Pg 01:55:03.453 0.3 T__ 447.5 ___ ML 2.2 6163299 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.45 92.6 Lg 01:55:08.890 -0.3 T__ ___ 6163309 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PTJ 0.55 240.0 Pg 01:55:04.569 -0.4 T__ 107.5 ___ ML 1.8 6163310 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.55 240.0 Lg 01:55:12.394 -0.5 T__ ___ 6163300 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
A263A 0.65 45.1 Pg 01:55:06.283 -0.7 T__ 336.2 ___ ML 2.4 6163311 FDSN Z3 00 BUD iLoc HHZ HHZ _
A263A 0.65 45.1 Lg 01:55:16.102 0.2 T__ ___ 6163294 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
A262A 0.69 353.3 Pg 01:55:07.534 -0.0 T__ 306.6 ___ ML 2.4 6163290 FDSN Z3 00 BUD iLoc HHZ HHZ _
A262A 0.69 353.3 Lg 01:55:17.965 1.4 T__ ___ 6163291 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A265A 0.83 72.7 Pg 01:55:10.382 -0.2 T__ 376.9 ___ ML 2.5 6163302 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.83 72.7 Sn 01:55:22.824 -1.2 T__ ___ 6163301 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
A261A 0.85 24.1 Pg 01:55:09.397 -1.3 T__ 200.9 ___ ML 2.3 6163292 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.85 24.1 Lg 01:55:22.115 -0.1 T__ ___ 6163312 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A273A 0.86 107.6 Pn 01:55:11.386 -0.2 T__ 207.9 ___ ML 2.3 6163313 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1

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| | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.90 | 247.2 | Pg | 01:55:11.647 | 0.3 | T__ | 66.5 | ___ | ML | 1.8 | 6163314 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ | |
| CRES | 0.90 | 247.2 | Lg | 01:55:24.910 | 0.5 | T__ | | ___ | | | 6163303 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.02 | 94.8 | Pn | 01:55:12.990 | -0.8 | T__ | 111.3 | ___ | ML | 2.1 | 6163304 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 1.02 | 94.8 | Lg | 01:55:27.293 | 0.0 | T__ | | ___ | | | 6163315 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| TIH | 1.12 | 49.7 | Pn | 01:55:15.059 | -0.2 | T__ | 276.9 | ___ | ML | 2.6 | 6163295 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| A266A | 1.17 | 72.4 | Pn | 01:55:15.076 | -0.8 | T__ | 163.1 | ___ | ML | 2.4 | 6163306 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A266A | 1.17 | 72.4 | Sn | 01:55:31.988 | -0.4 | T__ | | ___ | | | 6163305 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| A011B | 1.31 | 339.3 | Pg | 01:55:18.464 | -0.6 | T__ | 78.4 | ___ | ML | 2.1 | 6163317 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A011B | 1.31 | 339.3 | Sn | 01:55:35.078 | -0.6 | T__ | | ___ | | | 6163316 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| EGYH | 1.32 | 20.7 | Pg | 01:55:18.539 | -1.0 | T__ | 148.9 | ___ | ML | 2.4 | 6163318 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| EGYH | 1.32 | 20.7 | Lg | 01:55:36.905 | -1.6 | T__ | | ___ | | | 6163307 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.39 | 87.9 | Pn | 01:55:17.758 | -1.0 | T__ | 44.0 | ___ | ML | 1.9 | 6163308 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 1.39 | 87.9 | Lg | 01:55:37.984 | -1.0 | T__ | | ___ | | | 6163319 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| A267A | 1.48 | 58.2 | Sn | 01:55:39.697 | -0.3 | T__ | | ___ | | | 6163320 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| BLY | 1.48 | 165.0 | Lg | 01:55:42.976 | 2.1 | T__ | | ___ | | | 6163322 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ | |
| OBKA | 1.49 | 283.5 | Sn | 01:55:40.219 | -0.6 | T__ | | ___ | | | 6163321 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| SOP | 1.50 | 357.8 | Lg | 01:55:42.901 | -0.2 | T__ | | ___ | | | 6163323 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU08A | 1.53 | 34.7 | Pg | 01:55:23.381 | 0.1 | T__ | 88.2 | ___ | ML | 2.3 | 6163325 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU08A | 1.53 | 34.7 | Lg | 01:55:44.391 | 0.3 | T__ | | ___ | | | 6163324 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 1.55 | 43.3 | Pn | 01:55:20.701 | -0.6 | T__ | 36.8 | ___ | ML | 1.9 | 6163338 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 1.58 | 39.7 | Pn | 01:55:22.176 | 0.7 | T__ | 57.2 | ___ | ML | 2.1 | 6163339 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| CSKK | 1.62 | 42.6 | Pg | 01:55:24.797 | -0.2 | T__ | 59.3 | ___ | ML | 2.2 | 6163326 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| A272A | 1.70 | 69.8 | Lg | 01:55:49.755 | 0.3 | T__ | | ___ | | | 6163327 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU22A | 1.73 | 84.3 | Lg | 01:55:51.836 | 1.6 | T__ | | ___ | | | 6163331 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| A271A | 1.79 | 56.4 | Lg | 01:55:53.704 | 1.0 | T__ | | ___ | | | 6163328 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| CONA | 1.83 | 343.3 | Lg | 01:55:54.002 | 1.7 | T__ | | ___ | | | 6163329 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| A018A | 1.90 | 326.1 | Lg | 01:55:55.045 | 1.3 | T__ | | ___ | | | 6163330 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU04A | 2.06 | 71.1 | Lg | 01:56:01.075 | -0.1 | T__ | | ___ | | | 6163332 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU21A | 2.15 | 84.9 | Lg | 01:56:04.613 | 0.8 | T__ | | ___ | | | 6163333 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU03A | 2.66 | 48.5 | Sn | 01:56:10.572 | 1.6 | T__ | | ___ | | | 6163334 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | |
|-------|------|------|----|--------------|-----|-----|--|--|--|--|--|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU06A | 2.76 | 77.5 | Lg | 01:56:25.489 | 1.5 | T__ | | | | | | --- | 6163335 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU24A | 3.20 | 75.2 | Lg | 01:56:39.951 | 2.0 | T__ | | | | | | --- | 6163336 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| NIE | 4.07 | 35.9 | Lg | 01:57:08.359 | 3.3 | T__ | | | | | | --- | 6163337 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/02 | 07:57:33.01 | 1.98 | 1.08 | 47.3797 | 18.3779 | 13.3 | 5.9 | 127 | 0.0f | | 8 | 6 | 155 | 0.08 | 1.18 | sx | BUD | 17000332 | BUD | | | 251 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.08 | 258.3 | Pg | 07:57:35.800 | 0.5 | | | | | T__ | | 904.5 | | --- | ML | 1.5 | 6165071 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.08 | 258.3 | Lg | 07:57:37.359 | -0.2 | | | | | T__ | | | | --- | | 6165076 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 279.3 | Pg | 07:57:35.943 | 0.6 | | | | | T__ | | 623.8 | | --- | ML | 1.3 | 6165074 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 279.3 | Lg | 07:57:37.057 | -0.6 | | | | | T__ | | | | --- | | 6165075 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.14 | 235.8 | Lg | 07:57:38.705 | -0.8 | | | | | T__ | | | | --- | | 6165077 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.31 | 279.7 | Lg | 07:57:44.554 | -0.8 | | | | | T__ | | | | --- | | 6165072 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| VVHS | 1.16 | 15.3 | Lg | 07:58:12.550 | -0.8 | | | | | T__ | | | | --- | | 6165078 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.18 | 171.0 | Sn | 07:58:11.524 | -1.7 | | | | | T__ | | | | --- | | 6165073 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/02 | 09:13:55.60 | 1.92 | 1.37 | 47.3153 | 17.6664 | 17.8 | 5.3 | 141 | 0.0f | | 9 | 8 | 135 | 0.17 | 1.42 | sx | BUD | 17000334 | BUD | | | 197 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MPLH | 0.17 | 210.8 | Lg | 09:14:01.982 | -1.0 | | | | | T__ | | | | --- | | 6165149 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.21 | 56.3 | Lg | 09:14:03.649 | -0.8 | | | | | T__ | | | | --- | | 6165142 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW3 | 0.32 | 77.6 | Lg | 09:14:07.628 | -0.6 | | | | | T__ | | | | --- | | 6165145 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.37 | 91.8 | Pg | 09:14:04.432 | 1.0 | | | | | T__ | | 88.0 | | --- | ML | 1.3 | 6165150 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.37 | 91.8 | Lg | 09:14:09.167 | -0.9 | | | | | T__ | | | | --- | | 6165146 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.41 | 78.9 | Lg | 09:14:10.129 | -1.4 | | | | | T__ | | | | --- | | 6165147 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MODS | 1.09 | 346.2 | Sn | 09:14:32.258 | -2.0 | | | | | T__ | | | | --- | | 6165143 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.29 | 148.3 | Sn | 09:14:39.382 | 1.0 | | | | | T__ | | | | --- | | 6165148 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 1.42 | 33.3 | Sn | 09:14:42.167 | -0.3 | | | | | T__ | | | | --- | | 6165144 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/02 | 09:18:49.30 | 1.22 | 0.86 | 47.3760 | 18.3779 | 7.1 | 5.1 | 109 | 0.0f | | 15 | 10 | 109 | 0.08 | 1.30 | sx | BUD | 17000336 | BUD | | | 155 |

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 5 BUD 17000336

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| CSKK | 0.08 | 260.9 | Pg | 09:18:51.614 | 0.0 | | | | | T__ | | 1581.1 | | --- | ML | 1.7 | 6165197 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|--|--|--|--|--|--|--|---------|------|---------|------|---------|---------|------|---------|------|------|------|-----|------|-----|-----|---|--|--|--|--|
| CSKK | 0.08 | 260.9 | Lg | 09:18:53.625 | -0.2 | T__ | | | | | | | | | 6165198 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | | | | | | | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 281.9 | Pg | 09:18:52.100 | 0.5 | T__ | 1073.9 | | | | | | | | ML | 1.6 | 6165205 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | | | | | | | |
| MSW1 | 0.08 | 281.9 | Lg | 09:18:53.611 | -0.3 | T__ | | | | | | | | | | | 6165206 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | | | | | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.14 | 237.1 | Pg | 09:18:52.903 | 0.3 | T__ | 250.9 | | | | | | | | | | ML | 1.1 | 6165208 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | | | | | |
| MSW2 | 0.14 | 237.1 | Lg | 09:18:55.122 | -0.6 | T__ | | | | | | | | | | | | | 6165207 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | | | | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.17 | 272.5 | Lg | 09:18:56.539 | -0.3 | T__ | | | | | | | | | | | | | 6165209 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | | | | |
| A266A | 0.85 | 185.3 | Lg | 09:19:18.807 | -0.1 | T__ | | | | | | | | | | | | | | 6165199 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | | | | | |
| PSZ | 1.16 | 61.6 | Pn | 09:19:12.690 | 0.8 | T__ | 60.1 | | | | | | | | | | | | | ML | 1.9 | 6165210 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | | | | |
| PSZ | 1.16 | 61.6 | Sn | 09:19:28.046 | -1.9 | T__ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.16 | 15.2 | Pn | 09:19:13.115 | 1.2 | T__ | 22.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.16 | 15.2 | Lg | 09:19:28.716 | -1.0 | T__ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.18 | 171.0 | Sn | 09:19:28.567 | -0.9 | T__ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MDS | 1.24 | 323.8 | Sn | 09:19:31.250 | -0.7 | T__ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.30 | 188.5 | Sn | 09:19:32.665 | 0.1 | T__ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/02 | 10:10:58.33 | 0.92 | 0.79 | 48.5477 | 20.7639 | 4.5 | 3.7 | 3 | 0.0f | | 19 | 11 | 87 | 0.16 | 1.28 | sx | BUD | 17000338 | BUD | | | 159 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 9 BUD | 17000338 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|--------|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| JOS | 0.16 | 250.9 | Pg | 10:11:01.871 | 0.2 | | | | | T__ | | 544.4 | | | ML | 1.5 | 6165265 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.16 | 250.9 | Lg | 10:11:04.665 | 0.3 | | | | | T__ | | | | | | | | | | | | | | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 250.9 | Pg | 10:11:02.296 | -0.2 | | | | | T__ | 1080.6 | | | | ML | 1.9 | 6165260 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 250.9 | Lg | 10:11:06.192 | 0.5 | | | | | T__ | | | | | | | | | | | | | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.40 | 128.3 | Pg | 10:11:06.766 | 0.1 | | | | | T__ | 105.5 | | | | ML | 1.4 | 6165262 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.40 | 128.3 | Lg | 10:11:13.993 | 0.3 | | | | | T__ | | | | | | | | | | | | | | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.45 | 200.6 | Pg | 10:11:07.757 | -0.2 | | | | | T__ | 54.9 | | | | ML | 1.3 | 6165269 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.45 | 200.6 | Lg | 10:11:15.394 | -0.0 | | | | | T__ | | | | | | | | | | | | | | | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.86 | 223.0 | Pg | 10:11:15.632 | -0.8 | | | | | T__ | 84.7 | | | | ML | 1.9 | 6165257 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.86 | 223.0 | Lg | 10:11:28.804 | -0.5 | | | | | T__ | | | | | | | | | | | | | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ET1H | 0.90 | 222.1 | Pn | 10:11:16.824 | -0.2 | T__ | 59.8 | ___ | ML | 1.8 | 6165259 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.90 | 222.1 | Lg | 10:11:30.980 | 0.7 | T__ | | --- | | | 6165258 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 0.92 | 340.8 | Pg | 10:11:16.250 | 0.5 | T__ | 71.6 | ___ | ML | 1.9 | 6165270 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.92 | 340.8 | Lg | 10:11:27.612 | -1.3 | T__ | | --- | | | 6165271 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU03A | 1.01 | 230.8 | Pn | 10:11:19.193 | 0.6 | T__ | 103.3 | ___ | ML | 2.1 | 6165273 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KOLS | 1.07 | 68.3 | Lg | 10:11:34.466 | -0.8 | T__ | | --- | | | 6165274 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| TRPA | 1.26 | 108.8 | Sn | 10:11:40.427 | -0.6 | T__ | | --- | | | 6165275 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 1.28 | 268.3 | Pn | 10:11:22.933 | 0.3 | T__ | 17.7 | ___ | ML | 1.5 | 6165263 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.28 | 268.3 | Sn | 10:11:39.771 | -2.1 | T__ | | --- | | | 6165264 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/02 | 10:59:24.82 | 1.35 | 0.42 | 47.2175 | 18.2375 | 12.0 | 6.5 | 73 | 0.0f | | 7 | 4 | 171 | 0.09 | 1.04 | ke | BUD | 17000340 | BUD | | | 329 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.7 | 0.1 | 3 BUD | 17000340 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.09 | 348.0 | Pg | 10:59:27.415 | 0.2 | | | | | T__ | | 138.3 | | ___ | ML | 0.7 | 6165310 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.09 | 348.0 | Lg | 10:59:28.944 | -0.7 | | | | | T__ | | | | --- | | 6165311 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.15 | 6.1 | Pg | 10:59:28.587 | 0.2 | | | | | T__ | | 138.9 | | ___ | ML | 0.9 | 6165313 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.15 | 6.1 | Lg | 10:59:31.544 | -0.2 | | | | | T__ | | | | --- | | 6165312 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.18 | 335.5 | Pg | 10:59:29.199 | 0.2 | | | | | T__ | | 65.7 | | ___ | ML | 0.6 | 6165314 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.18 | 335.5 | Lg | 10:59:32.870 | 0.1 | | | | | T__ | | | | --- | | 6165315 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.04 | 164.3 | Lg | 11:00:00.397 | -0.3 | | | | | T__ | | | | --- | | 6165316 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|--------|----------|-------|-----|-----|-----|
| 2021/02/02 | 14:04:37.09 | 0.81 | 0.50 | 46.1886 | 16.5512 | 4.7 | 3.6 | 142 | 8.8 | | 1.2 | 27 | 17 | 72 | 0.32 | 1.80 | ke | BUD | 17000342 | BUD | | | 140 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | 0.2 | 13 BUD | 17000342 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BEHE | 0.32 | 28.8 | Pg | 14:04:43.941 | 0.0 | | | | | T__ | | 1395.9 | | _d_ | ML | 2.3 | 6165424 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.32 | 28.8 | Lg | 14:04:48.858 | 0.3 | | | | | T__ | | | | --- | | 6165423 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KOGS | 0.33 | 321.3 | Pg | 14:04:44.201 | 0.3 | T__ | 478.3 | --- | ML | 1.9 | 6165422 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.33 | 321.3 | Lg | 14:04:48.476 | -0.1 | T__ | | --- | | | 6165432 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.49 | 235.5 | Pg | 14:04:47.060 | -0.2 | T__ | 124.0 | --- | ML | 1.8 | 6165433 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.49 | 235.5 | Lg | 14:04:53.803 | -0.7 | T__ | | --- | | | 6165434 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A264A | 0.51 | 93.0 | Lg | 14:04:54.241 | -0.3 | T__ | | --- | | | 6165446 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A262A | 0.68 | 358.6 | Pn | 14:04:51.168 | -0.7 | T__ | 423.1 | --- | ML | 2.5 | 6165425 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A263A | 0.70 | 49.2 | Pg | 14:04:50.385 | -0.5 | T__ | 439.8 | --- | ML | 2.5 | 6165426 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.70 | 49.2 | Lg | 14:05:00.247 | -0.2 | T__ | | --- | | | 6165435 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CRES | 0.84 | 245.0 | Pn | 14:04:54.408 | -0.3 | T__ | 105.6 | --- | ML | 2.0 | 6165427 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.84 | 245.0 | Lg | 14:05:06.133 | 0.4 | T__ | | --- | | | 6165436 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A261A | 0.87 | 28.1 | Pg | 14:04:54.371 | 0.4 | T__ | 189.0 | --- | ML | 2.3 | 6165428 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A265A | 0.89 | 74.2 | Pg | 14:04:54.371 | -0.1 | T__ | 332.7 | --- | ML | 2.5 | 6165429 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.89 | 74.2 | Sn | 14:05:07.064 | -0.7 | T__ | | --- | | | 6165437 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.08 | 94.8 | Pn | 14:04:57.240 | 0.0 | T__ | 91.2 | --- | ML | 2.1 | 6165430 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.08 | 94.8 | Lg | 14:05:12.130 | 0.1 | T__ | | --- | | | 6165438 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.19 | 34.4 | Pg | 14:04:59.539 | -0.5 | T__ | 86.4 | --- | ML | 2.1 | 6165439 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.19 | 34.4 | Lg | 14:05:16.079 | -0.1 | T__ | | --- | | | 6165440 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A266A | 1.23 | 73.5 | Lg | 14:05:17.128 | 0.0 | T__ | | --- | | | 6165447 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A011B | 1.29 | 341.8 | Pn | 14:05:00.592 | 0.1 | T__ | 71.1 | --- | ML | 2.1 | 6165431 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 1.29 | 341.8 | Lg | 14:05:18.240 | -0.0 | T__ | | --- | | | 6165441 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.42 | 283.7 | Lg | 14:05:22.784 | -0.3 | T__ | | --- | | | 6165442 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.45 | 88.2 | Lg | 14:05:24.920 | 1.2 | T__ | | --- | | | 6165448 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| BLY | 1.51 | 162.6 | Pg | 14:05:05.947 | 1.0 | T__ | 75.7 | --- | ML | 2.2 | 6165444 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 1.51 | 162.6 | Lg | 14:05:24.423 | -0.0 | T__ | | --- | | | 6165443 | FDSN | MN | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CONA | 1.80 | 345.1 | Pg | 14:05:11.907 | 0.9 | T__ | 77.4 | --- | ML | 2.4 | 6165445 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/02 | 19:37:46.01 | 2.18 | 1.31 | 48.3148 | 17.4351 | 27.5 | 10.0 | 132 | 9.0 | 21.1 | 11 | 9 | 70 | 0.12 | 1.38 | ke | BUD | 17000346 | BUD | | | 133 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.12 | 299.3 | Pg | 19:37:49.480 | 0.3 | | | | | T__ | | | | | | 6165802 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.12 | 299.3 | Lg | 19:37:51.324 | -0.5 | | | | | T__ | | | | | | 6165803 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.57 | 15.9 | Lg | 19:38:06.308 | -0.2 | | | | | T__ | | | | | | 6165804 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| EGYH | 0.90 | 184.5 | Sn | 19:38:16.366 | -1.1 | | | | | T__ | | | | | | 6165805 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.95 | 78.6 | Pn | 19:38:05.340 | 0.7 | | | | | T__ | | 20.1 | | | ML | 1.3 | 6165807 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.95 | 78.6 | Sn | 19:38:17.707 | -1.7 | | | | | T__ | | | | | | 6165806 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.02 | 317.7 | Sn | 19:38:21.209 | 0.6 | | | | | T__ | | | | | | 6165808 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 1.10 | 149.4 | Sn | 19:38:21.432 | -1.3 | | | | | T__ | | | | | | 6165809 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.12 | 250.4 | Sn | 19:38:22.475 | -0.7 | | | | | T__ | | | | | | 6165810 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.15 | 176.4 | Sn | 19:38:22.028 | -1.6 | | | | | T__ | | | | | | 6165811 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A013A | 1.38 | 260.3 | Sn | 19:38:30.522 | 1.5 | | | | | T__ | | | | | | 6165812 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/02 | 22:47:53.04 | 0.96 | 0.34 | 47.8786 | 16.3103 | 6.8 | 3.9 | 30 | 2.0f | | 7 | 5 | 140 | 0.10 | 1.18 | | ke BUD | 17000348 | BUD | | | 184 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.1 | 4 BUD | 17000348 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A004A | 0.10 | 34.6 | Pg | 22:47:55.173 | -0.1 | | | | | T__ | | 279.0 | | | _c_ ML | 1.0 | 6166378 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.26 | 139.3 | Pg | 22:47:58.293 | -0.0 | | | | | T__ | | 85.8 | | | ML | 0.9 | 6166379 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.26 | 139.3 | Lg | 22:48:01.921 | -0.1 | | | | | T__ | | | | | | 6166374 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.31 | 279.5 | Pg | 22:47:59.127 | -0.2 | | | | | T__ | | 68.2 | | | ML | 1.0 | 6166375 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.31 | 279.5 | Lg | 22:48:04.058 | 0.5 | | | | | T__ | | | | | | 6166380 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.64 | 287.3 | Lg | 22:48:13.432 | -0.1 | | | | | T__ | | | | | | 6166376 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU08A | 1.18 | 111.7 | Pn | 22:48:16.076 | 0.4 | | | | | T__ | | 68.0 | | | ML | 2.0 | 6166377 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/02 | 23:18:26.59 | 1.51 | 0.39 | 46.0011 | 17.7688 | 9.1 | 5.1 | 69 | 8.3 | 10.4 | 8 | 4 | 203 | 0.09 | 0.65 | | ke BUD | 17000350 | BUD | | | 292 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.6 | 4 BUD | 17000350 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A273A | 0.09 | 158.7 | Pg | 23:18:28.892 | -0.3 | | | | | T__ | | 144.0 | | | ML | 0.7 | 6166408 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.09 | 158.7 | Lg | 23:18:31.611 | 0.6 | | | | | T__ | | | | | | 6166409 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
KOVH 0.25 69.2 Pg 23:18:31.858 -0.1 T__ 60.5 ___ ML 0.8 6166410 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.25 69.2 Lg 23:18:35.821 -0.0 T__ ___ 6166407 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
A265A 0.42 2.5 Pg 23:18:35.164 -0.2 T__ 213.5 ___ ML 1.8 6166411 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.42 2.5 Lg 23:18:41.744 0.4 T__ ___ 6166413 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MORH 0.65 70.3 Pg 23:18:39.401 -0.0 T__ 39.6 ___ ML 1.5 6166412 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.65 70.3 Lg 23:18:48.468 -0.0 T__ ___ 6166414 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/03 09:01:34.86 3.70 0.42 48.5008 20.7385 23.9 6.6 52 0.0f 6 3 292 0.13 0.40 sx BUD 17000352 BUD 356

```

```

Magnitude Err Nsta Author OrigID
ML 0.9 0.2 3 BUD 17000352

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.13 267.9 Pg 09:01:37.774 0.0 T__ 57.6 ___ ML 0.4 6168602 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.13 267.9 Lg 09:01:40.605 0.5 T__ ___ 6168603 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
KECS 0.17 264.1 Pg 09:01:38.147 -0.3 T__ 129.2 ___ ML 0.9 6168604 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.17 264.1 Lg 09:01:41.324 -0.0 T__ ___ 6168600 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
HU02A 0.40 200.7 Pg 09:01:43.679 0.2 T__ 41.6 ___ ML 1.0 6168605 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.40 200.7 Lg 09:01:49.892 -0.3 T__ ___ 6168601 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/03 10:41:35.55 1.01 1.01 48.8889 21.0633 6.1 4.2 71 0.0f 18 11 117 0.52 1.57 sx BUD 17000354 BUD 158

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 8 BUD 17000354

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.52 221.6 Pg 10:41:46.459 0.4 T__ 83.0 ___ ML 1.7 6168659 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 221.6 Lg 10:41:53.018 -0.9 T__ ___ 6168655 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
KECS 0.56 223.5 Pg 10:41:48.325 1.6 T__ 102.6 ___ ML 1.8 6168656 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 223.5 Lg 10:41:53.689 -1.4 T__ ___ 6168657 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ABAH | 0.60 | 168.8 | Pg | 10:41:48.474 | 0.8 | T__ | 86.7 | --- | ML | 1.8 | 6168658 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.60 | 168.8 | Lg | 10:41:56.672 | -1.1 | T__ | | --- | | | 6168644 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 0.73 | 316.9 | Pg | 10:41:49.221 | -0.1 | T__ | 78.5 | --- | ML | 1.8 | 6168647 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.73 | 316.9 | Lg | 10:41:59.497 | -0.3 | T__ | | --- | | | 6168660 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.80 | 86.4 | Lg | 10:42:03.235 | -0.5 | T__ | | --- | | | 6168653 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| HUO2A | 0.85 | 205.2 | Pg | 10:41:53.041 | 0.1 | T__ | 51.9 | --- | ML | 1.7 | 6168648 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HUO2A | 0.85 | 205.2 | Lg | 10:42:04.440 | -1.5 | T__ | | --- | | | 6168649 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| LANS | 1.08 | 284.6 | Pg | 10:41:57.698 | 0.8 | T__ | 42.2 | --- | ML | 1.7 | 6168650 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TRPA | 1.24 | 127.2 | Pn | 10:41:58.890 | -0.2 | T__ | 71.5 | --- | ML | 2.0 | 6168651 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 1.24 | 127.2 | Lg | 10:42:16.124 | -1.8 | T__ | | --- | | | 6168654 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.24 | 219.2 | Pn | 10:41:59.950 | 0.5 | T__ | 70.3 | --- | ML | 2.0 | 6168646 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.24 | 219.2 | Sn | 10:42:17.682 | -0.6 | T__ | | --- | | | 6168645 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.29 | 218.6 | Sn | 10:42:18.112 | -0.7 | T__ | | --- | | | 6168652 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| OJC | 1.57 | 328.7 | Lg | 10:42:26.170 | 0.0 | T__ | | --- | | | 6168661 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/03 | 11:00:02.78 | 1.15 | 1.01 | 48.1383 | 16.9708 | 9.2 | 4.5 | 158 | 0.0f | | 7 | 4 | 175 | 0.31 | 1.00 | sx | BUD | 17000356 | BUD | | | 259 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| MODS | 0.31 | 40.9 | Pg | 11:00:09.903 | 0.3 | | | | | T__ | | | | | | 6168693 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.31 | 40.9 | Lg | 11:00:14.225 | -0.9 | | | | | T__ | | | | | | 6168694 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| A337A | 0.56 | 78.7 | Lg | 11:00:23.112 | -0.2 | | | | | T__ | | | | | | 6168697 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| CONA | 0.77 | 254.6 | Pg | 11:00:18.046 | -0.1 | | | | | T__ | 91.7 | | | | | 6168698 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.77 | 254.6 | Lg | 11:00:28.082 | -0.2 | | | | | T__ | | | | | | 6168695 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.00 | 337.8 | Pg | 11:00:23.261 | 1.3 | | | | | T__ | 72.9 | | | | | 6168699 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.00 | 337.8 | Lg | 11:00:35.533 | -1.2 | | | | | T__ | | | | | | 6168696 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/04 | 10:17:01.60 | 1.35 | 0.66 | 48.5310 | 20.7866 | 11.2 | 3.7 | 10 | 0.0f | | 16 | 10 | 127 | 0.17 | 1.30 | sx | BUD | 17000360 | BUD | | | 199 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 7 BUD | 17000360 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 258.0 | Pg | 10:17:05.253 | 0.1 | | | | | T__ | | 336.3 | | ___ | ML | 1.3 | 6171516 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 258.0 | Lg | 10:17:08.233 | 0.2 | | | | | T__ | | | | --- | | 6171517 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 256.7 | Pg | 10:17:05.774 | -0.2 | | | | | T__ | | 884.0 | | ___ | ML | 1.8 | 6171519 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.21 | 256.7 | Lg | 10:17:09.425 | 0.1 | | | | | T__ | | | | --- | | 6171518 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.38 | 127.7 | Pg | 10:17:09.649 | 0.1 | | | | | T__ | | 74.6 | | ___ | ML | 1.2 | 6171520 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.38 | 127.7 | Lg | 10:17:15.907 | -0.3 | | | | | T__ | | | | --- | | 6171521 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.44 | 203.2 | Lg | 10:17:18.440 | 0.1 | | | | | T__ | | | | --- | | 6171522 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 0.86 | 224.5 | Pn | 10:17:20.254 | 0.3 | | | | | T__ | | 58.4 | | --- | ML | 1.7 | 6171527 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.86 | 224.5 | Lg | 10:17:31.951 | -0.6 | | | | | T__ | | | | --- | | 6171526 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.89 | 223.5 | Pn | 10:17:19.956 | -0.3 | | | | | T__ | | 36.6 | | ___ | ML | 1.6 | 6171528 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.89 | 223.5 | Lg | 10:17:33.490 | 0.0 | | | | | T__ | | | | --- | | 6171524 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.94 | 340.3 | Pn | 10:17:20.973 | -0.3 | | | | | T__ | | 60.4 | | ___ | ML | 1.8 | 6171523 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 1.01 | 232.1 | Lg | 10:17:37.736 | 0.4 | | | | | T__ | | | | --- | | 6171525 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| TRPA | 1.24 | 108.3 | Sn | 10:17:42.158 | -1.7 | | | | | T__ | | | | --- | | 6171529 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.30 | 269.1 | Pn | 10:17:26.438 | 0.3 | | | | | T__ | | 17.0 | | ___ | ML | 1.5 | 6171531 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.30 | 269.1 | Sn | 10:17:44.244 | -1.3 | | | | | T__ | | | | --- | | 6171530 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/02/04 | 12:27:32.27 | 1.38 | 0.90 | 47.9141 | 20.1229 | 13.7 | 3.3 | 156 | 0.0f | | 10 | 6 | 206 | 0.15 | 1.04 | kx | BUD | 17000362 | BUD | | | 232 |
| 2021/02/04 | 12:27:31.58 | 0.92 | 0.99 | 47.8650 | 20.1529f | | | | 0.0f | | 10 | 6 | 230 | 0.18 | 1.08 | kx | BUD_GT | 17000363 | BUD_GT | | | 252 |

(locality : Kiszána Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.3 | 0.1 | 4 BUD_GT | 17000363 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 12:27:36.291 | 0.2 | | | | | T__ | | 512.0 | | ___ | ML | 1.5 | 6171624 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 12:27:39.420 | -0.3 | | | | | T__ | | | | --- | | 6171625 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 12:27:36.738 | 0.7 | | | | | T__ | | 277.5 | | ___ | ML | 1.3 | 6171626 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 12:27:38.898 | -0.6 | | | | | T__ | | | | --- | | 6171627 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 12:27:39.754 | 0.3 | | | | | T__ | | 81.6 | | ___ | ML | 1.2 | 6171629 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

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HU02A  0.36 44.0 Lg      12:27:44.634 -0.9      T__          ---          6171628      FDSN ZJ      00 BUD      iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU03A  0.37 276.2 Lg     12:27:46.162  0.5      T__          ---          6171630      FDSN ZJ      00 BUD      iLoc HHN ??? _
JOS    0.68 22.1 Pg      12:27:46.087  0.8      T__          31.2         --- ML       1.4 6171631   FDSN ZJ      -- BUD      iLoc HHZ HHZ _
JOS    0.68 22.1 Lg      12:27:55.773  0.1      T__          ---          6171632      FDSN ZJ      -- BUD      iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS   1.08 306.0 Lg     12:28:06.799 -2.4      T__          ---          6171633      FDSN SK      -- BUD      iLoc HHE ??? _

```

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Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/02/04 14:19:42.01  1.02  1.19 48.8277  21.8229  9.2  4.5 162  0.0f  8  5 129  0.32  1.16  sx BUD      17000364      BUD      204

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Magnitude Err Nsta Author OrigID

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
KOLS 0.32  70.3 Pg      14:19:48.711  0.4      T__          ---          6172401      FDSN SK      -- BUD      iLoc HHZ ??? _
KOLS 0.32  70.3 Lg      14:19:52.884 -0.9      T__          ---          6172402      FDSN SK      -- BUD      iLoc HHN ??? _
TRPA 0.85 145.4 Pg     14:19:58.844  0.4      T__          48.6         --- ML       1.7 6172404   FDSN HU      -- BUD      iLoc HHZ HHZ _
TRPA 0.85 145.4 Lg     14:20:11.360 -0.9      T__          ---          6172403      FDSN HU      -- BUD      iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS   0.91 249.2 Pg     14:20:00.632  0.6      T__          33.6         --- ML       1.5 6172405   FDSN ZJ      -- BUD      iLoc HHZ HHZ _
JOS   0.91 249.2 Lg     14:20:13.074 -0.6      T__          ---          6172406      FDSN ZJ      -- BUD      iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 1.12 231.2 Lg     14:20:19.258 -1.9      T__          ---          6172407      FDSN ZJ      00 BUD      iLoc HHE ??? _
NIE   1.16 301.1 Lg     14:20:20.077 -0.8      T__          ---          6172408      FDSN PL      -- BUD      iLoc BHE ??? _

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Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/02/05 03:30:41.61  0.78  0.79 46.1895  16.5854  4.8  3.2 141  6.5  7.3  70  46  65  0.31  3.65  ke BUD      17000366      BUD      121

```

Magnitude Err Nsta Author OrigID
ML 2.9 0.2 41 BUD 17000366

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
BEHE 0.31  25.1 Pg     03:30:48.308  0.2      T__          10907.7      _d ML       3.2 6173751   FDSN HU      -- BUD      iLoc HHZ HHZ _
BEHE 0.31  25.1 Lg     03:30:53.438  0.8      T__          ---          6173723      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=0
KOGS 0.35 318.2 Pg     03:30:48.399 -0.3      T__          1328.2      --- ML       2.4 6173722   FDSN SL      -- BUD      iLoc BHZ BHZ _
KOGS 0.35 318.2 Lg     03:30:53.836  0.4      T__          ---          6173769      FDSN SL      -- BUD      iLoc BHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
A264A 0.49 93.2 Pg      03:30:51.422 -0.2      T__          1651.9      --- ML       2.9 6173752   FDSN Z3      00 BUD      iLoc HHZ HHZ _
A264A 0.49 93.2 Lg      03:30:58.777  0.5      T__          ---          6173770      FDSN Z3      00 BUD      iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
PTJ   0.51 236.9 Pg     03:30:51.525 -0.5      T__          1078.6      --- ML       2.8 6173724   FDSN CR      -- BUD      iLoc BHZ BHZ _
PTJ   0.51 236.9 Lg     03:30:59.118 -0.5      T__          ---          6173771      FDSN CR      -- BUD      iLoc BHN ??? _

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| |
|---|
| (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 ZAG 0.55 229.2 Pg 03:30:52.488 -0.0 T__ 6232.8 --- ML 3.6 6173753 FDSN CR -- BUD iLoc BHZ BHZ _ ZAG 0.55 229.2 Lg 03:31:00.949 0.8 T__ --- 6173725 FDSN CR -- BUD iLoc BHN ??? _ (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=0 A262A 0.68 356.6 Pn 03:30:55.133 -1.5 T__ 1937.0 --- ML 3.2 6173754 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=0 A263A 0.68 47.9 Pg 03:30:54.451 -0.7 T__ 5578.3 --- ML 3.6 6173755 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=0 A261A 0.86 26.8 Pg 03:30:57.472 -1.0 T__ 925.8 --- ML 2.9 6173756 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 CRES 0.87 245.6 Pg 03:30:58.083 -0.1 T__ 1139.3 --- ML 3.0 6173757 FDSN SL -- BUD iLoc BHZ BHZ _ CRES 0.87 245.6 Lg 03:31:10.652 -0.3 T__ --- 6173726 FDSN SL -- BUD iLoc BHN ??? _ (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 A265A 0.87 73.9 Pn 03:30:58.461 -0.7 T__ 1856.4 --- ML 3.3 6173758 FDSN Z3 00 BUD iLoc HHZ HHZ _ A265A 0.87 73.9 Sn 03:31:11.105 -1.0 T__ --- 6173772 FDSN Z3 00 BUD iLoc HHN ??? _ (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=0 A273A 0.90 107.2 Pn 03:30:59.001 -0.5 T__ 894.0 --- ML 3.0 6173759 FDSN Z3 00 BUD iLoc HHZ HHZ _ A273A 0.90 107.2 Sn 03:31:11.933 -0.8 T__ --- 6173773 FDSN Z3 00 BUD iLoc HHN ??? _ (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 KOVH 1.06 94.9 Pn 03:31:00.855 -0.8 T__ 807.1 --- ML 3.0 6173727 FDSN HU -- BUD iLoc HHZ HHZ _ KOVH 1.06 94.9 Lg 03:31:14.851 -1.1 T__ --- 6173728 FDSN HU -- BUD iLoc HHN ??? _ (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 A260A 1.10 4.3 Lg 03:31:17.959 0.3 T__ --- 6173774 FDSN Z3 00 BUD iLoc HHN ??? _ TIH 1.15 51.3 Pn 03:31:02.348 -0.6 T__ 1392.2 --- ML 3.3 6173729 FDSN HU -- BUD iLoc HHZ HHZ _ (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=0 MPLH 1.18 33.5 Pn 03:31:02.908 -0.6 T__ 289.3 --- ML 2.6 6173730 FDSN HU -- BUD iLoc HHZ HHZ _ MPLH 1.18 33.5 Lg 03:31:21.476 1.1 T__ --- 6173731 FDSN HU -- BUD iLoc HHN ??? _ (Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1 A266A 1.21 73.3 Pn 03:31:02.948 -0.8 T__ 1080.5 --- ML 3.2 6173760 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=0 A011B 1.29 340.8 Pg 03:31:05.497 -0.6 T__ 157.4 --- ML 2.4 6173761 FDSN Z3 00 BUD iLoc HHZ HHZ _ A011B 1.29 340.8 Lg 03:31:23.142 0.2 T__ --- 6173775 FDSN Z3 00 BUD iLoc HH2 ??? _ (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0 EGYH 1.33 22.4 Pn 03:31:05.323 -0.3 T__ 407.2 --- ML 2.8 6173762 FDSN HU -- BUD iLoc HHZ HHZ _ (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 MORH 1.43 88.2 Pn 03:31:05.658 -1.0 T__ 183.1 --- ML 2.6 6173735 FDSN HU -- BUD iLoc HHZ HHZ _ MORH 1.43 88.2 Lg 03:31:29.410 1.7 T__ --- 6173734 FDSN HU -- BUD iLoc HHN ??? _ (Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0 |
|---|

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| OBKA | 1.45 | 283.5 | Pn | 03:31:06.944 | -1.1 | T__ | 215.9 | --- | ML | 2.6 | 6173763 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SOP | 1.49 | 359.3 | Lg | 03:31:30.104 | 0.6 | T__ | | --- | | | 6173736 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| BLY | 1.50 | 163.5 | Pn | 03:31:07.660 | -0.6 | T__ | 428.4 | --- | ML | 3.0 | 6173764 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 1.50 | 163.5 | Pg | 03:31:10.370 | 0.8 | T__ | 428.2 | --- | ML | 3.0 | 6173738 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 1.50 | 163.5 | Lg | 03:31:29.686 | 0.8 | T__ | | --- | | | 6173732 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A267A | 1.51 | 59.3 | Pg | 03:31:10.043 | -0.4 | T__ | 508.5 | --- | ML | 3.0 | 6173737 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU08A | 1.55 | 36.0 | Pn | 03:31:08.130 | -0.3 | T__ | 214.1 | --- | ML | 2.7 | 6173739 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW2 | 1.58 | 44.5 | Pn | 03:31:08.458 | -0.4 | T__ | 180.6 | --- | ML | 2.6 | 6173765 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 1.58 | 44.5 | Pg | 03:31:11.093 | -0.6 | T__ | | --- | | | 6173776 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW3 | 1.60 | 41.0 | Pn | 03:31:08.863 | -0.3 | T__ | 163.7 | --- | ML | 2.6 | 6173766 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 1.60 | 41.0 | Pg | 03:31:11.921 | -0.1 | T__ | | --- | | | 6173777 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A003A | 1.60 | 11.4 | Pn | 03:31:09.483 | 0.1 | T__ | 236.3 | --- | ML | 2.8 | 6173740 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CSKK | 1.64 | 43.8 | Pn | 03:31:09.719 | -0.1 | T__ | 240.0 | --- | ML | 2.8 | 6173733 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 1.64 | 43.8 | Pg | 03:31:12.119 | -0.8 | T__ | | --- | | | 6173778 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW1 | 1.66 | 43.1 | Pn | 03:31:10.150 | 0.0 | T__ | 135.0 | --- | ML | 2.6 | 6173767 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 1.66 | 43.1 | Pg | 03:31:12.813 | -0.5 | T__ | | --- | | | 6173779 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A272A | 1.74 | 70.5 | Pg | 03:31:14.662 | -0.1 | T__ | 400.8 | --- | ML | 3.1 | 6173741 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU22A | 1.77 | 84.6 | Pn | 03:31:10.991 | -0.4 | T__ | 450.4 | --- | ML | 3.1 | 6173780 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU22A | 1.77 | 84.6 | Pg | 03:31:15.548 | 0.3 | T__ | 448.4 | --- | ML | 3.1 | 6173742 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A004A | 1.78 | 355.9 | Pg | 03:31:16.056 | 0.8 | T__ | 217.8 | --- | ML | 2.8 | 6173781 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 1.78 | 355.9 | Lg | 03:31:39.977 | 1.7 | T__ | | --- | | | 6173782 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CONA | 1.81 | 344.4 | Lg | 03:31:40.799 | 1.6 | T__ | | --- | | | 6173783 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| HU09A | 1.90 | 39.7 | Pn | 03:31:13.158 | -0.2 | T__ | 159.9 | --- | ML | 2.8 | 6173784 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A013A | 2.04 | 337.2 | Pn | 03:31:16.752 | 1.1 | T__ | 91.9 | --- | ML | 2.6 | 6173768 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU04A | 2.09 | 71.6 | Pn | 03:31:14.846 | -1.0 | T__ | 200.4 | --- | ML | 3.0 | 6173785 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU04A | 2.09 | 71.6 | Pg | 03:31:21.286 | -0.3 | T__ | 199.4 | ___ | ML | 3.0 | 6173743 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU04A | 2.09 | 71.6 | Lg | 03:31:50.323 | 0.4 | T__ | | --- | | | 6173786 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU21A | 2.19 | 85.1 | Pg | 03:31:23.339 | 0.3 | T__ | 163.9 | ___ | ML | 2.9 | 6173744 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU21A | 2.19 | 85.1 | Lg | 03:31:54.197 | 1.5 | T__ | | --- | | | 6173788 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A338A | 2.19 | 32.8 | Pn | 03:31:17.431 | 0.1 | T__ | 198.2 | ___ | ML | 3.0 | 6173787 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A005B | 2.20 | 353.4 | Lg | 03:31:53.307 | 1.8 | T__ | | --- | | | 6173789 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| MODS | 2.24 | 11.9 | Pn | 03:31:17.538 | -0.7 | T__ | | --- | | | 6173790 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| HU10A | 2.35 | 44.3 | Pn | 03:31:20.120 | 0.6 | T__ | 122.1 | ___ | ML | 2.9 | 6173745 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A001A | 2.54 | 0.1 | Pn | 03:31:22.779 | 0.3 | T__ | 71.8 | ___ | ML | 2.8 | 6173746 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 2.54 | 0.1 | Lg | 03:32:04.493 | 1.5 | T__ | | --- | | | 6173791 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VYHS | 2.77 | 32.8 | Pn | 03:31:24.972 | -0.6 | T__ | 19.3 | ___ | ML | 2.3 | 6173747 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| VRAC | 3.12 | 0.1 | Pn | 03:31:30.150 | -0.4 | T__ | 11.9 | ___ | ML | 2.3 | 6173748 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JOS | 3.54 | 47.9 | Pn | 03:31:35.627 | -0.5 | T__ | 35.7 | ___ | ML | 3.0 | 6173749 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MORC | 3.65 | 9.8 | Pn | 03:31:38.003 | 0.1 | T__ | 46.2 | ___ | ML | 3.2 | 6173750 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=0) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/02/05 | 08:36:20.99 | 1.16 | 1.25 | 48.0551 | 20.6763 | 11.7 | 4.4 | 154 | 0.0f | | 8 | 6 | 166 | 0.45 | 1.31 | kx | BUD | 17000370 | BUD | | | 195 |
| 2021/02/05 | 08:36:21.08 | 0.99 | 0.78 | 48.0750 | 20.6990f | | | | 0.0f | | 8 | 6 | 164 | 0.42 | 1.31 | kx | BUD_GT | 17000371 | BUD_GT | | | 192 |

(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID | Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|-----|------|--------|--------|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| | | | | | ABAH | 0.42 | 58.4 | Pg | 08:36:30.841 | 1.0 | | | | | T__ | | 63.6 | | ___ | ML | 1.3 | 6174544 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | | ABAH | 0.42 | 58.4 | Lg | 08:36:36.130 | -1.2 | | | | | T__ | | | | --- | | | 6174545 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | KECS | 0.43 | 340.8 | Lg | 08:36:36.875 | 0.2 | | | | | T__ | | | | --- | | | 6174546 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ |
| | | | | | PSZ | 0.56 | 254.1 | Pg | 08:36:32.554 | -0.7 | | | | | T__ | | 48.6 | | ___ | ML | 1.5 | 6174548 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | | PSZ | 0.56 | 254.1 | Lg | 08:36:41.644 | -0.5 | | | | | T__ | | | | --- | | | 6174547 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | ET1H | 0.59 | 250.9 | Lg | 08:36:41.793 | -0.9 | | | | | T__ | | | | --- | | | 6174549 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |

TRPA 1.23 86.7 Sn 08:37:02.504 -0.6 T__ --- 6174550 FDSN HU -- BUD iLoc HHN ??? _
 VYHS 1.31 289.3 Lg 08:37:06.528 0.1 T__ --- 6174551 FDSN SK -- BUD iLoc HHE ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/02/05 09:48:26.48 0.87 0.97 47.0639 17.9899 5.2 2.9 107 0.0f 20 12 87 0.18 1.81 sx BUD 17000372 BUD 150

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 8 BUD 17000372

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TIH | 0.18 | 202.1 | Pg | 09:48:31.327 | 0.7 | | | | | T__ | | 1414.5 | | --- | ML | 1.9 | 6174619 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 0.18 | 202.1 | Lg | 09:48:32.519 | -1.5 | | | | | T__ | | | | --- | | 6174620 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.28 | 32.2 | Pg | 09:48:33.074 | 0.4 | | | | | T__ | | 126.5 | | --- | ML | 1.2 | 6174633 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.28 | 32.2 | Lg | 09:48:36.997 | -1.0 | | | | | T__ | | | | --- | | 6174632 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.33 | 289.2 | Lg | 09:48:37.897 | -1.2 | | | | | T__ | | | | --- | | 6174627 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MSW3 | 0.33 | 16.2 | Pg | 09:48:34.533 | 0.9 | | | | | T__ | | 145.8 | | --- | ML | 1.4 | 6174635 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.33 | 16.2 | Lg | 09:48:38.858 | -0.8 | | | | | T__ | | | | --- | | 6174634 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.35 | 31.5 | Pg | 09:48:34.734 | 0.7 | | | | | T__ | | 135.0 | | --- | ML | 1.4 | 6174636 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.35 | 31.5 | Lg | 09:48:39.523 | -1.0 | | | | | T__ | | | | --- | | 6174622 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A267A | 0.36 | 109.1 | Lg | 09:48:39.746 | -0.6 | | | | | T__ | | | | --- | | 6174621 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU08A | 0.37 | 353.0 | Pg | 09:48:35.201 | 0.8 | | | | | T__ | | 119.1 | | --- | ML | 1.4 | 6174624 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.37 | 353.0 | Lg | 09:48:40.417 | -0.5 | | | | | T__ | | | | --- | | 6174623 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.38 | 29.0 | Pg | 09:48:34.935 | 0.4 | | | | | T__ | | 164.7 | | --- | ML | 1.6 | 6174637 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.38 | 29.0 | Lg | 09:48:40.266 | -1.1 | | | | | T__ | | | | --- | | 6174638 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.96 | 151.8 | Pn | 09:48:46.750 | 0.9 | | | | | T__ | | 35.4 | | --- | ML | 1.6 | 6174625 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.96 | 151.8 | Sn | 09:48:59.577 | -1.6 | | | | | T__ | | | | --- | | 6174628 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.98 | 175.5 | Pg | 09:48:47.048 | 0.8 | | | | | T__ | | 45.3 | | --- | ML | 1.7 | 6174626 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.98 | 175.5 | Sn | 09:49:00.769 | -0.8 | | | | | T__ | | | | --- | | 6174629 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.55 | 55.8 | Sn | 09:49:16.564 | 0.1 | | | | | T__ | | | | --- | | 6174630 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| JAVC | 1.81 | 353.3 | Sn | 09:49:24.238 | 0.7 | | | | | T__ | | | | --- | | 6174631 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/02/05 10:12:19.40 2.51 0.39 47.0081 18.3524 38.3 14.3 75 0.0f 8 4 347 0.31 0.41 sx BUD 17000374 BUD 351

Magnitude Err Nsta Author OrigID
 ML 1.4 0.1 4 BUD 17000374

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|-----|------|------|-----|-----|---|
| MSW2 | 0.31 | 341.9 | Pn | 10:12:30.682 | -0.5 | | | | | T__ | | 242.1 | --- | ML | 1.5 | 6174674 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.31 | 341.9 | Lg | 10:12:31.956 | 0.0 | | | | | T__ | | | --- | | 6174675 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.36 | 350.0 | Pn | 10:12:31.905 | 0.0 | | | | | T__ | | 130.8 | --- | ML | 1.4 | 6174677 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.36 | 350.0 | Lg | 10:12:33.893 | 0.2 | | | | | T__ | | | --- | | 6174676 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.39 | 350.6 | Pn | 10:12:32.772 | 0.5 | | | | | T__ | | 71.8 | --- | ML | 1.2 | 6174678 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.39 | 350.6 | Lg | 10:12:34.301 | -0.4 | | | | | T__ | | | --- | | 6174679 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.41 | 337.7 | Pn | 10:12:32.517 | 0.0 | | | | | T__ | | 100.1 | --- | ML | 1.4 | 6174681 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.41 | 337.7 | Lg | 10:12:35.372 | 0.3 | | | | | T__ | | | --- | | 6174680 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/05 | 10:22:49.92 | 0.86 | 1.09 | 48.2269 | 18.8038 | 4.7 | 3.8 | 115 | 0.0f | | 16 | 10 | 71 | 0.27 | 1.19 | sx | BUD | 17000376 | BUD | | | 125 |

Magnitude Err Nsta Author OrigID
 ML 1.8 0.2 6 BUD 17000376

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|------|--------|-----|------|------|-----|-----|---|
| VYHS | 0.27 | 4.6 | Pg | 10:22:55.966 | 0.4 | | | | | T__ | | 88.9 | --- | ML | 1.0 | 6174718 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.27 | 4.6 | Lg | 10:22:59.990 | 0.1 | | | | | T__ | | | --- | | 6174719 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A338A | 0.37 | 235.2 | Lg | 10:23:04.013 | -0.0 | | | | | T__ | | | --- | | 6174720 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| HU10A | 0.41 | 159.2 | Lg | 10:23:03.715 | -1.7 | | | | | T__ | | | --- | | 6174721 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.79 | 112.5 | Lg | 10:23:18.615 | -0.2 | | | | | T__ | | | --- | | 6174722 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| JAVC | 0.98 | 310.5 | Pg | 10:23:10.048 | 0.1 | | | | | T__ | | 81.4 | --- | ML | 2.0 | 6174723 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.99 | 217.0 | Pg | 10:23:11.612 | 2.0 | | | | | T__ | | 72.6 | --- | ML | 1.9 | 6174724 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.99 | 217.0 | Lg | 10:23:23.905 | -1.2 | | | | | T__ | | | --- | | 6174725 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.03 | 278.8 | Pg | 10:23:10.867 | 0.1 | | | | | T__ | | | --- | | 6174726 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 1.03 | 278.8 | Lg | 10:23:25.097 | -1.3 | | | | | T__ | | | --- | | 6174727 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| KECS | 1.15 | 76.5 | Pn | 10:23:12.059 | -0.2 | | | | | T__ | | 81.0 | --- | ML | 2.0 | 6174728 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 1.15 | 76.5 | Sn | 10:23:29.195 | -0.9 | | | | | T__ | | | --- | | 6174729 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.16 | 94.6 | Pn | 10:23:12.655 | 0.2 | | | | | T__ | | 34.7 | --- | ML | 1.7 | 6174731 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.16 | 94.6 | Sn | 10:23:28.599 | -1.8 | | | | | T__ | | | --- | | 6174730 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

JOS 1.19 76.3 Pn 10:23:13.549 0.8 T__ 27.9 ___ ML 1.6 6174732 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 1.19 76.3 Sn 10:23:29.940 -1.0 T__ ___ 6174733 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/02/05 | 12:35:44.42 | 1.25 | 1.05 | 46.1464 | 16.3688 | 10.7 | 5.8 | 133 | 0.0f | 7 | 7 | 137 | 0.31 | 2.03 | sx | BUD | 17000378 | BUD | | | | 187 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.5 | 3 BUD | 17000378 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| KOGS | 0.31 | 344.8 | Lg | 12:35:55.256 | -0.4 | | | | | T__ | | | | | | 6174772 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| PTJ | 0.37 | 229.5 | Lg | 12:35:56.746 | -1.2 | | | | | T__ | | | | | | 6174773 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| BEHE | 0.43 | 40.9 | Lg | 12:35:58.907 | -1.1 | | | | | T__ | | | | | | 6174774 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| CRES | 0.71 | 243.6 | Pg | 12:35:58.832 | 0.6 | | | | | T__ | | 46.8 | | | ___ ML | 1.6 6174775 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.21 | 92.1 | Lg | 12:36:24.461 | -0.0 | | | | | T__ | | | | | | 6174776 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| OBKA | 1.31 | 286.7 | Pg | 12:36:09.751 | 0.3 | | | | | T__ | | 47.2 | | | ___ ML | 1.9 6174777 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 2.03 | 42.0 | Pg | 12:36:24.597 | 1.1 | | | | | T__ | | 484.3 | | | ___ ML | 3.3 6174778 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/02/05 | 13:41:09.68 | 2.43 | 0.77 | 46.8842 | 22.8450 | 35.7 | 8.8 | 151 | 0.0f | 8 | 7 | 129 | 0.13 | 2.00 | sx | BUD | 17000380 | BUD | | | | | 206 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| DRGR | 0.13 | 224.8 | Pg | 13:41:12.880 | 0.2 | | | | | T__ | | 448.3 | | | ___ ML | 1.3 6174801 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.13 | 224.8 | Lg | 13:41:15.041 | -0.2 | | | | | T__ | | | | | | 6174802 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 1.02 | 233.4 | Lg | 13:41:43.352 | -1.5 | | | | | T__ | | | | | | 6174803 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ |
| ARCR | 1.05 | 78.4 | Lg | 13:41:44.917 | -0.3 | | | | | T__ | | | | | | 6174804 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ |
| GZR | 1.49 | 181.8 | Sn | 13:41:58.402 | 0.1 | | | | | T__ | | | | | | 6174805 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ |
| BZS | 1.53 | 214.4 | Sn | 13:41:58.625 | 0.1 | | | | | T__ | | | | | | 6174806 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| LOT | 1.57 | 155.6 | Sn | 13:42:00.190 | -0.6 | | | | | T__ | | | | | | 6174807 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| HU02A | 2.00 | 309.1 | Sn | 13:42:09.801 | -0.3 | | | | | T__ | | | | | | 6174808 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/02/06 | 05:02:21.54 | 1.45 | 0.33 | 47.4477 | 18.2783 | 6.8 | 4.8 | 116 | 5.1 | 13.7 | 9 | 5 | 167 | 0.06 | 0.20 | ke | BUD | 17000382 | BUD | | | | 310 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.6 | 0.3 | 4 BUD | 17000382 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.06 | 193.5 | Pg | 05:02:23.508 | 0.2 | | | | | T__ | | 219.9 | | --- | ML | 0.8 | 6176910 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.06 | 193.5 | Lg | 05:02:24.646 | -0.3 | | | | | T__ | | | | --- | | 6176912 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.09 | 188.1 | Pg | 05:02:24.029 | 0.3 | | | | | T__ | | 210.7 | | --- | ML | 0.9 | 6176909 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 188.1 | Lg | 05:02:25.422 | -0.4 | | | | | T__ | | | | --- | | 6176916 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.12 | 238.0 | Pg | 05:02:24.535 | 0.2 | | | | | T__ | | 46.2 | | _d | ML | 0.3 | 6176913 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.12 | 238.0 | Lg | 05:02:26.786 | -0.1 | | | | | T__ | | | | --- | | 6176911 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.15 | 197.5 | Pg | 05:02:25.143 | 0.2 | | | | | T__ | | 51.6 | | --- | ML | 0.4 | 6176917 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.15 | 197.5 | Lg | 05:02:27.664 | -0.3 | | | | | T__ | | | | --- | | 6176914 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.20 | 20.2 | Lg | 05:02:29.321 | -0.3 | | | | | T__ | | | | --- | | 6176915 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|--|
| 2021/02/06 | 09:30:08.60 | 0.94 | 0.87 | 48.0245 | 19.6442 | 4.9 | 3.3 | 146 | 0.0f | | 12 | 8 | 99 | 0.12 | 0.76 | kx | BUD | 17000384 | BUD | | | 163 | | |
| 2021/02/06 | 09:30:08.60 | 0.90 | 0.90 | 48.0061 | 19.6278f | | | | 0.0f | | 12 | 8 | 96 | 0.10 | 0.78 | kx | BUD_GT | 17000385 | BUD_GT | | | 161 | | |
| (locality : Nagylóc Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.6 | 0.1 | 5 BUD_GT | 17000385 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU03A | 0.10 | 190.5 | Pg | 09:30:12.141 | 0.9 | | | | | T__ | | 917.6 | | --- | ML | 1.6 | 6176949 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.10 | 190.5 | Lg | 09:30:14.041 | 0.7 | | | | | T__ | | | | --- | | 6176950 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.20 | 116.0 | Pg | 09:30:13.668 | 0.3 | | | | | T__ | | 582.7 | | --- | ML | 1.6 | 6176951 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.20 | 116.0 | Lg | 09:30:15.754 | -1.5 | | | | | T__ | | | | --- | | 6176952 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.21 | 127.7 | Pg | 09:30:14.022 | 0.6 | | | | | T__ | | 198.8 | | --- | ML | 1.2 | 6176958 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.44 | 248.8 | Lg | 09:30:25.048 | -0.2 | | | | | T__ | | | | --- | | 6176959 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 0.61 | 78.7 | Pg | 09:30:21.417 | -0.1 | | | | | T__ | | 85.3 | | --- | ML | 1.8 | 6176953 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.61 | 78.7 | Lg | 09:30:29.798 | -1.5 | | | | | T__ | | | | --- | | 6176954 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.72 | 313.0 | Lg | 09:30:32.741 | -1.2 | | | | | T__ | | | | --- | | 6176955 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.75 | 49.9 | Lg | 09:30:34.883 | 0.0 | | | | | T__ | | | | --- | | 6176960 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.78 | 50.9 | Pg | 09:30:24.620 | 0.4 | | | | | T__ | | 34.9 | | --- | ML | 1.5 | 6176957 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.78 | 50.9 | Lg | 09:30:35.088 | -1.0 | | | | | T__ | | | | --- | | 6176956 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/06 | 20:22:06.50 | 2.36 | 0.97 | 48.6544 | 20.2444 | 17.8 | 8.9 | 143 | 14.8 | 15.8 | 13 | 9 | 115 | 0.23 | 1.00 | ke | BUD | 17000388 | BUD | | | 217 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.5 | 4 BUD | 17000388 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.23 | 136.8 | Pg | 20:22:12.354 | 0.4 | | | | | T__ | | 84.8 | | ___ | ML | 0.9 | 6179129 | FDSN | SK | -- | BUD | iLoc | EHN | EHZ | _ |
| KECS | 0.23 | 136.8 | Lg | 20:22:15.115 | -0.8 | | | | | T__ | | | | --- | | 6179125 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.25 | 128.9 | Pg | 20:22:12.433 | 0.2 | | | | | T__ | | 38.4 | | ___ | ML | 0.6 | 6179123 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.25 | 128.9 | Lg | 20:22:16.084 | -0.3 | | | | | T__ | | | | --- | | 6179124 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.56 | 160.5 | Pn | 20:22:19.586 | 0.6 | | | | | T__ | | 34.0 | | ___ | ML | 1.3 | 6179126 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.56 | 160.5 | Lg | 20:22:26.920 | 0.0 | | | | | T__ | | | | --- | | 6179130 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.75 | 118.1 | Sn | 20:22:32.498 | -1.2 | | | | | T__ | | | | --- | | 6179134 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| NIE | 0.77 | 2.7 | Sn | 20:22:32.321 | -2.3 | | | | | T__ | | | | --- | | 6179131 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |
| PSZ | 0.77 | 197.7 | Pg | 20:22:22.342 | -0.5 | | | | | T__ | | 41.6 | | --- | ML | 1.5 | 6179127 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.77 | 197.7 | Lg | 20:22:34.039 | -0.1 | | | | | T__ | | | | --- | | 6179128 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.81 | 197.9 | Lg | 20:22:35.227 | 0.2 | | | | | T__ | | | | --- | | 6179132 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.95 | 260.8 | Sn | 20:22:39.129 | 0.2 | | | | | T__ | | | | --- | | 6179135 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| TENKA | 1.00 | 176.0 | Lg | 20:22:41.075 | 0.2 | | | | | T__ | | | | --- | | 6179133 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/06 | 22:09:16.12 | 1.09 | 0.89 | 48.1765 | 20.2773 | 8.8 | 4.2 | 152 | 10.0f | | 5 | 3 | 163 | 0.17 | 0.36 | ke | BUD | 17000390 | BUD | | | 280 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.17 | 108.0 | Pg | 22:09:20.761 | 0.3 | | | | | T__ | | 31.0 | | ___ | ML | 0.3 | 6179157 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.17 | 108.0 | Lg | 22:09:23.518 | -0.4 | | | | | T__ | | | | --- | | 6179158 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.36 | 225.0 | Pg | 22:09:24.784 | 0.5 | | | | | T__ | | 48.4 | | ___ | ML | 1.0 | 6179159 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.36 | 225.0 | Lg | 22:09:29.283 | -0.9 | | | | | T__ | | | | --- | | 6179161 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.36 | 28.6 | Lg | 22:09:28.836 | -0.4 | | | | | T__ | | | | --- | | 6179160 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/07 | 15:07:04.90 | 3.49 | 1.21 | 45.6626 | 18.0851 | 23.0 | 8.2 | 169 | 6.1 | 12.9 | 11 | 7 | 277 | 0.32 | 1.24 | ke | BUD | 17000392 | BUD | | | 288 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

ML 1.7 0.3 5 BUD 17000392

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| A273A | 0.32 | 323.5 | Pg | 15:07:11.565 | 0.1 | | | | | T__ | | 309.3 | | --- | ML | 1.7 | 6181005 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A273A | 0.32 | 323.5 | Lg | 15:07:15.852 | -0.0 | | | | | T__ | | | | --- | | 6181002 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.43 | 1.4 | Pg | 15:07:14.064 | 0.4 | | | | | T__ | | 47.9 | | _d_ | ML | 1.2 | 6181006 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 0.43 | 1.4 | Lg | 15:07:19.276 | -0.5 | | | | | T__ | | | | --- | | 6181007 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.68 | 35.0 | Pn | 15:07:19.242 | -0.2 | | | | | T__ | | 38.5 | | --- | ML | 1.5 | 6181003 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 0.68 | 35.0 | Lg | 15:07:27.586 | -0.7 | | | | | T__ | | | | --- | | 6181004 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.75 | 312.1 | Sn | 15:07:29.539 | -2.9 | | | | | T__ | | | | --- | | 6181008 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | |
| A263A | 1.12 | 331.6 | Pg | 15:07:26.615 | 0.0 | | | | | T__ | | 341.6 | | --- | ML | 2.7 | 6181009 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A263A | 1.12 | 331.6 | Lg | 15:07:41.791 | 0.7 | | | | | T__ | | | | --- | | 6181010 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A272A | 1.24 | 29.2 | Sn | 15:07:45.471 | 0.7 | | | | | T__ | | | | --- | | 6181012 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| TIH | 1.24 | 353.9 | Pg | 15:07:29.257 | 0.3 | | | | | T__ | | 298.1 | | --- | ML | 2.7 | 6181011 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/07 | 15:30:31.38 | 4.79 | 0.51 | 45.7311 | 18.0059 | 61.6 | 30.1 | 85 | 15.0f | | 4 | 2 | 328 | 0.36 | 0.66 | ke | BUD | 17000394 | BUD | | | 360 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| KOVH | 0.36 | 10.4 | Pg | 15:30:39.182 | 0.0 | | | | | T__ | | 63.1 | | --- | ML | 1.1 | 6181037 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 0.36 | 10.4 | Lg | 15:30:44.471 | -0.1 | | | | | T__ | | | | --- | | 6181038 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.66 | 42.4 | Pn | 15:30:44.471 | -0.2 | | | | | T__ | | 44.8 | | --- | ML | 1.5 | 6181040 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 0.66 | 42.4 | Sn | 15:30:55.572 | 0.5 | | | | | T__ | | | | --- | | 6181039 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/07 | 18:39:13.23 | 1.48 | 0.35 | 45.7016 | 18.0446 | 8.8 | 6.3 | 164 | 2.0f | | 10 | 6 | 173 | 0.27 | 1.13 | ke | BUD | 17000396 | BUD | | | 284 |

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 5 BUD 17000396

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| A273A | 0.27 | 323.4 | Pg | 18:39:18.582 | -0.2 | | | | | T__ | | 312.6 | | --- | ML | 1.5 | 6181066 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A273A | 0.27 | 323.4 | Lg | 18:39:22.866 | 0.3 | | | | | T__ | | | | --- | | 6181067 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.5 magdef=1
KOVH 0.39 5.7 Pg 18:39:21.078 -0.2 T__ 55.2 _d ML 1.1 6181068 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.39 5.7 Lg 18:39:26.480 -0.3 T__ --- 6181069 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
MORH 0.66 38.9 Pg 18:39:26.368 -0.0 T__ 60.1 _d ML 1.6 6181070 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.66 38.9 Lg 18:39:35.747 -0.4 T__ --- 6181074 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A265A 0.74 346.6 Pg 18:39:28.268 0.2 T__ 208.7 ___ ML 2.2 6181072 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.74 346.6 Lg 18:39:38.363 0.2 T__ --- 6181071 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
A266A 0.84 10.4 Pg 18:39:30.503 0.6 T__ 153.9 ___ ML 2.2 6181073 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BLY 1.13 212.9 Lg 18:39:49.623 0.1 T__ --- 6181075 FDSN MN -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/08 09:33:35.83 1.20 1.21 48.5341 20.7691 9.1 3.8 4 0.0f 18 10 86 0.20 1.29 sx BUD 17000398 BUD 158

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.3 8 BUD 17000398

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.20 255.0 Pg 09:33:40.132 0.2 T__ 756.7 ___ ML 1.7 6182064 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.20 255.0 Lg 09:33:43.485 0.3 T__ --- 6182063 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.39 127.0 Pg 09:33:44.230 0.3 T__ 79.5 ___ ML 1.3 6182065 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 127.0 Lg 09:33:50.860 0.0 T__ --- 6182066 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.44 201.7 Pg 09:33:45.422 0.2 T__ 50.6 ___ ML 1.2 6182070 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.44 201.7 Lg 09:33:52.351 -0.2 T__ --- 6182071 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
PSZ 0.85 223.8 Pn 09:33:53.096 -1.0 T__ 93.7 ___ ML 1.9 6182069 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.85 223.8 Lg 09:34:06.953 0.4 T__ --- 6182068 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.89 222.8 Pn 09:33:53.990 -0.5 T__ 35.0 ___ ML 1.5 6182072 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.89 222.8 Lg 09:34:06.879 -0.6 T__ --- 6182073 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
NIE 0.94 340.9 Pn 09:33:55.778 0.4 T__ 97.0 ___ ML 2.0 6182067 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.94 340.9 Sn 09:34:07.698 -3.5 T__ --- 6182074 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU03A 1.00 231.5 Sn 09:34:10.902 -1.1 T__ --- 6182080 FDSN ZJ 00 BUD iLoc HHE ??? _
KOLS 1.07 67.6 Sn 09:34:12.615 -2.0 T__ --- 6182075 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.25 108.2 Pg 09:33:59.875 -0.0 T__ ___ ML 2.1 6182077 FDSN HU -- BUD iLoc HHZ HHZ _

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```

TRPA  1.25 108.2 Sn      09:34:17.011 -1.4      T__          ---          6182076  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=0
VYHS  1.29 268.9 Pn      09:34:00.099 -0.1      T__          24.5        --- ML      1.6 6182078  FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS  1.29 268.9 Sn      09:34:18.799 -0.7      T__          ---          6182079  FDSN SK      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/02/08 09:45:00.03  1.47  0.55 46.1165  18.0576 12.3  4.8 152  0.0f      5   3 216  0.04  0.42  kx BUD      17000400    BUD          302
2021/02/08 09:44:59.68  1.03  0.67 46.1204  18.0243f 0.0f      5   3 221  0.06  0.44  kx BUD_GT   17000401    BUD_GT       316
(locality : Bükkösd Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author      OrigID
ML      1.6 0.1   3 BUD_GT      17000401

```

```

Sta  Dist EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
KOVH  0.06 121.4 Pg      09:45:01.699  0.1      T__          1219.7        --- ML      1.6 6182111  FDSN HU      -- BUD  iLoc  HHZ HHZ _
KOVH  0.06 121.4 Lg      09:45:03.077 -0.4      T__          ---          6182112  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
A273A 0.25 215.5 Pg      09:45:05.852  0.6      T__          748.4        --- ML      1.9 6182113  FDSN Z3      00 BUD  iLoc  HHZ HHZ _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
MORH  0.44 77.4 Pg      09:45:09.112  0.2      T__          98.6         --- ML      1.5 6182114  FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH  0.44 77.4 Lg      09:45:14.960 -1.1      T__          ---          6182115  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/02/08 10:10:50.19  0.89  1.04 47.5485  18.4404  4.7  2.7 114  0.0f      18  13 74  0.10  1.34  kx BUD      17000402    BUD          113
2021/02/08 10:10:50.10  0.86  1.06 47.5600  18.4573f 0.0f      18  13 73  0.09  1.35  kx BUD_GT   17000403    BUD_GT       112
(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author      OrigID
ML      1.4 0.0   5 BUD_GT      17000403

```

```

Sta  Dist EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU09A 0.09 327.2 Pg      10:10:53.539  1.0      T__          1918.7        --- ML      1.8 6182173  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU09A 0.09 327.2 Lg      10:10:54.545 -0.3      T__          ---          6182174  FDSN ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=0
MSW1  0.21 218.9 Pg      10:10:55.527  0.6      T__          291.3        --- ML      1.4 6182186  FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW1  0.21 218.9 Lg      10:10:57.847 -1.4      T__          ---          6182187  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.4 magdef=1
(Station ML:  1.4 magdef=0
CSKK  0.24 214.2 Pg      10:10:55.998  0.6      T__          417.3        --- ML      1.6 6182175  FDSN HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.24 214.2 Lg      10:10:58.382 -1.6      T__          ---          6182176  FDSN HU      -- BUD  iLoc  HHN ??? _

```

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MSW3 0.29 231.9 Lg 10:10:59.741 -1.8 T__ --- 6182188 FDSN HU -- BUD iLoc HHE ??? _
MSW2 0.31 213.1 Pg 10:10:57.658 1.0 T__ 189.8 --- ML 1.4 6182189 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.31 213.1 Lg 10:11:01.351 -1.0 T__ --- 6182190 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A 0.38 250.6 Lg 10:11:02.964 -1.9 T__ --- 6182177 FDSN ZJ 00 BUD iLoc HHE ??? _
BUD 0.39 101.0 Lg 10:11:04.826 -0.5 T__ --- 6182178 FDSN HU -- BUD iLoc HHN ??? _
MPLH 0.74 238.3 Lg 10:11:15.162 -0.9 T__ --- 6182185 FDSN HU -- BUD iLoc HHN ??? _
VYHS 0.97 15.1 Pn 10:11:10.489 0.4 T__ 23.5 --- ML 1.4 6182180 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.97 15.1 Lg 10:11:23.974 -0.0 T__ --- 6182179 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 1.01 71.0 Lg 10:11:25.836 -0.3 T__ --- 6182181 FDSN HU -- BUD iLoc HHE ??? _
PSZ 1.03 69.2 Lg 10:11:27.177 -0.3 T__ --- 6182182 FDSN GE -- BUD iLoc HHE ??? _
MODS 1.14 316.2 Sn 10:11:28.593 -1.6 T__ --- 6182183 FDSN SK -- BUD iLoc HHE ??? _
MORH 1.35 174.5 Sn 10:11:34.181 -0.4 T__ --- 6182184 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/08 12:21:17.53 2.37 1.30 47.8418 20.1658 19.9 4.3 160 0.0f 8 5 240 0.20 0.70 sx BUD 17000404 BUD 259

```

```

Magnitude Err Nsta Author OrigID
ML 1.0 0.0 4 BUD 17000404

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.20 292.9 Pg 12:21:22.731 0.4 T__ 137.2 --- ML 1.0 6182220 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.20 292.9 Lg 12:21:25.509 -0.7 T__ --- 6182224 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
ET1H 0.20 280.8 Pg 12:21:22.433 0.2 T__ 119.6 --- ML 0.9 6182221 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
HU02A 0.37 40.6 Pg 12:21:25.676 0.1 T__ 41.6 _c_ ML 0.9 6182226 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.37 40.6 Lg 12:21:30.873 -1.0 T__ --- 6182225 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KECS 0.68 18.3 Pg 12:21:32.864 1.7 T__ 78.7 --- ML 1.8 6182222 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.68 18.3 Lg 12:21:39.644 -1.8 T__ --- 6182223 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 0.70 20.8 Lg 12:21:42.868 0.6 T__ --- 6182227 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/08 13:44:33.56 1.03 0.77 45.5908 16.0462 7.1 4.3 38 3.0f 32 21 163 0.24 3.78 ke BUD 17000406 BUD 225

```

```

Magnitude Err Nsta Author OrigID
ML 2.7 0.2 17 BUD 17000406

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ZAG | 0.24 | 350.1 | Pg | 13:44:38.264 | -0.2 | T__ | 2248.3 | ___ | ML | 2.3 | 6182343 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.24 | 350.1 | Lg | 13:44:41.990 | 0.1 | T__ | | --- | | | 6182344 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.32 | 350.2 | Pg | 13:44:39.256 | -1.0 | T__ | 348.8 | ___ | ML | 1.7 | 6182352 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.32 | 350.2 | Lg | 13:44:44.150 | -1.1 | T__ | | --- | | | 6182345 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CRES | 0.48 | 299.9 | Pg | 13:44:42.884 | 0.1 | T__ | 151.3 | ___ | ML | 1.8 | 6182346 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.48 | 299.9 | Lg | 13:44:50.259 | 0.5 | T__ | | --- | | | 6182347 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.87 | 9.3 | Pg | 13:44:50.781 | 0.2 | T__ | 501.8 | ___ | ML | 2.7 | 6182348 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.87 | 9.3 | Lg | 13:45:02.799 | 1.1 | T__ | | --- | | | 6182353 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.02 | 29.8 | Pg | 13:44:53.426 | 0.1 | T__ | 348.7 | ___ | ML | 2.6 | 6182349 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 1.02 | 29.8 | Sn | 13:45:07.903 | -1.1 | T__ | | --- | | | 6182354 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A264A | 1.04 | 56.3 | Pg | 13:44:53.412 | -0.3 | T__ | 490.3 | ___ | ML | 2.8 | 6182356 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 1.04 | 56.3 | Lg | 13:45:07.567 | -0.4 | T__ | | --- | | | 6182355 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BLY | 1.16 | 135.9 | Pg | 13:44:55.312 | -0.3 | T__ | 211.6 | ___ | ML | 2.5 | 6182357 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 1.16 | 135.9 | Lg | 13:45:11.330 | 0.4 | T__ | | --- | | | 6182358 | FDSN | MN | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A273A | 1.28 | 74.7 | Lg | 13:45:14.473 | -0.7 | T__ | | --- | | | 6182350 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A262A | 1.32 | 14.5 | Sn | 13:45:15.997 | -0.0 | T__ | | --- | | | 6182368 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A263A | 1.37 | 39.6 | Lg | 13:45:18.332 | -0.0 | T__ | | --- | | | 6182369 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| OBKA | 1.39 | 311.9 | Pg | 13:44:59.386 | -0.0 | T__ | 264.8 | ___ | ML | 2.7 | 6182351 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.39 | 311.9 | Lg | 13:45:18.557 | 0.1 | T__ | | --- | | | 6182359 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.52 | 70.2 | Pn | 13:45:01.346 | 0.5 | T__ | 115.2 | ___ | ML | 2.4 | 6182361 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.52 | 70.2 | Sn | 13:45:20.717 | -0.3 | T__ | | --- | | | 6182360 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| AO11B | 1.82 | 358.1 | Pn | 13:45:06.115 | 0.8 | T__ | 96.4 | ___ | ML | 2.5 | 6182362 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| AO11B | 1.82 | 358.1 | Sn | 13:45:29.956 | 1.6 | T__ | | --- | | | 6182363 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.89 | 32.7 | Pn | 13:45:06.436 | 0.4 | T__ | 95.8 | ___ | ML | 2.5 | 6182370 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MORH | 1.92 | 70.1 | Pg | 13:45:09.840 | 0.1 | T__ | 129.7 | ___ | ML | 2.7 | 6182365 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.92 | 70.1 | Sn | 13:45:31.744 | 1.1 | T__ | | --- | | | 6182364 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| AO18A | 2.25 | 343.1 | Pg | 13:45:16.545 | 1.8 | T__ | 79.1 | ___ | ML | 2.7 | 6182366 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|----|--------------|------|-----|--------|-----|----|-----|---------|------|----|---------|------|------|-----|-----|------|-----|-----|---|
| CONA | 2.34 | 357.0 | Lg | 13:45:50.220 | 1.7 | T__ | | | | | | | | 6182367 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| A004A | 2.39 | 5.7 | Pn | 13:45:13.344 | 0.3 | T__ | 1248.8 | --- | ML | 3.9 | 6182371 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | | |
| | (Reading ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| HU04A | 2.68 | 61.6 | Pn | 13:45:16.693 | -0.0 | T__ | 226.0 | --- | ML | 3.3 | 6182372 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | | |
| | (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A006A | 3.15 | 359.7 | Pn | 13:45:23.892 | 0.1 | T__ | 133.6 | --- | ML | 3.4 | 6182373 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | | |
| | (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| HU24A | 3.78 | 67.8 | Pn | 13:45:32.560 | 0.4 | T__ | 253.9 | --- | ML | 4.0 | 6182374 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | | |
| | (Reading ML: 4.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 4.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/08 | 23:06:58.48 | 0.77 | 1.02 | 45.7189 | 17.9666 | 5.4 | 3.9 | 14 | 0.9 | 2.3 | 78 | 44 | 97 | 0.22 | 2.84 | ke | BUD | 17000408 | BUD | | | 161 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.7 | 0.2 | 40 BUD | 17000408 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|--------|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A273A | 0.22 | 332.0 | Pg | 23:07:04.201 | 1.0 | | | | | T__ | | 3380.2 | | _d | ML | 2.5 | 6183448 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.22 | 332.0 | Lg | 23:07:08.225 | 1.8 | | | | | T__ | | | | --- | | 6183449 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.38 | 14.1 | Pg | 23:07:06.679 | 0.3 | | | | | T__ | 1265.2 | | _d | ML | 2.5 | 6183451 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 0.38 | 14.1 | Lg | 23:07:11.913 | 0.0 | | | | | T__ | | | | --- | | 6183450 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.65 | 313.3 | Pn | 23:07:11.987 | -1.5 | | | | | T__ | 972.3 | | --- | ML | 2.8 | 6183452 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A264A | 0.65 | 313.3 | Sn | 23:07:21.449 | -3.1 | | | | | T__ | | | | --- | | 6183453 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| | (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.68 | 43.3 | Pg | 23:07:11.913 | -0.3 | | | | | T__ | 509.0 | | _d | ML | 2.6 | 6183455 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 0.68 | 43.3 | Lg | 23:07:21.151 | -1.1 | | | | | T__ | | | | --- | | 6183454 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| | (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.72 | 350.5 | Pn | 23:07:13.328 | -1.0 | | | | | T__ | 1429.3 | | _d | ML | 3.1 | 6183456 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A265A | 0.72 | 350.5 | Sn | 23:07:23.647 | -2.5 | | | | | T__ | | | | --- | | 6183457 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| | (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.83 | 14.3 | Pg | 23:07:15.638 | 0.5 | | | | | T__ | 1781.1 | | --- | ML | 3.2 | 6183458 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| | (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 1.01 | 52.7 | Pg | 23:07:18.394 | -0.1 | | | | | T__ | 1148.9 | | --- | ML | 3.1 | 6183462 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| | (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 1.03 | 334.1 | Pg | 23:07:18.320 | -0.6 | | | | | T__ | 1111.5 | | --- | ML | 3.1 | 6183461 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A263A | 1.03 | 334.1 | Sn | 23:07:32.654 | -1.1 | | | | | T__ | | | | --- | | 6183491 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| | (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| BLY | 1.12 | 210.0 | Pg | 23:07:19.773 | -0.4 | | | | | T__ | 579.9 | | --- | ML | 2.9 | 6183459 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|---------|------|---------|------|-----|------|-----|------|-----|-----|---|
| BLY | 1.12 | 210.0 | Sn | 23:07:34.822 | -1.5 | T__ | | | 6183460 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.12 | 312.6 | Pg | 23:07:19.624 | -0.9 | T__ | 692.5 | --- | ML | 3.0 | 6183463 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 1.12 | 312.6 | Lg | 23:07:35.559 | 0.3 | T__ | | --- | | | 6183492 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TIH | 1.18 | 357.6 | Pg | 23:07:20.816 | -1.0 | T__ | 952.3 | --- | ML | 3.1 | 6183464 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 1.18 | 357.6 | Pb | 23:07:22.157 | 0.3 | T__ | | --- | | | 6183465 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A272A | 1.24 | 33.7 | Pg | 23:07:22.939 | -0.2 | T__ | 343.4 | --- | ML | 2.7 | 6183466 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A267A | 1.28 | 16.0 | Pg | 23:07:24.019 | 0.4 | T__ | 261.6 | --- | ML | 2.6 | 6183467 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A261A | 1.36 | 335.6 | Pn | 23:07:23.312 | 0.0 | T__ | 305.9 | --- | ML | 2.7 | 6183471 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU21A | 1.37 | 62.8 | Pg | 23:07:25.249 | 0.1 | T__ | 238.2 | --- | ML | 2.6 | 6183468 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU21A | 1.37 | 62.8 | Lg | 23:07:45.021 | 0.2 | T__ | | --- | | | 6183493 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOGS | 1.40 | 302.0 | Pn | 23:07:23.014 | -1.1 | T__ | 241.4 | --- | ML | 2.7 | 6183474 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 1.40 | 302.0 | Lg | 23:07:45.096 | 1.6 | T__ | | --- | | | 6183494 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PTJ | 1.41 | 278.4 | Pn | 23:07:23.051 | -1.6 | T__ | 176.1 | --- | ML | 2.5 | 6183472 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 1.41 | 278.4 | Pg | 23:07:25.807 | 0.1 | T__ | | --- | | | 6183473 | FDSN | CR | -- | BUD | iLoc | BHZ | ??? | _ |
| PTJ | 1.41 | 278.4 | Lg | 23:07:45.096 | -0.3 | T__ | | --- | | | 6183496 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| FRGS | 1.41 | 112.7 | Pg | 23:07:23.945 | -1.1 | T__ | 172.5 | --- | ML | 2.5 | 6183470 | FDSN | SJ | -- | BUD | iLoc | BHZ | BHZ | _ |
| FRGS | 1.41 | 112.7 | Pb | 23:07:26.180 | 1.2 | T__ | | --- | | | 6183469 | FDSN | SJ | -- | BUD | iLoc | BHZ | ??? | _ |
| FRGS | 1.41 | 112.7 | Lg | 23:07:44.723 | -1.7 | T__ | | --- | | | 6183495 | FDSN | SJ | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.48 | 348.7 | Pn | 23:07:25.286 | 0.2 | T__ | 142.5 | --- | ML | 2.5 | 6183475 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.48 | 348.7 | Lg | 23:07:47.554 | 0.5 | T__ | | --- | | | 6183497 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU04A | 1.51 | 43.3 | Pg | 23:07:27.662 | -0.4 | T__ | 185.1 | --- | ML | 2.6 | 6183499 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU04A | 1.51 | 43.3 | Lg | 23:07:48.523 | -0.7 | T__ | | --- | | | 6183498 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A262A | 1.52 | 319.5 | Pn | 23:07:25.621 | 0.0 | T__ | 265.6 | --- | ML | 2.8 | 6183476 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW2 | 1.59 | 6.0 | Pn | 23:07:26.898 | 0.4 | T__ | 86.6 | --- | ML | 2.3 | 6183507 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 1.59 | 6.0 | Pg | 23:07:29.255 | -0.1 | T__ | | --- | | | 6183509 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| MSW2 | 1.59 | 6.0 | Sn | 23:07:47.382 | -0.7 | T__ | | --- | | | 6183508 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---------------------------------------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| (Station ML: 2.3 magdef=0 | | | | | | | | | | | | | | |
| CSKK 1.66 6.9 Pn 23:07:27.298 -0.1 | T__ | 105.8 | --- | ML | 2.4 | 6183477 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK 1.66 6.9 Pg 23:07:30.265 -0.3 | T__ | | --- | | | 6183510 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 2.4 magdef=1 | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0 | | | | | | | | | | | | | | |
| MSW3 1.67 3.7 Pn 23:07:27.291 -0.3 | T__ | 84.5 | --- | ML | 2.4 | 6183512 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 1.67 3.7 Pg 23:07:30.995 0.3 | T__ | | --- | | | 6183511 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| MSW3 1.67 3.7 Sn 23:07:48.616 -1.3 | T__ | | --- | | | 6183513 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.4 magdef=1 | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0 | | | | | | | | | | | | | | |
| MSW1 1.69 6.8 Pn 23:07:27.684 -0.2 | T__ | 92.9 | --- | ML | 2.4 | 6183514 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 1.69 6.8 Pg 23:07:31.612 0.5 | T__ | | --- | | | 6183515 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 2.4 magdef=1 | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0 | | | | | | | | | | | | | | |
| HU08A 1.71 359.0 Pg 23:07:31.556 -0.0 | T__ | 120.4 | --- | ML | 2.5 | 6183516 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1 | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1 | | | | | | | | | | | | | | |
| EGYH 1.75 345.8 Pn 23:07:29.905 1.1 | T__ | 227.1 | --- | ML | 2.8 | 6183479 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.8 magdef=1 | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1 | | | | | | | | | | | | | | |
| CRES 1.76 274.4 Pn 23:07:27.931 -1.5 | T__ | 129.4 | --- | ML | 2.6 | 6183478 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES 1.76 274.4 Pg 23:07:32.132 0.7 | T__ | | --- | | | 6183500 | FDSN | SL | -- | BUD | iLoc | BHZ | ??? | _ |
| CRES 1.76 274.4 Lg 23:07:56.793 -0.9 | T__ | | --- | | | 6183501 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 2.6 magdef=1 | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1 | | | | | | | | | | | | | | |
| A260A 1.79 331.4 Lg 23:07:58.134 2.4 | T__ | | --- | | | 6183502 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| BUD 1.91 22.1 Pg 23:07:35.204 -0.5 | T__ | 99.2 | --- | ML | 2.6 | 6183517 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BUD 1.91 22.1 Lg 23:08:01.692 -0.2 | T__ | | --- | | | 6183518 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.6 magdef=1 | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1 | | | | | | | | | | | | | | |
| HU01A 1.99 34.5 Pg 23:07:36.719 -0.8 | T__ | 170.5 | --- | ML | 2.8 | 6183520 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU01A 1.99 34.5 Lg 23:08:04.386 -0.3 | T__ | | --- | | | 6183519 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.8 magdef=1 | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1 | | | | | | | | | | | | | | |
| AMBH 2.02 70.8 Lg 23:08:05.172 -0.7 | T__ | | --- | | | 6183521 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| A003A 2.14 343.2 Pn 23:07:34.748 0.6 | T__ | 152.2 | --- | ML | 2.9 | 6183480 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.9 magdef=1 | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1 | | | | | | | | | | | | | | |
| A011B 2.19 321.4 Pn 23:07:34.338 -0.6 | T__ | 94.9 | --- | ML | 2.7 | 6183481 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.7 magdef=1 | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1 | | | | | | | | | | | | | | |
| SOP 2.19 334.3 Pn 23:07:34.711 -0.2 | T__ | 103.7 | --- | ML | 2.7 | 6183482 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP 2.19 334.3 Lg 23:08:11.064 2.8 | T__ | | --- | | | 6183522 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.7 magdef=1 | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1 | | | | | | | | | | | | | | |
| HU10A 2.25 18.4 Pn 23:07:35.877 0.3 | T__ | 95.9 | --- | ML | 2.7 | 6183524 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A 2.25 18.4 Pg 23:07:41.863 -0.2 | T__ | 97.2 | --- | ML | 2.7 | 6183483 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.7 magdef=1 | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1 | | | | | | | | | | | | | | |
| BANR 2.25 97.5 Lg 23:08:14.151 1.8 | T__ | | --- | | | 6183523 | FDSN | R0 | -- | BUD | iLoc | HHE | ??? | _ |
| A338A 2.31 6.4 Pn 23:07:36.804 0.3 | T__ | 173.5 | --- | ML | 3.0 | 6183484 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A338A 2.31 6.4 Sn 23:08:06.009 0.0 | T__ | | --- | | | 6183485 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 3.0 magdef=1 | | | | | | | | | | | | | | |


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(Station ML: 3.0 magdef=0
HU03A 2.46 26.6 Pn 23:07:38.369 -0.1 T__ 91.7 --- ML 2.8 6183487 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 2.46 26.6 Pg 23:07:45.568 -0.9 T__ --- 6183490 FDSN ZJ 00 BUD iLoc HHZ ??? _
HU03A 2.46 26.6 Sn 23:08:09.362 0.3 T__ --- 6183486 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
OBKA 2.51 289.6 Pn 23:07:38.837 -1.1 T__ 137.1 --- ML 3.0 6183503 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 2.51 289.6 Sn 23:08:10.784 0.8 T__ --- 6183525 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
ET1H 2.53 30.5 Pg 23:07:46.713 -1.3 T__ 66.4 --- ML 2.7 6183489 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 2.53 30.5 Lg 23:08:21.879 -0.5 T__ --- 6183488 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
CONA 2.64 327.6 Pn 23:07:40.923 -0.5 T__ 99.0 --- ML 3.0 6183504 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
MODS 2.70 350.2 Pn 23:07:41.669 -0.4 T__ --- 6183505 FDSN SK -- BUD iLoc HHZ ??? _
VYHS 2.84 11.8 Pg 23:07:51.950 -1.3 T__ 25.0 --- ML 2.5 6183506 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/08 23:10:26.81 2.35 0.34 47.3501 18.1962 6.6 4.1 61 5.0 16.6 9 5 125 0.05 0.20 ke BUD 17000410 BUD 220

```

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Magnitude Err Nsta Author OrigID
ML 0.7 0.1 4 BUD 17000410

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
CSKK 0.05 73.4 Pg 23:10:28.603 0.2 T__ 247.9 _d ML 0.8 6183632 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.05 73.4 Lg 23:10:29.720 -0.2 T__ --- 6183631 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
MSW2 0.05 168.2 Pg 23:10:28.621 0.2 T__ 241.7 _c ML 0.8 6183636 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.05 168.2 Lg 23:10:29.683 -0.3 T__ --- 6183635 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
MSW3 0.06 304.8 Pg 23:10:28.770 0.2 T__ 109.7 _c ML 0.5 6183633 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.06 304.8 Lg 23:10:29.999 -0.1 T__ --- 6183634 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
MSW1 0.06 44.8 Pg 23:10:28.752 0.1 T__ 162.9 _d ML 0.7 6183629 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.06 44.8 Lg 23:10:29.999 -0.3 T__ --- 6183630 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
HU08A 0.20 293.8 Lg 23:10:34.297 -0.4 T__ --- 6183637 FDSN ZJ 00 BUD iLoc HHZ ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/08 23:13:33.52 1.30 1.03 45.7300 18.0140 9.1 5.5 165 15.0f 15 9 159 0.23 1.14 ke BUD 17000412 BUD 258

```

Magnitude Err Nsta Author OrigID
ML 2.1 0.1 7 BUD 17000412

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| A273A | 0.23 | 323.5 | Pg | 23:13:38.581 | -0.4 | | | | | T__ | | 288.5 | | ___ | ML | 1.4 6183674 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.23 | 323.5 | Lg | 23:13:42.586 | -0.0 | | | | | T__ | | | | --- | | 6183682 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.36 | 9.5 | Pg | 23:13:40.909 | -0.4 | | | | | T__ | | 60.7 | | _d_ | ML | 1.1 6183675 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.36 | 9.5 | Lg | 23:13:46.143 | -0.5 | | | | | T__ | | | | --- | | 6183676 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.65 | 41.9 | Pg | 23:13:46.162 | -0.3 | | | | | T__ | | 57.1 | | ___ | ML | 1.6 6183679 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.65 | 41.9 | Lg | 23:13:55.624 | -0.5 | | | | | T__ | | | | --- | | 6183683 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.66 | 310.6 | Pg | 23:13:46.125 | -0.6 | | | | | T__ | | 211.8 | | ___ | ML | 2.2 6183677 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.66 | 310.6 | Lg | 23:13:55.959 | 0.5 | | | | | T__ | | | | --- | | 6183678 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.71 | 347.7 | Pn | 23:13:47.596 | -0.1 | | | | | T__ | | 179.1 | | ___ | ML | 2.1 6183680 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.71 | 347.7 | Lg | 23:13:58.213 | 1.0 | | | | | T__ | | | | --- | | 6183684 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.81 | 12.3 | Pn | 23:13:50.762 | 1.7 | | | | | T__ | | 144.4 | | ___ | ML | 2.1 6183681 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A266A | 0.81 | 12.3 | Sn | 23:14:02.087 | 0.8 | | | | | T__ | | | | --- | | 6183685 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 0.98 | 52.1 | Pn | 23:13:53.072 | 1.8 | | | | | T__ | | 154.8 | | ___ | ML | 2.2 6183686 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 1.03 | 332.2 | Sn | 23:14:08.233 | 1.9 | | | | | T__ | | | | --- | | 6183688 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| BLY | 1.14 | 211.2 | Lg | 23:14:09.463 | -0.0 | | | | | T__ | | | | --- | | 6183687 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/09 | 08:46:13.44 | 1.62 | 0.56 | 47.3462 | 18.3795 | 11.4 | 4.7 | 145 | 0.0f | | 13 | 10 | 109 | 0.08 | 1.19 | sx | BUD | 17000414 | BUD | | | 187 |

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 17000414

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| CSKK | 0.08 | 281.8 | Pg | 08:46:15.746 | -0.0 | | | | | T__ | | 1771.0 | | ___ | ML | 1.8 6184636 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.08 | 281.8 | Lg | 08:46:17.646 | -0.4 | | | | | T__ | | | | --- | | 6184637 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.09 | 299.7 | Pg | 08:46:16.755 | 0.8 | | | | | T__ | | 882.6 | | ___ | ML | 1.5 6184647 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.09 | 299.7 | Lg | 08:46:18.106 | -0.4 | | | | | T__ | | | | --- | | 6184646 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.12 | 249.1 | Lg | 08:46:19.527 | 0.1 | | | | | T__ | | | | --- | | 6184648 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| HU09A | 0.29 | 0.4 | Lg | 08:46:24.724 | -0.5 | | | | | T__ | | | | --- | | 6184638 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU08A | 0.32 | 285.5 | Lg | 08:46:25.397 | -0.7 | | | | | T__ | | | | --- | | 6184645 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|-----|--|--|--|------|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| HU10A | 0.66 | 40.7 | Lg | 08:46:37.439 | -0.6 | T__ | | | | | | | | | 6184639 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| ET1H | 1.14 | 61.6 | Sn | 08:46:52.563 | -0.5 | T__ | | | | | | | | | 6184640 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MORH | 1.15 | 170.8 | Sn | 08:46:53.010 | 0.2 | T__ | | | | | | | | | 6184644 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| PSZ | 1.17 | 60.2 | Sn | 08:46:53.755 | -0.6 | T__ | | | | | | | | | 6184641 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 1.19 | 14.8 | Pn | 08:46:36.694 | 0.3 | T__ | | | | 27.7 | | | | | 6184643 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.19 | 14.8 | Sn | 08:46:54.127 | -0.6 | T__ | | | | | | | | | 6184642 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |

(Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1)

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/09 | 09:52:11.86 | 1.00 | 0.81 | 47.8836 | 19.1391 | 8.0 | 3.9 | 166 | 0.0f | | 6 | 5 | 154 | 0.09 | 0.96 | sx | BUD | 17000416 | BUD | | | 251 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.09 | 244.7 | Pg | 09:52:14.377 | 0.2 | | | | | T__ | | 1267.3 | | | ML | 1.7 | 6184669 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.09 | 244.7 | Lg | 09:52:15.812 | -0.5 | | | | | T__ | | | | | | 6184670 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.31 | 86.1 | Lg | 09:52:24.491 | 0.7 | | | | | T__ | | | | | | 6184671 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 0.49 | 90.3 | Lg | 09:52:29.621 | -0.6 | | | | | T__ | | | | | | 6184673 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 0.64 | 341.7 | Lg | 09:52:34.549 | -0.1 | | | | | T__ | | | | | | 6184672 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 0.96 | 75.1 | Lg | 09:52:46.012 | -0.9 | | | | | T__ | | | | | | 6184674 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/09 | 10:11:59.12 | 0.88 | 0.51 | 48.6562 | 19.8889 | 4.0 | 3.4 | 33 | 0.0f | | 16 | 9 | 90 | 0.43 | 0.97 | sx | BUD | 17000418 | BUD | | | 149 |

Magnitude Err Nsta Author OrigID
 ML 1.8 0.2 7 BUD 17000418

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.43 | 113.4 | Pg | 10:12:07.963 | 0.1 | | | | | T__ | | 120.6 | | | ML | 1.6 | 6184706 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.43 | 113.4 | Lg | 10:12:14.187 | -0.3 | | | | | T__ | | | | | | 6184711 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.46 | 110.1 | Pg | 10:12:08.285 | -0.1 | | | | | T__ | | 51.9 | | | ML | 1.3 | 6184719 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.46 | 110.1 | Lg | 10:12:15.007 | -0.4 | | | | | T__ | | | | | | 6184712 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LANS | 0.57 | 330.8 | Lg | 10:12:17.971 | -0.2 | | | | | T__ | | | | | | 6184720 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU02A | 0.68 | 141.3 | Pg | 10:12:13.575 | 0.3 | | | | | T__ | | 85.1 | | | ML | 1.8 | 6184721 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.68 | 141.3 | Lg | 10:12:23.314 | -0.7 | | | | | T__ | | | | | | 6184713 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.72 | 257.3 | Pg | 10:12:13.590 | -0.1 | | | | | T__ | | 24.4 | | | ML | 1.3 | 6184710 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.72 | 257.3 | Lg | 10:12:24.468 | 0.3 | | | | | T__ | | | | | | 6184709 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.74 | 179.7 | Pg | 10:12:14.932 | 0.1 | | | | | T__ | | 96.3 | | | ML | 1.9 | 6184716 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.74 | 179.7 | Lg | 10:12:25.661 | -0.4 | | | | | T__ | | | | | | 6184715 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.78 180.9 Lg 10:12:26.741 -0.2 T__ --- 6184717 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.81 19.4 Pg 10:12:14.709 0.3 T__ 96.1 --- ML 1.9 6184714 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.81 19.4 Lg 10:12:25.099 -0.8 T__ --- 6184708 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ABAH 0.97 111.3 Pg 10:12:19.179 1.0 T__ 79.5 --- ML 1.9 6184718 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.97 111.3 Lg 10:12:33.592 0.8 T__ --- 6184707 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/09 10:29:59.64 2.47 0.58 48.7968 21.2148 15.5 8.3 69 0.0f 7 5 221 0.50 0.87 sx BUD 17000420 BUD 300

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 3 BUD 17000420

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.50 178.1 Lg 10:30:17.440 -0.8 T__ --- 6184756 FDSN HU -- BUD iLoc HHZ ??? _
JOS 0.54 236.3 Pg 10:30:10.557 0.1 T__ 78.4 --- ML 1.7 6184752 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.54 236.3 Lg 10:30:18.483 -0.1 T__ --- 6184757 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.58 237.3 Pg 10:30:11.298 0.1 T__ 140.0 --- ML 2.0 6184754 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.58 237.3 Lg 10:30:19.489 -0.4 T__ --- 6184758 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 0.82 214.5 Pg 10:30:17.039 0.6 T__ 68.1 --- ML 1.8 6184753 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.87 316.3 Lg 10:30:27.912 -0.4 T__ --- 6184755 FDSN PL -- BUD iLoc BHZ ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/09 11:58:51.17 0.98 1.22 48.6239 21.4822 7.1 4.1 168 0.0f 11 6 107 0.61 1.11 sx BUD 17000422 BUD 173

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 5 BUD 17000422

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
KOLS 0.61 59.1 Pg 11:59:03.523 0.6 T__ --- 6184816 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.61 59.1 Lg 11:59:10.600 -2.3 T__ --- 6184817 FDSN SK -- BUD iLoc HHE ??? _
JOS 0.64 258.8 Pg 11:59:04.640 0.7 T__ 64.0 --- ML 1.7 6184819 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.64 258.8 Lg 11:59:14.698 1.1 T__ --- 6184818 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
KECS 0.68 258.4 Pg 11:59:04.938 0.2 T__ 95.5 --- ML 1.9 6184820 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.68 258.4 Lg 11:59:14.549 -0.3 T__ --- 6184821 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU02A | 0.81 | 232.2 | Pg | 11:59:06.950 | -1.0 | T__ | 62.5 | ___ | ML | 1.7 | 6184822 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.86 | 124.6 | Pg | 11:59:08.514 | 0.6 | T__ | 91.6 | ___ | ML | 1.9 | 6184824 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.86 | 124.6 | Lg | 11:59:20.807 | -1.3 | T__ | | --- | | | 6184823 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 1.11 | 316.0 | Pg | 11:59:12.165 | 0.0 | T__ | 85.7 | ___ | ML | 2.1 | 6184825 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.11 | 316.0 | Lg | 11:59:27.587 | -1.1 | T__ | | --- | | | 6184826 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/02/10 | 09:39:03.52 | 1.08 | 0.89 | 48.5164 | 20.7980 | 6.9 | 3.7 | 17 | 0.0f | | 9 | 5 | 146 | 0.17 | 0.96 | sx | BUD | 17000424 | BUD | | | 224 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.3 | 0.0 | 4 BUD | 17000424 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| JOS | 0.17 | 263.3 | Pg | 09:39:07.558 | 0.4 | | | | | T__ | | 114.8 | | _c | ML | 0.8 | 6185306 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 263.3 | Lg | 09:39:09.663 | -0.4 | | | | | T__ | | | | --- | | 6185307 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 261.0 | Pg | 09:39:08.296 | 0.4 | | | | | T__ | | 234.5 | | ___ | ML | 1.3 | 6185301 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.21 | 261.0 | Lg | 09:39:11.164 | -0.2 | | | | | T__ | | | | --- | | 6185302 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 126.7 | Pg | 09:39:11.711 | 0.6 | | | | | T__ | | 99.6 | | ___ | ML | 1.3 | 6185308 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.37 | 126.7 | Lg | 09:39:16.342 | -1.3 | | | | | T__ | | | | --- | | 6185303 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.43 | 204.9 | Pg | 09:39:13.474 | 0.7 | | | | | T__ | | 56.0 | | ___ | ML | 1.3 | 6185304 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.43 | 204.9 | Lg | 09:39:18.726 | -1.2 | | | | | T__ | | | | --- | | 6185305 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.96 | 340.2 | Lg | 09:39:34.658 | -0.7 | | | | | T__ | | | | --- | | 6185309 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/02/10 | 10:06:03.95 | 1.35 | 1.16 | 47.2400 | 18.2501 | 12.8 | 6.6 | 81 | 0.0f | | 6 | 4 | 171 | 0.07 | 1.06 | sx | BUD | 17000426 | BUD | | | 333 |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| MSW2 | 0.07 | 336.9 | Pg | 10:06:06.509 | 0.5 | | | | | T__ | | 409.1 | | ___ | ML | 1.1 | 6185332 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.07 | 336.9 | Lg | 10:06:07.497 | -0.6 | | | | | T__ | | | | --- | | 6185334 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.12 | 3.3 | Pg | 10:06:07.784 | 0.7 | | | | | T__ | | 226.5 | | ___ | ML | 1.0 | 6185333 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.12 | 3.3 | Lg | 10:06:09.001 | -1.0 | | | | | T__ | | | | --- | | 6185335 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.0 magdef=1
MSW1 0.15 2.3 Lg 10:06:10.123 -0.9 T__ --- 6185336 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.06 165.1 Lg 10:06:39.536 -1.0 T__ --- 6185337 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/10 10:58:57.84 1.04 0.54 48.5093 20.7837 7.3 3.7 13 0.0f 9 6 144 0.16 0.96 sx BUD 17000428 BUD 243

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.5 4 BUD 17000428

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.16 265.3 Pg 10:59:01.439 0.1 T__ 187.1 --- ML 1.0 6185361 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.16 265.3 Lg 10:59:04.438 0.4 T__ --- 6185362 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KECS 0.20 262.6 Pg 10:59:02.091 0.0 T__ 809.4 --- ML 1.8 6185363 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.20 262.6 Lg 10:59:04.903 -0.5 T__ --- 6185364 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.37 124.9 Pg 10:59:05.891 0.4 T__ 98.4 --- ML 1.3 6185366 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.37 124.9 Lg 10:59:11.050 -1.0 T__ --- 6185365 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.84 225.5 Lg 10:59:28.484 0.3 T__ --- 6185367 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.88 224.4 Lg 10:59:28.707 -0.4 T__ --- 6185368 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.96 340.9 Pg 10:59:16.116 0.1 T__ 82.1 --- ML 2.0 6185369 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/11 09:09:31.87 2.16 1.00 47.8218 19.1628 74.3 3.3 178 0.1f 6 4 200 0.10 0.50 kx BUD 17000430 BUD 351
2021/02/11 09:09:31.41 0.97 0.66 47.8355 19.1270f 0.0f 6 4 192 0.07 0.52 kx BUD_GT 17000431 BUD_GT 352
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 277.6 Pg 09:09:34.104 0.7 T__ 1815.3 --- ML 1.8 6208843 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 277.6 Lg 09:09:35.003 -0.3 T__ --- 6208845 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU03A 0.33 77.7 Lg 09:09:43.321 -0.5 T__ --- 6208846 FDSN ZJ 00 BUD iLoc HHZ ??? _
ET1H 0.50 84.8 Lg 09:09:49.377 -0.7 T__ --- 6208844 FDSN HU -- BUD iLoc HHZ ??? _
PSZ 0.52 80.6 Pg 09:09:42.808 -0.0 T__ 63.4 --- ML 1.6 6208848 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.52 80.6 Lg 09:09:50.283 -0.9 T__ --- 6208847 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/02/12 | 07:58:34.05 | 0.93 | 0.81 | 47.5618 | 18.4713 | 5.5 | 3.2 | 117 | 0.0f | 10 | 7 | 144 | 0.10 | 1.02 | kx | BUD | 17000434 | BUD | | | | 154 |
| 2021/02/12 | 07:58:34.04 | 0.91 | 0.76 | 47.5600 | 18.4573f | | | | 0.0f | 10 | 7 | 143 | 0.09 | 1.03 | kx | BUD_GT | 17000435 | BUD_GT | | | | 156 |

(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.5 | 0.2 | 3 BUD_GT | 17000435 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 07:58:37.128 | 0.6 | | | | | T__ | | 1311.0 | | ___ | ML | 1.7 | 6214382 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 07:58:37.761 | -1.1 | | | | | T__ | | | | ___ | | 6214383 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.21 | 218.9 | Lg | 07:58:42.798 | -0.3 | | | | | T__ | | | | ___ | | 6214384 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.24 | 214.2 | Pg | 07:58:39.892 | 0.6 | | | | | T__ | | 203.0 | | ___ | ML | 1.3 | 6214377 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 07:58:43.766 | -0.2 | | | | | T__ | | | | ___ | | 6214378 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.47 | 52.8 | Lg | 07:58:51.185 | -0.9 | | | | | T__ | | | | ___ | | 6214385 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.97 | 15.1 | Pn | 07:58:54.420 | 0.4 | | | | | T__ | | 29.9 | | ___ | ML | 1.5 | 6214379 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.97 | 15.1 | Lg | 07:59:07.309 | -0.6 | | | | | T__ | | | | ___ | | 6214380 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.01 | 71.0 | Lg | 07:59:09.241 | -0.8 | | | | | T__ | | | | ___ | | 6214386 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.03 | 69.2 | Lg | 07:59:10.289 | -1.1 | | | | | T__ | | | | ___ | | 6214381 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|----|
| 2021/02/12 | 16:07:11.09 | 0.73 | 0.88 | 47.8212 | 16.2468 | 3.1 | 2.6 | 57 | 11.3 | 5.5 | 68 | 38 | 42 | 0.17 | 2.95 | ke | BUD | 17000436 | BUD | | | | 70 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.4 | 0.1 | 28 BUD | 17000436 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A004A | 0.17 | 35.4 | Pg | 16:07:15.864 | 0.7 | | | | | T__ | | 3226.7 | | ___ | ML | 2.3 | 6216703 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.17 | 35.4 | Lg | 16:07:19.915 | 1.9 | | | | | T__ | | | | ___ | | 6216684 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.25 | 123.2 | Pg | 16:07:16.525 | -0.1 | | | | | T__ | | 1759.7 | | _c_ | ML | 2.2 | 6216685 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.25 | 123.2 | Lg | 16:07:19.980 | -0.4 | | | | | T__ | | | | ___ | | 6216704 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.28 | 292.6 | Pg | 16:07:16.590 | -0.6 | | | | | T__ | | 695.7 | | ___ | ML | 1.9 | 6216705 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.28 | 292.6 | Lg | 16:07:20.623 | -0.8 | | | | | T__ | | | | ___ | | 6216686 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.46 | 205.4 | Pg | 16:07:19.841 | -0.5 | | | | | T__ | | 669.5 | | ___ | ML | 2.4 | 6216688 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.46 | 205.4 | Lg | 16:07:25.950 | -0.4 | | | | | T__ | | | | ___ | | 6216687 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A003A | 0.55 | 96.2 | Pg | 16:07:22.336 | 0.1 | | | | | T__ | | 876.7 | | ___ | ML | 2.7 | 6216691 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A003A | 0.55 | 96.2 | Lg | 16:07:30.569 | 0.3 | | | | | T__ | | | | ___ | | 6216690 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |

| | | | | | | | | | | | | | | |
|--|---------------|--------------|------|-----|--------|--------|-------------|---------|--------|------|---------|---|--|--|
| (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0 | | | | | | | | | | | | | | |
| A005B | 0.55 357.1 Pg | 16:07:22.215 | 0.2 | T__ | 480.9 | ___ ML | 2.5 6216706 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A005B | 0.55 357.1 Lg | 16:07:30.569 | 0.7 | T__ | | ___ | 6216689 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1 | | | | | | | | | | | | | | |
| A002B | 0.59 23.1 Lg | 16:07:31.361 | -0.2 | T__ | | ___ | 6216707 | FDSN Z3 | 00 BUD | iLoc | HH3 ??? | _ | | |
| A013A | 0.61 293.5 Pg | 16:07:23.044 | -0.1 | T__ | 1615.4 | ___ ML | 3.1 6216692 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A013A | 0.61 293.5 Lg | 16:07:31.277 | 0.1 | T__ | | ___ | 6216693 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=0 | | | | | | | | | | | | | | |
| A260A | 0.62 149.8 Pg | 16:07:23.417 | -0.2 | T__ | 310.7 | ___ ML | 2.3 6216695 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A260A | 0.62 149.8 Lg | 16:07:31.910 | -0.1 | T__ | | ___ | 6216694 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | |
| A008A | 0.68 324.2 Pg | 16:07:24.050 | -0.1 | T__ | 1170.7 | _c_ ML | 2.9 6216708 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A008A | 0.68 324.2 Lg | 16:07:32.925 | -0.6 | T__ | | ___ | 6216709 | FDSN Z3 | 00 BUD | iLoc | HH3 ??? | _ | | |
| (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0 | | | | | | | | | | | | | | |
| A018A | 0.79 264.8 Pg | 16:07:25.875 | -0.7 | T__ | 299.8 | ___ ML | 2.4 6216696 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A018A | 0.79 264.8 Lg | 16:07:37.228 | 0.6 | T__ | | ___ | 6216710 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | |
| EGYH | 0.84 118.4 Pg | 16:07:26.993 | -0.7 | T__ | 480.3 | ___ ML | 2.6 6216697 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ | | |
| EGYH | 0.84 118.4 Lg | 16:07:39.910 | 0.2 | T__ | | ___ | 6216711 | FDSN HU | -- BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1 | | | | | | | | | | | | | | |
| MODS | 0.88 51.0 Pg | 16:07:27.663 | -1.2 | T__ | | ___ | 6216698 | FDSN SK | -- BUD | iLoc | HHZ ??? | _ | | |
| MODS | 0.88 51.0 Lg | 16:07:41.400 | -0.6 | T__ | | ___ | 6216712 | FDSN SK | -- BUD | iLoc | HHN ??? | _ | | |
| A006A | 0.93 350.7 Pg | 16:07:28.781 | -0.4 | T__ | 494.7 | ___ ML | 2.7 6216700 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A006A | 0.93 350.7 Lg | 16:07:41.214 | -1.1 | T__ | | ___ | 6216713 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1 | | | | | | | | | | | | | | |
| A001A | 0.94 14.1 Pg | 16:07:29.600 | 0.1 | T__ | 170.1 | ___ ML | 2.3 6216699 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A001A | 0.94 14.1 Lg | 16:07:42.517 | -0.6 | T__ | | ___ | 6216714 | FDSN Z3 | 00 BUD | iLoc | HH2 ??? | _ | | |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0 | | | | | | | | | | | | | | |
| A339A | 0.95 89.0 Pn | 16:07:29.236 | -0.2 | T__ | 436.0 | ___ ML | 2.7 6216744 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A339A | 0.95 89.0 Lg | 16:07:44.807 | 0.8 | T__ | | ___ | 6216745 | FDSN Z3 | 00 BUD | iLoc | HHE ??? | _ | | |
| (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1 | | | | | | | | | | | | | | |
| A262A | 0.98 168.6 Sn | 16:07:44.082 | 0.6 | T__ | | ___ | 6216715 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | |
| A261A | 1.06 144.5 Lg | 16:07:45.031 | -1.0 | T__ | | ___ | 6216746 | FDSN Z3 | 00 BUD | iLoc | HHE ??? | _ | | |
| MPLH | 1.09 126.1 Pg | 16:07:32.059 | -0.4 | T__ | 183.2 | ___ ML | 2.4 6216701 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ | | |
| MPLH | 1.09 126.1 Sn | 16:07:46.839 | 0.2 | T__ | | ___ | 6216716 | FDSN HU | -- BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | |
| HU08A | 1.20 108.4 Pg | 16:07:34.228 | -0.2 | T__ | 176.5 | ___ ML | 2.4 6216747 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ | | |
| HU08A | 1.20 108.4 Sn | 16:07:49.707 | 0.4 | T__ | | ___ | 6216717 | FDSN ZJ | 00 BUD | iLoc | HHE ??? | _ | | |
| (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | |
| KRUC | 1.25 4.5 Pn | 16:07:33.773 | -0.0 | T__ | 152.1 | ___ ML | 2.4 6216702 | FDSN CZ | -- BUD | iLoc | HHZ HHZ | _ | | |
| KRUC | 1.25 4.5 Sn | 16:07:50.191 | -0.4 | T__ | | ___ | 6216718 | FDSN CZ | -- BUD | iLoc | HHE ??? | _ | | |

| | | | | | | | | | | | |
|--|-------|-----|----|-----|---------|---------|---------|---------|--------|------|-----------|
| (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1 KOGS 1.37 179.9 Sn 16:07:53.916 0.7 T__ | | | | | | | 6216719 | FDSN SL | -- BUD | iLoc | BHE ??? _ |
| JAVC 1.41 41.9 Pg 16:07:38.140 -0.7 T__ | 150.5 | --- | ML | 2.5 | 6216720 | FDSN CZ | | | -- BUD | iLoc | HHZ HHZ _ |
| JAVC 1.41 41.9 Sn 16:07:57.642 2.1 T__ | | --- | | | 6216721 | FDSN CZ | | | -- BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1 A338A 1.43 81.4 Pg 16:07:39.165 0.1 T__ | 191.5 | --- | ML | 2.6 | 6216723 | FDSN Z3 | | | 00 BUD | iLoc | HHZ HHZ _ |
| (Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1 CSKK 1.44 107.8 Pg 16:07:38.847 -0.1 T__ | 107.6 | --- | ML | 2.3 | 6216749 | FDSN HU | | | -- BUD | iLoc | HHZ HHZ _ |
| CSKK 1.44 107.8 Sn 16:07:56.151 0.8 T__ | | --- | | | 6216722 | FDSN HU | | | -- BUD | iLoc | HHE ??? _ |
| CSKK 1.44 107.8 Lg 16:07:58.740 -0.7 T__ | | --- | | | 6216748 | FDSN HU | | | -- BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 HU09A 1.45 96.4 Pg 16:07:39.314 -0.0 T__ | 153.2 | --- | ML | 2.5 | 6216724 | FDSN ZJ | | | 00 BUD | iLoc | HHZ HHZ _ |
| (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1 VRAC 1.51 8.7 Pn 16:07:37.451 0.0 T__ | 35.3 | --- | ML | 1.9 | 6216725 | FDSN CZ | | | -- BUD | iLoc | HHZ HHZ _ |
| VRAC 1.51 8.7 Sn 16:07:57.418 0.4 T__ | | --- | | | 6216726 | FDSN CZ | | | -- BUD | iLoc | HNN ??? _ |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 TREC 1.56 341.4 Pn 16:07:39.314 1.1 T__ | 305.4 | --- | ML | 2.9 | 6216728 | FDSN CZ | | | -- BUD | iLoc | HHZ HHZ _ |
| TREC 1.56 341.4 Sn 16:07:59.430 1.4 T__ | | --- | | | 6216727 | FDSN CZ | | | -- BUD | iLoc | HNN ??? _ |
| (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0 CKRC 1.63 308.4 Pn 16:07:39.612 0.4 T__ | 301.9 | --- | ML | 2.9 | 6216729 | FDSN CZ | | | -- BUD | iLoc | HHZ HHZ _ |
| CKRC 1.63 308.4 Pg 16:07:41.306 -0.3 T__ | | --- | | | 6216750 | FDSN CZ | | | -- BUD | iLoc | HHZ ??? _ |
| CKRC 1.63 308.4 Sn 16:08:01.367 1.0 T__ | | --- | | | 6216730 | FDSN CZ | | | -- BUD | iLoc | HNN ??? _ |
| (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0 OBKA 1.75 222.1 Pg 16:07:43.858 0.6 T__ | 118.7 | --- | ML | 2.5 | 6216731 | FDSN OE | | | -- BUD | iLoc | HHZ HHZ _ |
| OBKA 1.75 222.1 Sn 16:08:04.645 1.1 T__ | | --- | | | 6216732 | FDSN OE | | | -- BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1 VYHS 1.86 67.8 Pn 16:07:42.592 0.4 T__ | 26.2 | --- | ML | 2.0 | 6216733 | FDSN SK | | | -- BUD | iLoc | HHZ HHZ _ |
| VYHS 1.86 67.8 Pg 16:07:46.392 -1.1 T__ | | --- | | | 6216734 | FDSN SK | | | -- BUD | iLoc | HHZ ??? _ |
| VYHS 1.86 67.8 Lg 16:08:13.213 -0.0 T__ | | --- | | | 6216735 | FDSN SK | | | -- BUD | iLoc | HNN ??? _ |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0 A331A 1.87 43.9 Pn 16:07:43.858 1.4 T__ | 96.9 | --- | ML | 2.5 | 6216736 | FDSN Z3 | | | 00 BUD | iLoc | HHZ HHZ _ |
| A331A 1.87 43.9 Sn 16:08:07.754 1.2 T__ | | --- | | | 6216751 | FDSN Z3 | | | 00 BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1 MORC 2.14 23.2 Sn 16:08:14.256 1.1 T__ | | --- | | | 6216739 | FDSN CZ | | | -- BUD | iLoc | HHE ??? _ |
| KOVH 2.15 143.1 Pg 16:07:52.575 0.7 T__ | 49.1 | --- | ML | 2.4 | 6216738 | FDSN HU | | | -- BUD | iLoc | HHZ HHZ _ |
| KOVH 2.15 143.1 Lg 16:08:19.546 0.1 T__ | | --- | | | 6216737 | FDSN HU | | | -- BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1 MORH 2.30 133.5 Lg 16:08:26.847 1.7 T__ | | --- | | | 6216740 | FDSN HU | | | -- BUD | iLoc | HHE ??? _ |
| PRU 2.44 333.2 Sn 16:08:22.526 3.7 T__ | | --- | | | 6216741 | FDSN CZ | | | -- BUD | iLoc | HNN ??? _ |
| LANS 2.52 57.0 Sn 16:08:24.016 0.7 T__ | | --- | | | 6216742 | FDSN SK | | | -- BUD | iLoc | EHE ??? _ |
| JOS 2.95 75.2 Lg 16:08:49.049 0.1 T__ | | --- | | | 6216743 | FDSN ZJ | | | -- BUD | iLoc | HHE ??? _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/12 | 22:05:20.42 | 0.91 | 0.50 | 47.7788 | 16.1373 | 7.3 | 3.4 | 35 | 9.0f | | 11 | 7 | 102 | 0.24 | 1.30 | ke | BUD | 17000438 | BUD | | | 191 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 5 BUD | 17000438 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.24 | 309.0 | Pg | 22:05:25.562 | -0.1 | | | | | T__ | | 74.9 | | ___ | ML | 0.8 | 6220164 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.24 | 309.0 | Lg | 22:05:28.431 | -0.8 | | | | | T__ | | | | --- | | 6220165 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.30 | 108.4 | Pg | 22:05:26.866 | 0.2 | | | | | T__ | | 64.2 | | ___ | ML | 0.9 | 6220163 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.30 | 108.4 | Lg | 22:05:30.740 | -0.3 | | | | | T__ | | | | --- | | 6220162 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.39 | 198.1 | Lg | 22:05:33.326 | -0.1 | | | | | T__ | | | | --- | | 6220170 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| A013A | 0.57 | 300.4 | Pg | 22:05:31.672 | 0.2 | | | | | T__ | | 94.4 | | --- | ML | 1.8 | 6220167 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.57 | 300.4 | Lg | 22:05:39.755 | 0.8 | | | | | T__ | | | | --- | | 6220166 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.67 | 331.3 | Pg | 22:05:33.572 | 0.2 | | | | | T__ | | 96.7 | | ___ | ML | 1.9 | 6220168 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.67 | 331.3 | Lg | 22:05:42.810 | 0.1 | | | | | T__ | | | | --- | | 6220169 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.97 | 51.7 | Sn | 22:05:53.181 | -0.8 | | | | | T__ | | | | --- | | 6220171 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| KRUC | 1.30 | 7.5 | Pn | 22:05:44.092 | -0.0 | | | | | T__ | | 104.2 | | --- | ML | 2.2 | 6220172 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/14 | 04:22:55.35 | 0.79 | 0.80 | 47.6329 | 18.1560 | 3.6 | 2.5 | 140 | 4.2 | 10.6 | 29 | 20 | 74 | 0.15 | 1.58 | ke | BUD | 17000446 | BUD | | | 84 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.4 | 11 BUD | 17000446 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.15 | 87.8 | Pg | 04:22:58.856 | 0.1 | | | | | T__ | | 259.2 | | ___ | ML | 1.1 | 6226865 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.15 | 87.8 | Lg | 04:23:00.998 | -0.6 | | | | | T__ | | | | --- | | 6226866 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.25 | 163.8 | Pg | 04:23:01.320 | 0.7 | | | | | T__ | | 97.2 | | ___ | ML | 1.0 | 6226875 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.25 | 163.8 | Lg | 04:23:04.844 | -0.2 | | | | | T__ | | | | --- | | 6226874 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.25 | 184.7 | Pg | 04:23:01.051 | 0.5 | | | | | T__ | | 81.8 | | ___ | ML | 0.9 | 6226872 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.25 | 184.7 | Lg | 04:23:04.575 | -0.4 | | | | | T__ | | | | --- | | 6226873 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.26 | 218.0 | Pg | 04:23:00.256 | -0.5 | | | | | T__ | | 63.6 | | ___ | ML | 0.8 | 6226859 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|----------------------------|------|-----|-------|--|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| HU08A | 0.26 | 218.0 | Lg | 04:23:05.002 | -0.0 | T__ | | | | | | | | | 6226867 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| | | | | (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.28 | 165.3 | Pg | 04:23:01.407 | 0.2 | T__ | 219.3 | | | | | | | | 6226869 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.28 | 165.3 | Lg | 04:23:05.840 | -0.2 | T__ | | | | | | | | | 6226868 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.33 | 173.6 | Pg | 04:23:02.703 | 0.5 | T__ | 92.1 | | | | | | | | 6226876 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.33 | 173.6 | Lg | 04:23:07.451 | -0.4 | T__ | | | | | | | | | 6226877 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A338A | 0.40 | 19.0 | Pg | 04:23:04.096 | 0.5 | T__ | 192.7 | | | | | | | | 6226852 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.60 | 249.2 | Lg | 04:23:15.902 | -0.2 | T__ | | | | | | | | | 6226860 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| HU10A | 0.62 | 69.6 | Pg | 04:23:07.858 | -0.2 | T__ | 91.6 | | | | | | | | 6226854 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.62 | 69.6 | Lg | 04:23:16.947 | -0.8 | T__ | | | | | | | | | 6226855 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.62 | 222.4 | Pg | 04:23:07.634 | -0.2 | T__ | 79.5 | | | | | | | | 6226853 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A267A | 0.72 | 162.0 | Lg | 04:23:21.378 | 0.5 | T__ | | | | | | | | | 6226870 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ |
| MODS | 0.95 | 321.8 | Pn | 04:23:14.151 | -0.4 | T__ | | | | | | | | | 6226871 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| VYHS | 0.97 | 27.6 | Pn | 04:23:15.064 | 0.3 | T__ | 23.6 | | | | | | | | 6226861 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.97 | 27.6 | Sn | 04:23:27.527 | -2.5 | T__ | | | | | | | | | 6226856 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.18 | 77.4 | Sn | 04:23:34.707 | -0.0 | T__ | | | | | | | | | 6226878 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| PSZ | 1.21 | 75.7 | Pn | 04:23:18.919 | 1.0 | T__ | 76.8 | | | | | | | | 6226862 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.21 | 75.7 | Sn | 04:23:35.946 | 0.1 | T__ | | | | | | | | | 6226857 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.27 | 345.4 | Sn | 04:23:36.763 | -1.1 | T__ | | | | | | | | | 6226879 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| MORH | 1.46 | 166.6 | Sn | 04:23:42.629 | 1.5 | T__ | | | | | | | | | 6226863 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| AO11B | 1.51 | 262.2 | Lg | 04:23:43.618 | 0.2 | T__ | | | | | | | | | 6226864 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| KOVH | 1.55 | 181.4 | Lg | 04:23:45.855 | -1.2 | T__ | | | | | | | | | 6226858 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| CONA | 1.58 | 281.7 | Lg | 04:23:47.043 | 0.6 | T__ | | | | | | | | | 6226880 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/14 | 11:14:30.56 | 1.44 | 0.99 | 45.7363 | 17.9797 | 10.6 | 8.4 | 135 | 3.0f | | 10 | 7 | 149 | 0.36 | 2.04 | ke | BUD | 17000448 | BUD | | | 251 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.4 | 0.3 | 5 BUD | 17000448 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|------|-------|----------------------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.36 | 13.4 | Pg | 11:14:38.245 | 0.2 | | | | | T__ | | 70.6 | | | ML | 1.2 | 6227923 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.36 | 13.4 | Lg | 11:14:43.497 | 0.2 | | | | | T__ | | | | | | 6227924 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.67 | 43.8 | Pg | 11:14:43.758 | -0.1 | | | | | T__ | | 67.2 | | | ML | 1.7 | 6227926 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.67 | 43.8 | Lg | 11:14:52.922 | -0.6 | | | | | T__ | | | | | | 6227925 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A265A 0.70 349.5 Pg 11:14:44.420 -0.2 T__ 307.0 ___ ML 2.4 6227928 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
BEHE 1.11 311.7 Pn 11:14:52.260 0.4 T__ 273.3 ___ ML 2.6 6227929 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
BLY 1.14 209.9 Lg 11:15:06.854 -0.2 T__ 6227927 FDSN MN -- BUD iLoc HHE ??? _
A260A 1.78 330.8 Pn 11:15:01.895 0.9 T__ 399.6 ___ ML 3.1 6227931 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 1.78 330.8 Lg 11:15:26.381 -1.0 T__ 6227930 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=0
HU06A 2.04 60.6 Sn 11:15:32.498 2.1 T__ 6227932 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/15 02:54:54.21 2.30 0.91 45.6820 18.0025 11.5 6.4 21 0.4 3.6 19 14 102 0.27 1.95 ke BUD 17000450 BUD 198

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Magnitude Err Nsta Author OrigID
ML 2.1 0.3 7 BUD 17000450

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A273A 0.27 331.0 Pg 02:55:00.320 0.3 T__ 269.5 ___ ML 1.5 6229158 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.27 331.0 Lg 02:55:04.399 0.4 T__ 6229159 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOVH 0.41 9.5 Pg 02:55:02.723 -0.2 T__ 58.3 _d ML 1.2 6229161 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.41 9.5 Lg 02:55:08.069 -1.0 T__ 6229160 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
A264A 0.69 314.1 Lg 02:55:17.527 -0.2 T__ 6229165 FDSN Z3 00 BUD iLoc HHE ??? _
MORH 0.70 39.8 Pg 02:55:07.972 -0.3 T__ 43.2 ___ ML 1.5 6229166 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A265A 0.76 349.1 Pn 02:55:09.354 -1.4 T__ 211.8 ___ ML 2.2 6229162 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.76 349.1 Lg 02:55:19.762 -0.5 T__ 6229167 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A266A 0.86 12.1 Pg 02:55:12.334 0.7 T__ 146.7 ___ ML 2.1 6229168 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.86 12.1 Lg 02:55:25.521 1.2 T__ 6229163 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A263A 1.07 333.8 Pg 02:55:15.813 0.3 T__ 178.0 ___ ML 2.3 6229169 FDSN Z3 00 BUD iLoc HHZ HHZ _
A263A 1.07 333.8 Lg 02:55:30.273 -0.1 T__ 6229170 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
BLY 1.10 212.1 Sn 02:55:31.332 -0.6 T__ 6229164 FDSN MN -- BUD iLoc HHE ??? _
HU21A 1.37 61.0 Pg 02:55:21.374 0.5 T__ 175.2 ___ ML 2.5 6229171 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
A261A 1.40 335.3 Lg 02:55:39.543 -0.4 T__ 6229172 FDSN Z3 00 BUD iLoc HHN ??? _
MPLH 1.52 348.0 Sn 02:55:42.509 0.4 T__ 6229173 FDSN HU -- BUD iLoc HHN ??? _

```

| | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|-----|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| A260A | 1.84 | 331.2 | Lg | 02:55:55.486 | 2.3 | T__ | --- | 6229174 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| BUD | 1.94 | 21.0 | Lg | 02:55:59.008 | 0.2 | T__ | --- | 6229175 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| BEO | 1.95 | 115.7 | Lg | 02:56:00.492 | 0.4 | T__ | --- | 6229176 | FDSN | SJ | -- | BUD | iLoc | BHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/15 | 09:04:02.91 | 0.81 | 0.97 | 46.5077 | 16.4655 | 4.8 | 4.3 | 107 | 7.4 | 6.7 | 25 | 17 | 100 | 0.16 | 3.25 | ke | BUD | 17000452 | BUD | | | 116 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.1 | 13 BUD | 17000452 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|---------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOGS | 0.16 | 248.2 | Pg | 09:04:06.296 | -0.2 | | | | | T__ | | 622.3 | | --- | ML | 1.5 | 6229272 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.16 | 248.2 | Lg | 09:04:09.313 | 0.3 | | | | | T__ | | | | --- | | 6229273 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.22 | 99.8 | Pg | 09:04:07.413 | -0.3 | | | | | T__ | | 1100.8 | | --- | ML | 1.9 | 6229275 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.22 | 99.8 | Lg | 09:04:11.474 | 0.4 | | | | | T__ | | | | --- | | 6229274 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.36 | 6.8 | Pg | 09:04:09.565 | -0.7 | | | | | T__ | | 311.2 | | --- | ML | 1.8 | 6229283 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.36 | 6.8 | Lg | 09:04:16.577 | 1.3 | | | | | T__ | | | | --- | | 6229276 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.60 | 76.9 | Pg | 09:04:14.193 | -0.8 | | | | | T__ | | 1122.4 | | --- | ML | 2.9 | 6229277 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.60 | 76.9 | Lg | 09:04:22.910 | -0.4 | | | | | T__ | | | | --- | | 6229278 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.69 | 210.1 | Pg | 09:04:16.317 | -0.5 | | | | | T__ | | 99.1 | | --- | ML | 1.9 | 6229284 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.92 | 94.7 | Pg | 09:04:20.936 | -0.1 | | | | | T__ | | 260.3 | | --- | ML | 2.4 | 6229280 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.92 | 94.7 | Lg | 09:04:34.570 | 1.2 | | | | | T__ | | | | --- | | 6229285 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.97 | 339.1 | Pg | 09:04:21.830 | -0.0 | | | | | T__ | | 70.4 | | --- | ML | 1.9 | 6229281 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.97 | 339.1 | Sn | 09:04:35.464 | -0.1 | | | | | T__ | | | | --- | | 6229282 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.98 | 226.2 | Pn | 09:04:21.159 | -1.4 | | | | | T__ | | 97.0 | | --- | ML | 2.0 | 6229279 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.98 | 226.2 | Sn | 09:04:34.793 | -1.8 | | | | | T__ | | | | --- | | 6229286 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.99 | 47.7 | Pg | 09:04:21.994 | -0.3 | | | | | T__ | | 71.7 | | --- | ML | 1.9 | 6229289 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| TIH | 1.06 | 67.7 | Pn | 09:04:22.741 | -0.2 | | | | | T__ | | 241.5 | | --- | ML | 2.5 | 6229290 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.21 | 109.7 | Pn | 09:04:25.004 | 0.0 | | | | | T__ | | 44.3 | | --- | ML | 1.8 | 6229291 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.21 | 109.7 | Lg | 09:04:41.950 | 0.0 | | | | | T__ | | | | --- | | 6229292 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|-------|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| OBKA | 1.32 | 270.8 | Lg | 09:04:45.745 | 0.0 | T__ | | | | | | | | | 6229287 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| HU08A | 1.36 | 46.7 | Lg | 09:04:48.316 | 0.5 | T__ | | | | | | | | | 6229296 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| CGNA | 1.48 | 344.1 | Lg | 09:04:49.920 | -0.5 | T__ | | | | | | | | | 6229288 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| HU22A | 1.85 | 94.6 | Sn | 09:04:59.549 | 2.4 | T__ | | | | | | | | | 6229293 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU03A | 2.55 | 55.7 | Pn | 09:04:44.969 | 1.4 | T__ | | | | 90.5 | | | | | 6229294 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| HU24A | 3.25 | 81.2 | Pn | 09:04:54.152 | 1.0 | T__ | | | | 273.3 | | | | | 6229295 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|-----------------------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/02/15 | 10:35:41.38 | 1.02 | 0.47 | 48.4039 | 20.6703 | 6.0 | 3.7 | 53 | 0.0f | | 7 | 4 | 149 | 0.13 | 0.39 | ke | BUD | 17000454 | BUD | | | 242 |
| 2021/02/15 | 10:35:40.48 | 0.97 | 1.21 | 48.4470 | 20.7870f | | | | 0.0f | | 7 | 4 | 189 | 0.17 | 0.37 | kx | BUD_GT | 17000455 | BUD_GT | | | 281 |
| (locality : Meszes Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.0 | 0.1 | 4 BUD_GT | 17000455 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 286.6 | Pg | 10:35:43.994 | -0.1 | | | | | T__ | | 136.1 | | | ML | 0.9 | 6229378 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 286.6 | Lg | 10:35:46.452 | -0.6 | | | | | T__ | | | | | | 6229377 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 280.3 | Pg | 10:35:44.552 | -0.2 | | | | | T__ | | 249.7 | | | ML | 1.3 | 6229379 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 280.3 | Lg | 10:35:47.903 | -0.3 | | | | | T__ | | | | | | 6229381 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.34 | 116.4 | Pg | 10:35:49.581 | 2.0 | | | | | T__ | | 59.9 | | | ML | 1.0 | 6229380 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.37 | 208.4 | Pg | 10:35:48.108 | -0.3 | | | | | T__ | | 40.6 | | | ML | 0.9 | 6229383 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.37 | 208.4 | Lg | 10:35:52.653 | -2.0 | | | | | T__ | | | | | | 6229382 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|-----|
| 2021/02/15 | 12:09:23.34 | 2.24 | 0.31 | 47.8887 | 20.1553 | 5.0 | 3.5 | 160 | 0.3 | 3.6 | 10 | 7 | 119 | 0.18 | 0.66 | kx | BUD | 17000456 | BUD | | | | | 220 |
| 2021/02/15 | 12:09:23.07 | 0.92 | 0.45 | 47.8650 | 20.1529f | | | | 0.0f | | 10 | 7 | 119 | 0.18 | 0.68 | kx | BUD_GT | 17000457 | BUD_GT | | | | | 230 |
| (locality : Kismána Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.5 | 0.0 | 5 BUD_GT | 17000457 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 12:09:27.657 | 0.1 | | | | | T__ | | 453.6 | | | ML | 1.5 | 6229413 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 12:09:30.674 | -0.5 | | | | | T__ | | | | | | 6229414 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.5 magdef=1
ET1H 0.19 274.4 Pg 12:09:27.806 0.3 T__ 328.0 --- ML 1.3 6229416 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.19 274.4 Lg 12:09:30.860 -0.2 T__ --- 6229415 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU23A 0.24 163.9 Pg 12:09:29.200 0.7 T__ 629.1 --- ML 1.8 6229420 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU02A 0.36 44.0 Pg 12:09:30.711 -0.2 T__ 90.9 --- ML 1.3 6229417 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 12:09:36.318 -0.7 T__ --- 6229418 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU03A 0.37 276.2 Lg 12:09:37.544 0.4 T__ --- 6229421 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.66 19.7 Lg 12:09:46.038 -0.3 T__ --- 6229422 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.68 22.1 Pg 12:09:36.336 -0.4 T__ 40.1 --- ML 1.5 6229419 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/16 08:48:47.29 1.55 1.05 47.3624 18.4180 12.0 4.9 146 0.0f 14 10 110 0.11 1.29 sx BUD 17000458 BUD 128

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 17000458

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.11 270.4 Pg 08:48:50.164 0.1 T__ 2087.3 --- ML 1.9 6232972 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.11 270.4 Lg 08:48:51.877 -0.9 T__ --- 6232973 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW1 0.11 285.8 Pg 08:48:50.908 0.7 T__ 1182.6 --- ML 1.7 6232984 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.11 285.8 Lg 08:48:52.136 -0.8 T__ --- 6232985 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU09A 0.28 355.0 Lg 08:48:58.290 -0.2 T__ --- 6232974 FDSN ZJ 00 BUD iLoc HHN ??? _
HU10A 0.63 39.9 Lg 08:49:09.674 -1.2 T__ --- 6232975 FDSN ZJ 00 BUD iLoc HHE ??? _
ET1H 1.11 61.7 Sn 08:49:26.399 0.2 T__ --- 6232976 FDSN HU -- BUD iLoc HHE ??? _
PSZ 1.14 60.3 Pn 08:49:11.211 1.6 T__ 73.2 --- ML 2.0 6232978 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.14 60.3 Sn 08:49:27.453 -0.0 T__ --- 6232977 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MORH 1.16 172.2 Sn 08:49:27.376 0.4 T__ --- 6232981 FDSN HU -- BUD iLoc HHE ??? _
VYHS 1.17 13.8 Pn 08:49:11.790 1.8 T__ 16.7 --- ML 1.4 6232979 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.17 13.8 Lg 08:49:27.063 -0.9 T__ --- 6232980 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MODS 1.27 323.2 Sn 08:49:29.710 -0.9 T__ --- 6232982 FDSN SK -- BUD iLoc HHE ??? _
KOVH 1.29 189.9 Sn 08:49:31.428 1.1 T__ --- 6232983 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/16 09:00:30.04 0.92 1.24 46.3227 21.9746 5.6 4.4 154 0.0f 18 13 54 0.23 1.91 sx BUD 17000460 BUD 84

```

Magnitude Err Nsta Author OrigID
ML 2.2 0.2 6 BUD 17000460

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SIRR | 0.23 | 255.9 | Pg | 09:00:35.072 | -0.0 | | | | | T__ | | 358.2 | | --- | ML | 1.5 | 6233026 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.23 | 255.9 | Lg | 09:00:38.350 | -0.8 | | | | | T__ | | | | --- | | 6233025 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.69 | 47.0 | Pg | 09:00:44.311 | 0.3 | | | | | T__ | | 139.4 | | --- | ML | 2.0 | 6233027 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.69 | 47.0 | Lg | 09:00:53.251 | -1.9 | | | | | T__ | | | | --- | | 6233028 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.75 | 199.6 | Pg | 09:00:44.907 | 0.2 | | | | | T__ | | 100.0 | | --- | ML | 1.9 | 6233029 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.75 | 199.6 | Lg | 09:00:54.592 | -0.7 | | | | | T__ | | | | --- | | 6233030 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU24A | 0.81 | 316.5 | Lg | 09:00:58.168 | -0.8 | | | | | T__ | | | | --- | | 6233031 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| AMBH | 0.87 | 272.3 | Lg | 09:01:00.254 | -0.2 | | | | | T__ | | | | --- | | 6233032 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU06A | 1.05 | 292.4 | Lg | 09:01:06.811 | 0.7 | | | | | T__ | | | | --- | | 6233035 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| LTVH | 1.06 | 357.3 | Lg | 09:01:06.364 | -0.3 | | | | | T__ | | | | --- | | 6233036 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| GZR | 1.09 | 148.6 | Pg | 09:00:51.016 | 0.3 | | | | | T__ | | 155.0 | | --- | ML | 2.3 | 6233034 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.09 | 148.6 | Lg | 09:01:05.321 | -0.5 | | | | | T__ | | | | --- | | 6233033 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 1.19 | 70.2 | Lg | 09:01:09.046 | -1.3 | | | | | T__ | | | | --- | | 6233037 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| LOT | 1.53 | 124.3 | Pn | 09:00:58.615 | 0.2 | | | | | T__ | | 102.6 | | --- | ML | 2.4 | 6233039 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.53 | 124.3 | Sn | 09:01:19.327 | -0.4 | | | | | T__ | | | | --- | | 6233038 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BMR | 1.71 | 37.1 | Sn | 09:01:25.735 | 2.1 | | | | | T__ | | | | --- | | 6233040 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| ARCR | 1.81 | 64.2 | Sn | 09:01:27.374 | 1.4 | | | | | T__ | | | | --- | | 6233041 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| FRGS | 1.91 | 233.2 | Pn | 09:01:05.693 | 2.9 | | | | | T__ | | 60.2 | | --- | ML | 2.3 | 6233042 | FDSN | SJ | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/16 09:04:10.92 0.87 0.88 48.3004 19.0446 4.6 3.0 36 0.0f 21 14 52 0.24 1.39 sx BUD 17000462 BUD 92

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 7 BUD 17000462

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.24 | 324.4 | Pg | 09:04:15.582 | -0.4 | | | | | T__ | | 101.7 | | --- | ML | 1.0 | 6233089 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.24 | 324.4 | Lg | 09:04:18.637 | -1.2 | | | | | T__ | | | | --- | | 6233090 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.46 | 182.2 | Lg | 09:04:27.652 | -0.4 | | | | | T__ | | | | --- | | 6233091 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU03A | 0.54 | 136.6 | Lg | 09:04:31.377 | 0.7 | | | | | T__ | | | | --- | | 6233092 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.69 | 123.6 | Lg | 09:04:35.698 | -0.4 | | | | | T__ | | | | --- | | 6233093 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 0.70 | 127.0 | Lg | 09:04:35.996 | -0.1 | | | | | T__ | | | | --- | | 6233094 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| LANS | 0.90 | 18.1 | Pg | 09:04:28.769 | 0.1 | | | | | T__ | | 44.2 | | --- | ML | 1.6 | 6233095 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| LANS | 0.90 | 18.1 | Lg | 09:04:40.839 | 0.1 | T__ | --- | 6233096 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.98 | 78.7 | Pg | 09:04:30.781 | 0.4 | T__ | 67.0 | --- | ML | 1.9 | 6233098 | FDSN | SK | -- | BUD | iLoc | EZH | EZH | _ |
| KECS | 0.98 | 78.7 | Lg | 09:04:44.713 | -0.6 | T__ | --- | 6233097 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.01 | 99.7 | Pn | 09:04:31.824 | 0.5 | T__ | 48.9 | --- | ML | 1.7 | 6233099 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.01 | 99.7 | Lg | 09:04:45.607 | -1.4 | T__ | --- | 6233100 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A331A | 1.01 | 327.6 | Pg | 09:04:31.824 | 1.1 | T__ | 73.3 | --- | ML | 1.9 | 6233103 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A331A | 1.01 | 327.6 | Lg | 09:04:46.650 | 2.0 | T__ | --- | 6233104 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JOS | 1.02 | 78.3 | Pg | 09:04:31.302 | 0.3 | T__ | 35.1 | --- | ML | 1.6 | 6233102 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.02 | 78.3 | Lg | 09:04:45.682 | -0.7 | T__ | --- | 6233101 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.07 | 302.0 | Pg | 09:04:32.942 | 0.3 | T__ | 75.9 | --- | ML | 2.0 | 6233106 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.07 | 302.0 | Lg | 09:04:47.768 | -1.2 | T__ | --- | 6233105 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU08A | 1.15 | 221.4 | Sn | 09:04:50.375 | -0.6 | T__ | --- | 6233107 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| MODS | 1.18 | 274.2 | Sn | 09:04:51.269 | -1.0 | T__ | --- | 6233108 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | | |
| NIE | 1.39 | 36.1 | Lg | 09:04:57.155 | -0.2 | T__ | --- | 6233109 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/16 | 09:12:32.71 | 1.20 | 0.72 | 48.5951 | 19.7506 | 6.6 | 5.7 | 3 | 0.0f | | 10 | 7 | 161 | 0.50 | 1.15 | sx | BUD | 17000464 | BUD | | | 272 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 3 BUD | 17000464 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| KECS | 0.50 | 102.6 | Pg | 09:12:43.225 | 0.4 | | | | | T__ | | 74.5 | | --- | ML | 1.6 | 6233149 | FDSN | SK | -- | BUD | iLoc | EZH | EZH | _ | |
| KECS | 0.50 | 102.6 | Lg | 09:12:50.513 | 0.1 | | | | | T__ | | | | --- | | 6233144 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 100.4 | Pg | 09:12:43.211 | -0.2 | | | | | T__ | | 40.8 | | --- | ML | 1.4 | 6233143 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.53 | 100.4 | Lg | 09:12:51.085 | -0.4 | | | | | T__ | | | | --- | | 6233150 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.68 | 171.9 | Lg | 09:12:57.229 | -0.5 | | | | | T__ | | | | --- | | 6233147 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| HU03A | 0.70 | 188.4 | Lg | 09:12:57.753 | 0.0 | | | | | T__ | | | | --- | | 6233151 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | |
| HU02A | 0.70 | 132.2 | Pg | 09:12:48.437 | 1.2 | | | | | T__ | | 59.8 | | --- | ML | 1.7 | 6233146 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.70 | 132.2 | Lg | 09:12:57.303 | -0.9 | | | | | T__ | | | | --- | | 6233145 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.72 | 173.5 | Lg | 09:12:57.865 | -0.7 | | | | | T__ | | | | --- | | 6233152 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |
| A331A | 1.15 | 299.4 | Lg | 09:13:10.565 | -0.4 | | | | | T__ | | | | --- | | 6233148 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/02/16 | 10:58:16.50 | 3.38 | 1.28 | 48.1376 | 21.2464 | 21.3 | 7.8 | 123 | 0.0f | 8 | 6 | 258 | 0.16 | 1.43 | sx | BUD | 17000466 | BUD | | | | 282 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.16 | 358.4 | Lg | 10:58:22.180 | -1.3 | | | | | T__ | | | | --- | | 6233176 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| HU02A | 0.48 | 268.4 | Pg | 10:58:27.209 | 0.4 | | | | | T__ | | 36.4 | | --- | ML | 1.2 | 6233177 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.48 | 268.4 | Lg | 10:58:33.297 | -1.4 | | | | | T__ | | | | --- | | 6233180 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.59 | 307.5 | Pg | 10:58:29.125 | 0.7 | | | | | T__ | | 39.1 | | --- | ML | 1.4 | 6233181 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.59 | 307.5 | Lg | 10:58:37.565 | 0.1 | | | | | T__ | | | | --- | | 6233178 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.61 | 304.5 | Lg | 10:58:38.512 | 0.3 | | | | | T__ | | | | --- | | 6233182 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| PSZ | 0.93 | 256.9 | Lg | 10:58:48.666 | -1.6 | | | | | T__ | | | | --- | | 6233179 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 1.43 | 334.3 | Sn | 10:59:02.614 | -1.1 | | | | | T__ | | | | --- | | 6233175 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|--|-----|
| 2021/02/16 | 12:21:12.50 | 5.03 | 0.74 | 45.5942 | 17.2664 | 77.8 | 25.5 | 156 | 15.0f | 5 | 3 | 232 | 0.76 | 1.14 | ke | BUD | 17000468 | BUD | | | | | | 352 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.76 | 49.4 | Pn | 12:21:27.173 | -0.4 | | | | | T__ | | 45.2 | | --- | ML | 1.6 | 6233200 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.76 | 49.4 | Lg | 12:21:37.753 | -0.0 | | | | | T__ | | | | --- | | 6233201 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.96 | 289.5 | Sn | 12:21:45.203 | 0.3 | | | | | T__ | | | | --- | | 6233202 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| MORH | 1.14 | 56.7 | Pn | 12:21:32.910 | 0.2 | | | | | T__ | | 49.9 | | --- | ML | 1.8 | 6233204 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.14 | 56.7 | Sn | 12:21:49.226 | 0.9 | | | | | T__ | | | | --- | | 6233203 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/02/17 | 03:10:29.34 | 1.77 | 1.76 | 45.6822 | 16.0065 | 11.7 | 6.0 | 154 | 2.6 | 16.2 | 21 | 15 | 152 | 0.15 | 3.33 | ke | BUD | 17000470 | BUD | | | | | 216 |

Magnitude Err Nsta Author OrigID
ML 2.0 0.3 8 BUD 17000470

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZAG | 0.15 | 354.6 | Pg | 03:10:32.642 | 0.3 | | | | | T__ | | 1059.8 | | --- | ML | 1.7 | 6234569 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.15 | 354.6 | Lg | 03:10:35.715 | 1.1 | | | | | T__ | | | | --- | | 6234570 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.23 | 353.2 | Pg | 03:10:33.706 | -0.5 | | | | | T__ | | 149.5 | | --- | ML | 1.1 | 6234563 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.23 | 353.2 | Lg | 03:10:37.356 | -0.6 | | | | | T__ | | | | --- | | 6234562 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| CRES | 0.41 | 290.7 | Pg | 03:10:37.319 | -0.0 | T__ | | 51.0 | --- | ML | 1.1 | 6234564 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.41 | 290.7 | Lg | 03:10:43.466 | 0.0 | T__ | | | --- | | | 6234565 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.78 | 12.4 | Pn | 03:10:45.812 | -1.0 | T__ | | 105.1 | --- | ML | 2.0 | 6234566 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.78 | 12.4 | Lg | 03:10:57.172 | 2.3 | T__ | | | --- | | | 6234571 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.95 | 33.9 | Pg | 03:10:49.016 | 1.0 | T__ | | 109.1 | --- | ML | 2.1 | 6234567 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| A264A | 1.02 | 61.5 | Lg | 03:11:02.350 | -0.2 | T__ | | | --- | | | 6234572 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| BLY | 1.25 | 137.9 | Sn | 03:11:08.197 | -2.8 | T__ | | | --- | | | 6234577 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ |
| OBKA | 1.31 | 309.7 | Pn | 03:10:54.529 | -0.2 | T__ | | 62.1 | --- | ML | 2.0 | 6234568 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.31 | 309.7 | Sn | 03:11:11.774 | -1.1 | T__ | | | --- | | | 6234573 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.52 | 73.7 | Lg | 03:11:17.511 | -1.0 | T__ | | | --- | | | 6234574 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MORH | 1.92 | 72.9 | Lg | 03:11:28.612 | -2.4 | T__ | | | --- | | | 6234575 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| EGYH | 1.96 | 27.3 | Pg | 03:11:04.439 | -1.9 | T__ | | 80.8 | --- | ML | 2.5 | 6234578 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| SOP | 2.04 | 10.5 | Lg | 03:11:32.561 | -2.2 | T__ | | | --- | | | 6234576 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| HU22A | 2.27 | 72.4 | Sn | 03:11:37.216 | 2.1 | T__ | | | --- | | | 6234579 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| CSKK | 2.29 | 42.0 | Sn | 03:11:38.260 | 2.5 | T__ | | | --- | | | 6234580 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU06A | 3.33 | 70.4 | Pg | 03:11:32.936 | 0.4 | T__ | | 153.7 | --- | ML | 3.5 | 6234581 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU06A | 3.33 | 70.4 | Sn | 03:12:03.834 | 2.9 | T__ | | | --- | | | 6234582 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.5 magdef=0) | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/17 | 08:58:52.66 | 0.93 | 0.88 | 47.0957 | 17.9617 | 5.2 | 3.6 | 108 | 0.0f | | 12 | 10 | 112 | 0.20 | 1.52 | sx | BUD | 17000472 | BUD | | | 162 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.1 | 3 BUD | 17000472 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TIH | 0.20 | 193.5 | Pg | 08:58:57.327 | 0.1 | | | | | T__ | | 592.5 | | --- | ML | 1.6 | 6239917 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.27 | 39.3 | Lg | 08:59:02.764 | -0.9 | | | | | T__ | | | | --- | | 6239923 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.30 | 284.6 | Pg | 08:58:59.637 | 0.4 | | | | | T__ | | 102.3 | | --- | ML | 1.1 | 6239919 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.30 | 284.6 | Lg | 08:59:04.107 | -0.2 | | | | | T__ | | | | --- | | 6239918 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.31 | 21.2 | Pg | 08:59:00.388 | 1.1 | | | | | T__ | | 110.4 | | --- | ML | 1.2 | 6239925 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.31 | 21.2 | Lg | 08:59:04.122 | -0.9 | | | | | T__ | | | | --- | | 6239924 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.34 | 37.2 | Lg | 08:59:05.001 | -1.1 | | | | | T__ | | | | --- | | 6239915 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.34 | 355.6 | Lg | 08:59:04.778 | -1.2 | | | | | T__ | | | | --- | | 6239916 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.36 | 34.2 | Lg | 08:59:05.965 | -1.0 | | | | | T__ | | | | --- | | 6239926 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MORH | 1.00 | 151.7 | Lg | 08:59:27.874 | 0.7 | T__ | --- | 6239920 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| KOVH | 1.01 | 174.5 | Lg | 08:59:27.799 | -0.1 | T__ | --- | 6239921 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 1.52 | 22.5 | Sn | 08:59:42.067 | 0.1 | T__ | --- | 6239922 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/18 | 09:10:08.38 | 1.70 | 1.06 | 47.3580 | 18.3469 | 11.4 | 4.1 | 136 | 0.0f | | 13 | 10 | 108 | 0.06 | 1.28 | sx | BUD | 17000474 | BUD | | | 153 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 3 BUD | 17000474 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 275.0 | Pg | 09:10:10.539 | 0.3 | | | | | T__ | | 2262.6 | | --- | ML | 1.8 | 6245085 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 275.0 | Lg | 09:10:12.178 | -0.0 | | | | | T__ | | | | --- | | 6245086 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.07 | 300.3 | Pg | 09:10:10.884 | 0.4 | | | | | T__ | | 738.5 | | --- | ML | 1.4 | 6245094 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.07 | 300.3 | Lg | 09:10:12.152 | -0.4 | | | | | T__ | | | | --- | | 6245095 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.11 | 239.0 | Lg | 09:10:13.608 | -0.3 | | | | | T__ | | | | --- | | 6245096 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW3 | 0.15 | 279.6 | Lg | 09:10:15.252 | -0.0 | | | | | T__ | | | | --- | | 6245097 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.28 | 4.9 | Pg | 09:10:14.711 | 0.2 | | | | | T__ | | 247.9 | | --- | ML | 1.5 | 6245088 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.28 | 4.9 | Lg | 09:10:19.629 | -0.1 | | | | | T__ | | | | --- | | 6245087 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.30 | 284.5 | Lg | 09:10:19.405 | -0.8 | | | | | T__ | | | | --- | | 6245089 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.16 | 169.8 | Sn | 09:10:47.716 | -0.4 | | | | | T__ | | | | --- | | 6245092 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 1.18 | 16.0 | Sn | 09:10:47.269 | -2.3 | | | | | T__ | | | | --- | | 6245091 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.19 | 61.3 | Sn | 09:10:47.716 | -1.9 | | | | | T__ | | | | --- | | 6245090 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.28 | 187.7 | Sn | 09:10:50.250 | -0.9 | | | | | T__ | | | | --- | | 6245093 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/02/18 | 10:14:30.91 | 1.26 | 1.04 | 47.2292 | 18.2987 | 7.4 | 5.1 | 105 | 0.0f | | 14 | 9 | 150 | 0.09 | 1.32 | kx | BUD | 17000476 | BUD | | | 248 |
| 2021/02/18 | 10:14:31.04 | 0.91 | 0.97 | 47.2302 | 18.2835f | | | | 0.0f | | 14 | 9 | 149 | 0.09 | 1.32 | kx | BUD_GT | 17000477 | BUD_GT | | | 247 |

(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.1 | 0.2 | 6 BUD_GT | 17000477 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.09 | 325.6 | Pg | 10:14:33.825 | 0.4 | | | | | T__ | | 37.8 | | --- | ML | 0.1 | 6245156 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.09 | 325.6 | Lg | 10:14:35.056 | -0.8 | | | | | T__ | | | | --- | | 6245157 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 353.3 | Pg | 10:14:34.642 | 0.3 | | | | | T__ | | 273.4 | | --- | ML | 1.1 | 6245148 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 353.3 | Lg | 10:14:36.765 | -0.7 | | | | | T__ | | | | --- | | 6245149 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.16 | 354.2 | Pg | 10:14:35.767 | 0.8 | | | | | T__ | | 250.7 | | --- | ML | 1.2 | 6245158 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|---------|------|-----|---------|------|---------|-----------------------|
| MSW1 | 0.16 | 354.2 | Lg | 10:14:38.088 | -0.4 | T__ | --- | 6245159 | FDSN | HU | -- BUD | iLoc | HHE ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | |
| MSW3 | 0.19 | 325.1 | Pg | 10:14:35.956 | 0.6 | T__ | 117.6 | --- | ML | 0.9 | 6245161 | FDSN | HU | -- BUD iLoc HHZ HHZ _ |
| MSW3 | 0.19 | 325.1 | Lg | 10:14:38.988 | -0.2 | T__ | --- | 6245160 | FDSN | HU | -- BUD | iLoc | HHN ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | |
| HU08A | 0.32 | 309.6 | Lg | 10:14:43.098 | -0.5 | T__ | --- | 6245150 | FDSN | ZJ | 00 BUD | iLoc | HHE ??? | _ |
| MPLH | 0.51 | 263.5 | Pg | 10:14:42.428 | 0.8 | T__ | 60.9 | --- | ML | 1.5 | 6245151 | FDSN | HU | -- BUD iLoc HHZ HHZ _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | |
| MORH | 1.05 | 166.2 | Lg | 10:15:05.896 | -1.2 | T__ | --- | 6245152 | FDSN | HU | -- BUD | iLoc | HHE ??? | _ |
| A337A | 1.07 | 342.0 | Sn | 10:15:06.418 | -2.6 | T__ | --- | 6245153 | FDSN | Z3 | 00 BUD | iLoc | HHE ??? | _ |
| VYHS | 1.32 | 16.2 | Pg | 10:14:57.328 | -0.4 | T__ | 17.5 | --- | ML | 1.5 | 6245155 | FDSN | SK | -- BUD iLoc HHZ HHZ _ |
| VYHS | 1.32 | 16.2 | Sn | 10:15:14.687 | -0.8 | T__ | --- | 6245154 | FDSN | SK | -- BUD | iLoc | HHE ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/02/19 | 08:01:50.13 | 3.35 | 1.04 | 47.8551 | 21.2845 | 38.3 | 22.4 | 82 | 0.0f | 6 | 5 | 226 | 0.44 | 0.89 | sx | BUD | 17000480 | BUD | | | | 301 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|--------|--------|------|-----|-----|---|--|--|
| ABAH | 0.44 | 356.1 | Pn | 08:02:03.625 | -0.1 | | | | | T__ | | 322.7 | | --- | ML | 2.0 | 6247642 | FDSN | HU | -- BUD | iLoc | HHZ | HHZ | _ | | |
| ABAH | 0.44 | 356.1 | Lg | 08:02:07.052 | 0.0 | | | | | T__ | | | | --- | | 6247645 | FDSN | HU | -- BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.58 | 297.9 | Sn | 08:02:16.887 | 0.5 | | | | | T__ | | | | --- | | 6247646 | FDSN | ZJ | 00 BUD | iLoc | HHN | ??? | _ | | | |
| JOS | 0.81 | 322.4 | Sn | 08:02:21.804 | 0.1 | | | | | T__ | | | | --- | | 6247643 | FDSN | ZJ | -- BUD | iLoc | HHE | ??? | _ | | | |
| KECS | 0.83 | 319.9 | Sn | 08:02:23.294 | 1.2 | | | | | T__ | | | | --- | | 6247644 | FDSN | SK | -- BUD | iLoc | EHE | ??? | _ | | | |
| TRPA | 0.89 | 71.4 | Sn | 08:02:25.157 | 1.2 | | | | | T__ | | | | --- | | 6247647 | FDSN | HU | -- BUD | iLoc | HHN | ??? | _ | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/02/19 | 22:52:54.99 | 2.42 | 0.08 | 47.3673 | 18.2981 | 15.2 | 7.2 | 92 | 3.0f | 4 | 3 | 268 | 0.03 | 0.09 | ke | BUD | 17000482 | BUD | | | | 321 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|---------|--------|--------|--------|------|-----|-----|---|--|--|
| CSKK | 0.03 | 260.7 | Lg | 22:52:57.163 | 0.0 | | | | | T__ | | | | --- | | 6249001 | FDSN | HU | -- BUD | iLoc | HHN | ??? | _ | | | |
| MSW1 | 0.04 | 314.0 | Lg | 22:52:57.413 | -0.0 | | | | | T__ | | | | --- | | 6248998 | FDSN | HU | -- BUD | iLoc | HHN | ??? | _ | | | |
| MSW2 | 0.09 | 222.4 | Pg | 22:52:57.158 | 0.0 | | | | | T__ | 31.3 | | | --- | ML | 0.0 | 6249000 | FDSN | HU | -- BUD | iLoc | HHZ | HHZ | _ | | |
| MSW2 | 0.09 | 222.4 | Lg | 22:52:59.041 | -0.1 | | | | | T__ | | | | --- | | 6248999 | FDSN | HU | -- BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 0.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/02/20 | 06:21:40.90 | 1.18 | 0.65 | 47.6641 | 20.3462 | 8.1 | 3.6 | 23 | 8.6 | 9.0 | 15 | 9 | 72 | 0.01 | 0.87 | ke | BUD | 17000484 | BUD | | | | 129 |

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Magnitude Err Nsta Author      OrigID
ML      1.9 0.2   6 BUD      17000484

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TENKA | 0.01 | 173.0 | Pg | 06:21:43.150 | 0.4 | | | | | T__ | | 3766.1 | | _c_ | ML | 1.9 | 6249393 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TENKA | 0.01 | 173.0 | Lg | 06:21:43.797 | -0.4 | | | | | T__ | | | | --- | | 6249394 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATANC | 0.05 | 176.0 | Pg | 06:21:43.379 | 0.4 | | | | | T__ | | 8294.3 | | _c_ | ML | 2.4 | 6249392 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ATANC | 0.05 | 176.0 | Lg | 06:21:43.979 | -0.7 | | | | | T__ | | | | --- | | 6249401 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.07 | 249.0 | Pg | 06:21:43.733 | 0.4 | | | | | T__ | | 463.0 | | _d_ | ML | 1.2 | 6249391 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU23A | 0.07 | 249.0 | Lg | 06:21:44.728 | -0.4 | | | | | T__ | | | | --- | | 6249395 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.39 | 304.1 | Lg | 06:21:54.805 | -0.4 | | | | | T__ | | | | --- | | 6249396 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 0.40 | 310.0 | Lg | 06:21:55.196 | -0.9 | | | | | T__ | | | | --- | | 6249397 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 0.47 | 14.6 | Pg | 06:21:50.912 | 0.0 | | | | | T__ | | 37.6 | | --- | ML | 1.2 | 6249399 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.47 | 14.6 | Lg | 06:21:58.269 | -0.2 | | | | | T__ | | | | --- | | 6249398 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.55 | 101.6 | Pg | 06:21:52.644 | 0.3 | | | | | T__ | | 180.3 | | --- | ML | 2.1 | 6249400 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU05A | 0.55 | 101.6 | Lg | 06:21:59.299 | -1.4 | | | | | T__ | | | | --- | | 6249402 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.84 | 8.8 | Lg | 06:22:10.028 | 0.4 | | | | | T__ | | | | --- | | 6249403 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.87 | 43.2 | Pg | 06:21:58.480 | 0.2 | | | | | T__ | | 72.1 | | --- | ML | 1.8 | 6249405 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.87 | 43.2 | Lg | 06:22:11.220 | 0.3 | | | | | T__ | | | | --- | | 6249404 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/02/22 09:47:24.16  1.26  0.63  48.6730  20.4434  13.3  4.5  57  11.5  10.1  16  8  178  0.19  1.08  ke BUD      17000486  BUD  224

```

```

Magnitude Err Nsta Author      OrigID
ML      1.6 0.2   8 BUD      17000486

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 160.2 | Pg | 09:47:28.704 | 0.2 | | | | | T__ | | 297.2 | | --- | ML | 1.3 | 6252715 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 160.2 | Lg | 09:47:32.131 | 0.3 | | | | | T__ | | | | --- | | 6252716 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.19 | 171.6 | Pg | 09:47:28.481 | -0.1 | | | | | T__ | | 358.8 | | --- | ML | 1.4 | 6252718 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.19 | 171.6 | Lg | 09:47:31.535 | -0.5 | | | | | T__ | | | | --- | | 6252717 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.55 | 174.3 | Pg | 09:47:36.266 | 0.5 | | | | | T__ | | 55.7 | | --- | ML | 1.6 | 6252720 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.55 | 174.3 | Lg | 09:47:44.126 | -0.0 | | | | | T__ | | | | --- | | 6252719 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.65 | 125.2 | Pn | 09:47:37.980 | -0.0 | | | | | T__ | | 92.9 | | --- | ML | 1.8 | 6252721 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

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ABAH  0.65 125.2 Sn    09:47:47.777 -1.7      T__          ___    6252722   FDSN HU    -- BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
LANS  0.80 307.0 Pg    09:47:40.079  0.0      T__    44.4    ___ ML    1.6 6252726   FDSN SK    -- BUD  iLoc  EHZ EHZ _
LANS  0.80 307.0 Lg    09:47:50.496  0.0      T__          ___    6252723   FDSN SK    -- BUD  iLoc  EHE ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
PSZ   0.84 206.1 Pn    09:47:41.184  0.2      T__    88.4    ___ ML    1.9 6252724   FDSN GE    -- BUD  iLoc  HHZ HHZ _
PSZ   0.84 206.1 Sn    09:47:53.514 -1.0      T__          ___    6252725   FDSN GE    -- BUD  iLoc  HHE ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=0
ET1H  0.88 205.9 Pg    09:47:42.240 -0.2      T__    80.5    ___ ML    1.9 6252727   FDSN HU    -- BUD  iLoc  HHZ HHZ _
ET1H  0.88 205.9 Sn    09:47:55.017  0.0      T__          ___    6252728   FDSN HU    -- BUD  iLoc  HHE ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
VYHS  1.08 261.1 Pg    09:47:46.002  0.2      T__    23.2    ___ ML    1.5 6252729   FDSN SK    -- BUD  iLoc  HHZ HHZ _
VYHS  1.08 261.1 Sn    09:48:00.009 -0.4      T__          ___    6252730   FDSN SK    -- BUD  iLoc  HHE ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef  Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/02/22 09:49:42.63  0.99  1.32 45.6428  17.2992  7.0   5.1 151  0.0f      15   10 112  0.45  2.96   sx BUD      17000488  BUD          214

```

```

Magnitude  Err Nsta Author      OrigID
ML         2.1 0.1   8 BUD      17000488

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
A273A 0.45 52.7 Pg    09:49:52.511  0.3    T__          ___ ML    2.1 6252839   FDSN Z3    00 BUD  iLoc  HHZ HHZ _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=1
KOVH  0.72 51.2 Pg    09:49:56.758 -0.7    T__    189.1    ___ ML    2.2 6252840   FDSN HU    -- BUD  iLoc  HHZ HHZ _
KOVH  0.72 51.2 Lg    09:50:06.741 -0.9    T__          ___    6252841   FDSN HU    -- BUD  iLoc  HHN ??? _
(Reading ML:  2.2 magdef=1
(Station ML:  2.2 magdef=1
BLY   0.90 185.3 Pg    09:49:59.961 -0.1    T__    62.2    ___ ML    1.8 6252842   FDSN MN    -- BUD  iLoc  HHZ HHZ _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
PTJ   0.97 286.3 Pg    09:50:01.526 -0.4    T__    86.7    ___ ML    2.0 6252843   FDSN CR    -- BUD  iLoc  BHZ BHZ _
PTJ   0.97 286.3 Lg    09:50:15.086 -0.6    T__          ___    6252844   FDSN CR    -- BUD  iLoc  BHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1
KOGS  1.09 318.2 Pg    09:50:04.357  0.2    T__    90.0    ___ ML    2.1 6252847   FDSN SL    -- BUD  iLoc  BHZ BHZ _
KOGS  1.09 318.2 Sn    09:50:20.152  0.1    T__          ___    6252848   FDSN SL    -- BUD  iLoc  BHN ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=1
MORH  1.10 58.1 Pn    09:50:03.687 -0.5    T__    36.6    ___ ML    1.7 6252846   FDSN HU    -- BUD  iLoc  HHZ HHZ _
MORH  1.10 58.1 Sn    09:50:19.109 -1.4    T__          ___    6252845   FDSN HU    -- BUD  iLoc  HHE ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=0
OBKA  2.10 295.3 Lg    09:50:52.724  2.4    T__          ___    6252849   FDSN OE    -- BUD  iLoc  HHN ??? _
AMBH  2.49 72.3 Pn    09:50:25.261  1.7    T__          ___    6252851   FDSN HU    -- BUD  iLoc  HHZ ??? _
AMBH  2.49 72.3 Sn    09:50:56.533  1.9    T__          ___    6252850   FDSN HU    -- BUD  iLoc  HHN ??? _

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HU23A 2.85 44.4 Pn 09:50:30.116 1.7 T__ 388.6 ___ ML 3.7 6252852 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 (Reading ML: 3.7 magdef=1
 (Station ML: 3.7 magdef=0
 HU24A 2.96 63.3 Pn 09:50:31.274 1.2 T__ 243.0 ___ ML 3.5 6252853 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 (Reading ML: 3.5 magdef=1
 (Station ML: 3.5 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/02/22 10:01:06.14 2.68 1.07 48.8587 21.6521 19.7 16.4 171 0.0f 15 8 197 0.63 1.54 sx BUD 17000490 BUD 263

Magnitude Err Nsta Author OrigID
 ML 2.1 0.1 8 BUD 17000490

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-------|------|-------|-------|--|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| ABAH | 0.63 | 206.1 | Pn | 10:01:20.185 | -2.1 | | | | | T__ | | 109.7 | | ___ | ML | 1.9 6252905 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.63 | 206.1 | Lg | 10:01:30.019 | 0.9 | | | | | T__ | | | | --- | | 6252906 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.82 | 244.2 | Pg | 10:01:22.420 | 0.0 | | | | | T__ | | 120.4 | | ___ | ML | 2.0 6252907 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.82 | 244.2 | Lg | 10:01:34.668 | 0.0 | | | | | T__ | | | | --- | | 6252900 | FDSN | ZJ | -- | BUD | iLoc | HHZ | ??? | _ |
| | | | | (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.86 | 244.5 | Pn | 10:01:24.089 | -0.3 | | | | | T__ | | 173.1 | | ___ | ML | 2.2 6252901 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.86 | 244.5 | Lg | 10:01:35.717 | -0.2 | | | | | T__ | | | | --- | | 6252912 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ |
| | | | | (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.94 | 140.7 | Pn | 10:01:25.430 | -0.1 | | | | | T__ | | 108.1 | | ___ | ML | 2.1 6252904 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.94 | 140.7 | Sn | 10:01:40.629 | -1.0 | | | | | T__ | | | | --- | | 6252903 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.05 | 302.7 | Pn | 10:01:28.192 | 0.8 | | | | | T__ | | 90.5 | | ___ | ML | 2.0 6252913 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| | | | | (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.05 | 225.9 | Pn | 10:01:26.890 | -0.3 | | | | | T__ | | 132.3 | | ___ | ML | 2.2 6252908 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.05 | 225.9 | Lg | 10:01:41.975 | -1.2 | | | | | T__ | | | | --- | | 6252914 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| | | | | (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.50 | 231.9 | Pn | 10:01:34.788 | 1.2 | | | | | T__ | | 106.9 | | ___ | ML | 2.4 6252909 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.50 | 231.9 | Sn | 10:01:55.350 | 0.1 | | | | | T__ | | | | --- | | 6252910 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.54 | 231.1 | Pn | 10:01:34.937 | 1.0 | | | | | T__ | | 59.7 | | ___ | ML | 2.1 6252911 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.54 | 231.1 | Sn | 10:01:57.317 | 1.7 | | | | | T__ | | | | --- | | 6252902 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/02/22 11:35:42.05 1.02 0.90 47.5459 18.5004 6.7 3.8 110 0.0f 9 6 106 0.12 1.34 kx BUD 17000492 BUD 162
 2021/02/22 11:35:42.29 0.94 0.82 47.5600 18.4573f 0.0f 9 6 103 0.09 1.35 kx BUD_GT 17000493 BUD_GT 159
 (locality : Tatabánya Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.6 0.0 3 BUD_GT 17000493

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 11:35:45.316 | 0.6 | | | | | T__ | | 2145.8 | | --- | ML | 1.9 6252949 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 11:35:47.476 | 0.4 | | | | | T__ | | | | --- | | 6252950 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 11:35:47.849 | 0.3 | | | | | T__ | | 396.6 | | --- | ML | 1.6 6252952 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 11:35:51.499 | -0.7 | | | | | T__ | | | | --- | | 6252951 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.97 | 15.1 | Pn | 11:36:02.600 | 0.3 | | | | | T__ | | 32.1 | | --- | ML | 1.5 6252953 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.97 | 15.1 | Lg | 11:36:15.564 | -0.6 | | | | | T__ | | | | --- | | 6252954 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.01 | 71.0 | Lg | 11:36:16.607 | -1.7 | | | | | T__ | | | | --- | | 6252955 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MODS | 1.14 | 316.2 | Sn | 11:36:21.375 | -1.0 | | | | | T__ | | | | --- | | 6252956 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| MORH | 1.35 | 174.5 | Sn | 11:36:26.814 | 0.0 | | | | | T__ | | | | --- | | 6252957 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/02/23 09:28:43.33 1.45 1.04 47.3913 18.3671 9.7 5.3 119 0.0f 10 6 108 0.07 1.19 sx BUD 17000494 BUD 167

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 4 BUD 17000494

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| MSW1 | 0.07 | 271.3 | Pg | 09:28:45.988 | 0.5 | | | | | T__ | | 582.7 | | --- | ML | 1.3 6253189 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.07 | 271.3 | Lg | 09:28:47.405 | -0.2 | | | | | T__ | | | | --- | | 6253190 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.08 | 248.8 | Pg | 09:28:45.614 | 0.1 | | | | | T__ | | 767.8 | | --- | ML | 1.4 6253183 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.08 | 248.8 | Lg | 09:28:47.228 | -0.6 | | | | | T__ | | | | --- | | 6253188 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.14 | 230.1 | Pg | 09:28:47.287 | 0.6 | | | | | T__ | | 119.1 | | --- | ML | 0.8 6253192 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.14 | 230.1 | Lg | 09:28:49.116 | -0.7 | | | | | T__ | | | | --- | | 6253191 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.15 | 15.8 | Pn | 09:29:06.698 | 0.9 | | | | | T__ | | 19.0 | | --- | ML | 1.4 6253187 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.15 | 15.8 | Lg | 09:29:22.418 | -0.9 | | | | | T__ | | | | --- | | 6253186 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.16 | 62.4 | Sn | 09:29:22.716 | -1.2 | | | | | T__ | | | | --- | | 6253184 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| MORH | 1.19 | 170.7 | Sn | 09:29:22.195 | -1.7 | | | | | T__ | | | | --- | | 6253185 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/02/23 10:00:41.90 0.87 1.19 47.8541 19.1386 8.4 2.7 172 0.0f 15 9 156 0.08 1.14 kx BUD 17000496 BUD 176

2021/02/23 10:00:41.75 0.86 1.19 47.8355 19.1270f 0.0f 15 9 159 0.07 1.15 kx BUD_GT 17000497 BUD_GT 192
 (locality : Sejce-Vác Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.6 0.2 6 BUD_GT 17000497

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 10:00:44.688 | 0.9 | | | | | T__ | | 2680.3 | | --- | ML | 1.9 | 6253232 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 10:00:45.731 | 0.1 | | | | | T__ | | | | --- | | 6253233 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.33 | 77.7 | Pg | 10:00:50.201 | 1.3 | | | | | T__ | | 136.0 | | --- | ML | 1.3 | 6253234 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.33 | 77.7 | Lg | 10:00:54.150 | -0.0 | | | | | T__ | | | | --- | | 6253235 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.50 | 84.8 | Pg | 10:00:52.511 | -0.1 | | | | | T__ | | 38.7 | | --- | ML | 1.3 | 6253237 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.50 | 84.8 | Lg | 10:00:59.216 | -1.2 | | | | | T__ | | | | --- | | 6253236 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.52 | 80.6 | Lg | 10:01:00.408 | -1.1 | | | | | T__ | | | | --- | | 6253238 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 0.69 | 343.6 | Lg | 10:01:04.804 | -1.2 | | | | | T__ | | | | --- | | 6253239 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.91 | 244.0 | Lg | 10:01:13.670 | -0.5 | | | | | T__ | | | | --- | | 6253240 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 0.98 | 72.5 | Pn | 10:01:01.887 | 0.1 | | | | | T__ | | 38.9 | | --- | ML | 1.6 | 6253229 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 72.5 | Lg | 10:01:14.490 | -3.1 | | | | | T__ | | | | --- | | 6253241 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.12 | 54.0 | Pg | 10:01:04.283 | 0.3 | | | | | T__ | | 82.9 | | --- | ML | 2.0 | 6253243 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 1.12 | 54.0 | Sn | 10:01:20.152 | -0.7 | | | | | T__ | | | | --- | | 6253242 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.15 | 54.5 | Pn | 10:01:04.420 | 0.4 | | | | | T__ | | 29.6 | | --- | ML | 1.6 | 6253230 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.15 | 54.5 | Sn | 10:01:20.066 | -1.6 | | | | | T__ | | | | --- | | 6253231 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/02/23 10:10:40.30 1.40 0.49 48.2098 21.2786 8.5 5.6 124 0.0f 15 8 156 0.09 1.37 sx BUD 17000498 BUD 267

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 7 BUD 17000498

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.09 | 343.2 | Pg | 10:10:42.869 | 0.2 | | | | | T__ | | 11974.3 | | --- | ML | 2.6 | 6253284 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.09 | 343.2 | Lg | 10:10:44.135 | -0.8 | | | | | T__ | | | | --- | | 6253285 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.51 | 260.4 | Pg | 10:10:51.362 | 0.2 | | | | | T__ | | 76.7 | | --- | ML | 1.6 | 6253287 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.51 | 260.4 | Lg | 10:10:59.036 | -0.4 | | | | | T__ | | | | --- | | 6253286 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.57 | 300.4 | Pg | 10:10:52.293 | 0.5 | | | | | T__ | | 87.4 | | --- | ML | 1.8 | 6253288 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |

```

JOS 0.57 300.4 Lg 10:11:00.265 -0.2 T__ --- 6253289 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.60 297.6 Pg 10:10:52.927 0.6 T__ 155.6 --- ML 2.0 6253291 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.60 297.6 Lg 10:11:00.973 -0.4 T__ --- 6253290 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TRPA 0.85 94.9 Pn 10:10:58.105 -0.2 T__ 91.4 --- ML 1.9 6253292 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.85 94.9 Lg 10:11:10.696 -0.3 T__ --- 6253293 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.97 253.1 Pg 10:11:00.861 0.1 T__ 86.1 --- ML 2.0 6253294 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.97 253.1 Lg 10:11:14.793 -0.6 T__ --- 6253295 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 1.00 251.2 Pg 10:11:01.383 0.2 T__ 46.2 --- ML 1.7 6253297 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.00 251.2 Lg 10:11:15.464 -0.4 T__ --- 6253296 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 1.37 332.2 Sn 10:11:25.596 -0.7 T__ --- 6253298 FDSN PL -- BUD iLoc BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/23 10:34:28.03 3.52 0.63 48.8541 20.7134 22.7 8.9 167 0.0f 7 4 305 0.38 0.74 sx BUD 17000500 BUD 347

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.3 4 BUD 17000500

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.38 197.9 Pg 10:34:35.811 0.2 T__ 64.4 --- ML 1.2 6253330 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.38 197.9 Lg 10:34:42.069 0.6 T__ --- 6253331 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.40 202.2 Pg 10:34:35.811 -0.3 T__ 79.5 --- ML 1.3 6253333 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.40 202.2 Lg 10:34:42.069 -0.2 T__ --- 6253332 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH 0.66 147.8 Pg 10:34:41.426 0.2 T__ 90.2 --- ML 1.8 6253336 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.66 147.8 Lg 10:34:51.158 -0.9 T__ --- 6253335 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.74 189.8 Pn 10:34:44.602 -0.1 T__ 41.5 --- ML 1.5 6253334 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/23 11:01:58.74 0.86 1.01 48.3622 18.4643 6.0 3.5 1 0.0f 15 9 108 0.28 1.40 sx BUD 17000502 BUD 154

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 5 BUD 17000502

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.28 | 61.8 | Pg | 11:02:05.264 | 0.6 | | | | | T__ | | 75.2 | | --- | ML | 1.0 | 6253371 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.28 | 61.8 | Lg | 11:02:08.766 | -0.3 | | | | | T__ | | | | --- | | 6253372 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.72 | 313.7 | Pg | 11:02:14.056 | 0.4 | | | | | T__ | | 105.4 | | --- | ML | 1.9 | 6253373 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.72 | 313.7 | Lg | 11:02:24.337 | -0.7 | | | | | T__ | | | | --- | | 6253374 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.79 | 271.3 | Pg | 11:02:15.844 | 1.0 | | | | | T__ | | | | --- | | 6253375 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.79 | 271.3 | Lg | 11:02:25.082 | -2.1 | | | | | T__ | | | | --- | | 6253376 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 1.00 | 201.5 | Lg | 11:02:34.246 | 0.1 | | | | | T__ | | | | --- | | 6253377 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.06 | 114.3 | Pn | 11:02:20.761 | 0.7 | | | | | T__ | | 65.7 | | --- | ML | 1.9 | 6253379 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.06 | 114.3 | Lg | 11:02:34.991 | -1.6 | | | | | T__ | | | | --- | | 6253378 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.06 | 116.6 | Pn | 11:02:20.463 | 0.6 | | | | | T__ | | 37.5 | | --- | ML | 1.7 | 6253380 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.06 | 116.6 | Lg | 11:02:34.991 | -1.3 | | | | | T__ | | | | --- | | 6253381 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.35 | 84.1 | Sn | 11:02:43.410 | -0.5 | | | | | T__ | | | | --- | | 6253382 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| JOS | 1.39 | 83.7 | Pn | 11:02:25.008 | 0.6 | | | | | T__ | | 34.7 | | --- | ML | 1.8 | 6253384 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.39 | 83.7 | Sn | 11:02:44.751 | -0.0 | | | | | T__ | | | | --- | | 6253383 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.40 | 99.1 | Sn | 11:02:44.602 | -0.6 | | | | | T__ | | | | --- | | 6253385 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/23 | 15:22:46.89 | 1.07 | 0.84 | 47.7887 | 16.1830 | 4.9 | 4.3 | 158 | 11.4 | 12.9 | 10 | 7 | 109 | 0.23 | 0.94 | ke | BUD | 17000504 | BUD | | | 174 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.6 | 4 BUD | 17000504 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A004A | 0.23 | 39.5 | Lg | 15:22:56.256 | 0.9 | | | | | T__ | | | | --- | | 6253418 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| CONA | 0.26 | 302.9 | Pg | 15:22:52.084 | -0.5 | | | | | T__ | | 81.6 | | --- | ML | 0.9 | 6253416 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 302.9 | Lg | 15:22:55.884 | -0.6 | | | | | T__ | | | | --- | | 6253417 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.41 | 201.8 | Pg | 15:22:54.990 | -0.3 | | | | | T__ | | 54.6 | | --- | ML | 1.2 | 6253419 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.41 | 201.8 | Lg | 15:23:00.643 | -0.0 | | | | | T__ | | | | --- | | 6253423 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A003A | 0.59 | 92.6 | Pg | 15:22:58.892 | 0.1 | | | | | T__ | | 325.8 | | --- | ML | 2.3 | 6253425 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 298.0 | Pg | 15:22:58.669 | 0.2 | | | | | T__ | | 93.7 | | --- | ML | 1.8 | 6253424 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 298.0 | Lg | 15:23:07.134 | 0.9 | | | | | T__ | | | | --- | | 6253420 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.75 | 266.9 | Lg | 15:23:11.902 | 0.9 | | | | | T__ | | | | --- | | 6253421 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.94 | 51.0 | Lg | 15:23:18.533 | -1.1 | | | | | T__ | | | | --- | | 6253422 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/02/24 | 10:23:32.79 | 1.23 | 0.99 | 47.2297 | 18.2475 | 10.0 | 5.8 | 80 | 0.0f | 10 | 6 | 147 | 0.08 | 1.33 | kx | BUD | 17000510 | BUD | | | | 295 |
| 2021/02/24 | 10:23:32.69 | 0.95 | 0.80 | 47.2302 | 18.2835f | | | | 0.0f | 10 | 6 | 149 | 0.09 | 1.32 | kx | BUD_GT | 17000511 | BUD_GT | | | | 293 |

(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.2 | 0.1 | 4 BUD_GT | 17000511 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.09 | 325.6 | Pg | 10:23:35.721 | 0.6 | | | | | T__ | | 457.3 | | ___ | ML | 1.2 | 6257906 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.09 | 325.6 | Lg | 10:23:36.621 | -0.9 | | | | | T__ | | | | ___ | | 6257907 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 353.3 | Pg | 10:23:36.417 | 0.4 | | | | | T__ | | 261.6 | | ___ | ML | 1.1 | 6257900 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 353.3 | Lg | 10:23:38.307 | -0.8 | | | | | T__ | | | | ___ | | 6257901 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.16 | 354.2 | Pg | 10:23:37.580 | 1.0 | | | | | T__ | | 234.2 | | ___ | ML | 1.1 | 6257909 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.16 | 354.2 | Lg | 10:23:39.288 | -0.9 | | | | | T__ | | | | ___ | | 6257908 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.32 | 309.6 | Lg | 10:23:44.079 | -1.2 | | | | | T__ | | | | ___ | | 6257902 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.05 | 166.2 | Pg | 10:23:53.937 | 0.3 | | | | | T__ | | 146.6 | | ___ | ML | 2.2 | 6257904 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.05 | 166.2 | Lg | 10:24:08.392 | -0.4 | | | | | T__ | | | | ___ | | 6257903 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.32 | 16.2 | Sn | 10:24:16.514 | -0.7 | | | | | T__ | | | | ___ | | 6257905 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/02/24 | 10:38:47.16 | 1.16 | 0.65 | 48.5517 | 20.7769 | 7.4 | 3.8 | 14 | 0.0f | 15 | 8 | 184 | 0.17 | 1.29 | sx | BUD | 17000512 | BUD | | | | 256 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.3 | 8 BUD | 17000512 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 250.6 | Pg | 10:38:51.337 | 0.6 | | | | | T__ | | 489.2 | | ___ | ML | 1.5 | 6258046 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 250.6 | Lg | 10:38:53.533 | -0.0 | | | | | T__ | | | | ___ | | 6258047 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 250.6 | Pg | 10:38:51.796 | 0.3 | | | | | T__ | | 1041.6 | | ___ | ML | 1.9 | 6258049 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.21 | 250.6 | Lg | 10:38:54.427 | -0.4 | | | | | T__ | | | | ___ | | 6258048 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.40 | 129.5 | Pg | 10:38:55.832 | 0.4 | | | | | T__ | | 104.0 | | ___ | ML | 1.4 | 6258050 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.40 | 129.5 | Lg | 10:39:01.782 | -0.6 | | | | | T__ | | | | ___ | | 6258052 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.46 | 201.4 | Pg | 10:38:57.185 | 0.2 | | | | | T__ | | 62.5 | | ___ | ML | 1.4 | 6258051 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| HU02A | 0.46 | 201.4 | Lg | 10:39:03.468 | -1.0 | T__ | | | | | | | | 6258053 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.87 | 223.3 | Pn | 10:39:05.664 | 0.0 | T__ | 86.6 | | | | | | | 6258055 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.87 | 223.3 | Lg | 10:39:17.897 | -0.6 | T__ | | | | | | | | 6258054 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.91 | 222.3 | Pn | 10:39:06.532 | 0.5 | T__ | 74.8 | | | | | | | 6258056 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.91 | 222.3 | Lg | 10:39:19.098 | -0.3 | T__ | | | | | | | | 6258057 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| LANS | 1.05 | 305.2 | Pg | 10:39:07.631 | -0.3 | T__ | 45.4 | | | | | | | 6258058 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.29 | 268.2 | Pn | 10:39:12.125 | 0.5 | T__ | 25.1 | | | | | | | 6258059 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.29 | 268.2 | Sn | 10:39:29.594 | -1.4 | T__ | | | | | | | | 6258060 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/24 | 12:16:46.64 | 1.12 | 0.84 | 47.3608 | 18.3918 | 7.9 | 3.4 | 144 | 0.1f | | 15 | 11 | 109 | 0.09 | 1.29 | sx | BUD | 17000514 | BUD | | | 127 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 4 BUD | 17000514 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|--------|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 271.5 | Pg | 12:16:49.753 | 0.7 | | | | | T__ | | 2633.8 | | | ML | 2.0 | 6258148 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 271.5 | Lg | 12:16:50.570 | -0.8 | | | | | T__ | | | | | | 6258149 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.10 | 289.6 | Pg | 12:16:50.056 | 0.9 | | | | | T__ | 1610.8 | | | | ML | 1.8 | 6258158 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.10 | 289.6 | Lg | 12:16:51.096 | -0.5 | | | | | T__ | | | | | | 6258159 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.14 | 244.6 | Pg | 12:16:50.710 | 0.8 | | | | | T__ | 402.8 | | | | ML | 1.3 | 6258161 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.14 | 244.6 | Lg | 12:16:51.809 | -1.2 | | | | | T__ | | | | | | 6258160 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.18 | 277.1 | Lg | 12:16:53.265 | -1.2 | | | | | T__ | | | | | | 6258162 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.28 | 358.7 | Lg | 12:16:57.313 | -0.5 | | | | | T__ | | | | | | 6258150 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.64 | 41.0 | Pg | 12:17:00.377 | 0.3 | | | | | T__ | 93.8 | | | | ML | 1.8 | 6258152 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.64 | 41.0 | Lg | 12:17:09.980 | -0.6 | | | | | T__ | | | | | | 6258151 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.13 | 62.1 | Sn | 12:17:25.968 | 0.1 | | | | | T__ | | | | | | 6258154 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.16 | 60.7 | Sn | 12:17:27.040 | -0.1 | | | | | T__ | | | | | | 6258155 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.16 | 171.3 | Sn | 12:17:25.712 | -0.6 | | | | | T__ | | | | | | 6258153 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 1.17 | 14.6 | Sn | 12:17:27.091 | -0.4 | | | | | T__ | | | | | | 6258156 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.29 | 189.1 | Sn | 12:17:28.266 | -1.2 | | | | | T__ | | | | | | 6258157 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/02/24 | 15:06:14.10 | 0.93 | 0.88 | 48.3479 | 19.8589 | 4.9 | 4.0 | 141 | 0.0f | 13 | 8 | 92 | 0.43 | 1.11 | sx | BUD | 17000516 | BUD | | | | 149 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 6 BUD | 17000516 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|----------------------------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.43 | 176.8 | Pg | 15:06:23.967 | 0.4 | | | | | T__ | | 229.0 | | ___ | ML | 1.9 | 6258359 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.43 | 176.8 | Lg | 15:06:30.272 | -0.3 | | | | | T__ | | | | --- | | 6258358 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | |
| KECS | 0.44 | 71.8 | Pg | 15:06:23.836 | 0.8 | | | | | T__ | | 161.0 | | ___ | ML | 1.7 | 6258355 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| | | | | (Reading ML: 1.7 magdef=1) | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | |
| ET1H | 0.47 | 179.0 | Lg | 15:06:31.016 | -0.4 | | | | | T__ | | | | --- | | 6258362 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.48 | 71.7 | Pg | 15:06:24.350 | 0.6 | | | | | T__ | | 83.5 | | --- | ML | 1.5 | 6258360 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.48 | 71.7 | Lg | 15:06:30.224 | -0.8 | | | | | T__ | | | | --- | | 6258361 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 116.6 | Pg | 15:06:24.960 | 0.3 | | | | | T__ | | 68.6 | | ___ | ML | 1.5 | 6258356 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 116.6 | Lg | 15:06:31.705 | -1.1 | | | | | T__ | | | | --- | | 6258363 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | |
| VYHS | 0.70 | 282.5 | Lg | 15:06:37.631 | -0.9 | | | | | T__ | | | | --- | | 6258364 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| A338A | 1.06 | 252.3 | Pg | 15:06:36.047 | 0.6 | | | | | T__ | | 160.3 | | --- | ML | 2.3 | 6258366 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A338A | 1.06 | 252.3 | Sn | 15:06:50.451 | -1.4 | | | | | T__ | | | | --- | | 6258365 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| | | | | (Reading ML: 2.3 magdef=1) | | | | (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | |
| NIE | 1.11 | 15.0 | Pn | 15:06:36.762 | 0.6 | | | | | T__ | | 64.3 | | ___ | ML | 1.9 | 6258367 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.11 | 15.0 | Lg | 15:06:50.499 | -0.8 | | | | | T__ | | | | --- | | 6258357 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/02/25 | 09:00:57.82 | 1.17 | 1.36 | 47.8028 | 20.6180 | 8.3 | 6.6 | 138 | 0.0f | 8 | 5 | 153 | 0.33 | 0.70 | sx | BUD | 17000520 | BUD | | | | 283 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 4 BUD | 17000520 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|----------------------------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.33 | 349.0 | Pg | 09:01:06.270 | 1.3 | | | | | T__ | | 135.2 | | ___ | ML | 1.3 | 6260893 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.33 | 349.0 | Lg | 09:01:09.164 | -1.5 | | | | | T__ | | | | --- | | 6260896 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | |
| HU05A | 0.43 | 125.4 | Pn | 09:01:10.728 | -0.6 | | | | | T__ | | 1431.3 | | ___ | ML | 2.7 | 6260900 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.7 magdef=1) | | | | (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | |
| PSZ | 0.50 | 283.6 | Pg | 09:01:09.615 | 0.8 | | | | | T__ | | 59.8 | | ___ | ML | 1.5 | 6260898 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.50 | 283.6 | Lg | 09:01:15.652 | -1.2 | | | | | T__ | | | | --- | | 6260899 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | |
| ET1H | 0.51 | 278.9 | Lg | 09:01:16.234 | -0.5 | | | | | T__ | | | | --- | | 6260895 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

JOS 0.70 355.7 Pn 09:01:12.864 -0.8 T__ 66.7 ___ ML 1.7 6260894 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 0.70 355.7 Lg 09:01:20.992 -1.4 T__ ___ 6260897 FDSN ZJ -- BUD iLoc HHE ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/02/25 | 09:08:13.76 | 1.52 | 0.96 | 47.3701 | 18.3785 | 9.7 | 4.4 | 121 | 0.0f | 13 | 9 | 109 | 0.08 | 1.30 | sx | BUD | 17000522 | BUD | | | | 155 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 4 BUD | 17000522 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.08 | 265.0 | Pg | 09:08:16.390 | 0.4 | | | | | T__ | | 1946.3 | | _c_ | ML | 1.8 | 6260944 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.08 | 265.0 | Lg | 09:08:17.582 | -0.7 | | | | | T__ | | | | --- | | 6260945 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 285.7 | Pg | 09:08:16.936 | 0.8 | | | | | T__ | | 1404.8 | | --- | ML | 1.7 | 6260951 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 285.7 | Lg | 09:08:17.711 | -0.7 | | | | | T__ | | | | --- | | 6260952 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.13 | 239.3 | Pg | 09:08:17.711 | 0.7 | | | | | T__ | | 274.6 | | --- | ML | 1.1 | 6260954 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.13 | 239.3 | Lg | 09:08:18.844 | -1.2 | | | | | T__ | | | | --- | | 6260953 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.17 | 274.4 | Pg | 09:08:18.576 | 0.8 | | | | | T__ | | 405.1 | | --- | ML | 1.4 | 6260955 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.17 | 274.4 | Lg | 09:08:20.872 | -0.5 | | | | | T__ | | | | --- | | 6260956 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.27 | 0.6 | Lg | 09:08:24.027 | -0.7 | | | | | T__ | | | | --- | | 6260946 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.16 | 61.3 | Sn | 09:08:53.344 | -1.1 | | | | | T__ | | | | --- | | 6260948 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 1.17 | 15.1 | Lg | 09:08:53.567 | -0.8 | | | | | T__ | | | | --- | | 6260949 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.17 | 171.0 | Sn | 09:08:52.450 | -1.3 | | | | | T__ | | | | --- | | 6260947 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.30 | 188.6 | Sn | 09:08:56.249 | -0.7 | | | | | T__ | | | | --- | | 6260950 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|----|
| 2021/02/25 | 10:11:36.30 | 0.76 | 1.00 | 48.3811 | 19.0880 | 3.1 | 3.0 | 12 | 0.0f | 37 | 23 | 53 | 0.20 | 1.73 | sx | BUD | 17000524 | BUD | | | | | 72 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.1 | 0.1 | 14 BUD | 17000524 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.20 | 304.1 | Pg | 10:11:41.029 | 0.4 | | | | | T__ | | 439.7 | | --- | ML | 1.5 | 6261024 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.20 | 304.1 | Lg | 10:11:44.158 | 0.2 | | | | | T__ | | | | --- | | 6261023 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.54 | 185.0 | Pg | 10:11:48.480 | 1.0 | | | | | T__ | | 206.2 | | --- | ML | 2.1 | 6261025 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.54 | 185.0 | Lg | 10:11:55.706 | -0.5 | | | | | T__ | | | | --- | | 6261026 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.59 | 144.1 | Pg | 10:11:49.523 | 0.9 | | | | | T__ | | 170.7 | | --- | ML | 2.1 | 6261028 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| HU03A | 0.59 | 144.1 | Lg | 10:11:57.942 | 0.4 | T__ | --- | 6261027 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A338A | 0.61 | 233.6 | Lg | 10:11:57.867 | -1.0 | T__ | --- | 6261029 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | | |
| PSZ | 0.71 | 130.3 | Pg | 10:11:51.311 | -0.1 | T__ | 108.6 | --- | ML | 1.9 | 6261030 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.71 | 130.3 | Lg | 10:12:01.294 | -1.1 | T__ | --- | 6261031 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.73 | 133.5 | Pg | 10:11:52.652 | 1.0 | T__ | 64.5 | --- | ML | 1.7 | 6261033 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.73 | 133.5 | Lg | 10:12:01.443 | -1.0 | T__ | --- | 6261032 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| SR0 | 0.77 | 222.7 | Lg | 10:12:03.604 | -0.7 | T__ | --- | 6261034 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | | | |
| LANS | 0.81 | 17.9 | Pg | 10:11:52.726 | 0.4 | T__ | 124.3 | --- | ML | 2.0 | 6261036 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| LANS | 0.81 | 17.9 | Lg | 10:12:04.051 | 0.7 | T__ | --- | 6261035 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.88 | 212.8 | Lg | 10:12:07.105 | -1.1 | T__ | --- | 6261037 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| KECS | 0.94 | 83.2 | Pg | 10:11:55.036 | 0.1 | T__ | 159.0 | --- | ML | 2.2 | 6261039 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.94 | 83.2 | Lg | 10:12:07.925 | -1.0 | T__ | --- | 6261038 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | | | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A331A | 0.96 | 323.6 | Pg | 10:11:55.930 | 0.8 | T__ | 227.7 | --- | ML | 2.4 | 6261040 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JOS | 0.97 | 82.7 | Pg | 10:11:55.110 | -0.5 | T__ | 88.8 | --- | ML | 2.0 | 6261041 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.97 | 82.7 | Lg | 10:12:09.341 | -0.9 | T__ | --- | 6261042 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.99 | 104.6 | Pn | 10:11:56.526 | -0.0 | T__ | 75.1 | --- | ML | 1.9 | 6261044 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.99 | 104.6 | Lg | 10:12:09.862 | -1.9 | T__ | --- | 6261043 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.06 | 297.5 | Pg | 10:11:57.644 | -0.1 | T__ | 126.1 | --- | ML | 2.2 | 6261045 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.06 | 297.5 | Lg | 10:12:11.874 | -1.9 | T__ | --- | 6261046 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU01A | 1.10 | 160.7 | Sn | 10:12:13.215 | -1.5 | T__ | --- | 6261047 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| CSKK | 1.16 | 209.0 | Pn | 10:11:59.804 | 1.0 | T__ | 216.0 | --- | ML | 2.5 | 6261049 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 1.16 | 209.0 | Sn | 10:12:16.344 | -0.4 | T__ | --- | 6261048 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MODS | 1.21 | 270.3 | Pn | 10:12:00.400 | 0.6 | T__ | --- | 6261050 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | | |
| MODS | 1.21 | 270.3 | Sn | 10:12:16.791 | -1.5 | T__ | --- | 6261051 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | | |
| HU08A | 1.23 | 219.9 | Sn | 10:12:17.685 | -0.6 | T__ | --- | 6261052 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| NIE | 1.31 | 37.2 | Pg | 10:12:01.816 | 0.8 | T__ | 95.6 | --- | ML | 2.2 | 6261054 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.31 | 37.2 | Lg | 10:12:19.324 | -0.6 | T__ | --- | 6261053 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | | | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ABAH | 1.44 | 92.6 | Pn | 10:12:04.423 | 1.9 | T__ | 68.4 | --- | ML | 2.1 | 6261055 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 1.44 | 92.6 | Sn | 10:12:23.496 | 0.3 | T__ | --- | 6261056 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| A267A | 1.49 | 196.1 | Sn | 10:12:25.582 | 1.1 | T__ | --- | 6261057 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| MPLH | 1.60 | 221.3 | Sn | 10:12:28.115 | 0.8 | T__ | --- | 6261058 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 1.73 | 324.5 | Sn | 10:12:30.052 | -1.6 | T__ | --- | 6261059 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/02/25 | 11:34:04.64 | 0.91 | 0.82 | 48.4260 | 19.5538 | 4.9 | 3.4 | 11 | 0.0f | 11 | 7 | 88 | 0.48 | 0.73 | sx | BUD | 17000528 | BUD | | | | 165 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 4 BUD | 17000528 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.48 | 278.4 | Pg | 11:34:14.937 | 0.4 | | | | | T__ | | 17.6 | | --- | ML | 0.9 | 6261218 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.48 | 278.4 | Lg | 11:34:20.897 | -0.9 | | | | | T__ | | | | --- | | 6261219 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.56 | 155.7 | Pg | 11:34:17.206 | 0.6 | | | | | T__ | | 47.3 | | --- | ML | 1.5 | 6261222 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.56 | 155.7 | Lg | 11:34:25.678 | 0.3 | | | | | T__ | | | | --- | | 6261215 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.62 | 84.4 | Lg | 11:34:26.485 | -0.1 | | | | | T__ | | | | --- | | 6261220 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.66 | 83.6 | Pg | 11:34:18.622 | 0.8 | | | | | T__ | | 60.4 | | --- | ML | 1.6 | 6261223 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.66 | 83.6 | Lg | 11:34:27.190 | -0.6 | | | | | T__ | | | | --- | | 6261224 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.68 | 211.9 | Lg | 11:34:29.241 | -0.4 | | | | | T__ | | | | --- | | 6261221 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 0.72 | 114.7 | Pg | 11:34:19.122 | -0.4 | | | | | T__ | | 35.1 | | --- | ML | 1.4 | 6261216 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.72 | 114.7 | Lg | 11:34:29.105 | -1.6 | | | | | T__ | | | | --- | | 6261217 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| LANS | 0.73 | 355.5 | Lg | 11:34:28.680 | -0.2 | | | | | T__ | | | | --- | | 6261225 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/02/26 | 10:07:24.77 | 1.41 | 1.41 | 48.0809 | 21.3849 | 12.6 | 5.2 | 20 | 0.0f | 9 | 6 | 188 | 0.24 | 1.52 | sx | BUD | 17000532 | BUD | | | | 298 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 3 BUD | 17000532 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.24 | 335.8 | Pg | 10:07:30.327 | 0.4 | | | | | T__ | | 1888.2 | | --- | ML | 2.2 | 6261678 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.24 | 335.8 | Lg | 10:07:33.531 | -0.9 | | | | | T__ | | | | --- | | 6261679 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.58 | 274.4 | Lg | 10:07:44.036 | -2.2 | | | | | T__ | | | | --- | | 6261682 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| JOS | 0.70 | 306.6 | Pg | 10:07:40.013 | 1.2 | | | | | T__ | | 68.4 | | --- | ML | 1.7 | 6261684 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.70 | 306.6 | Lg | 10:07:49.102 | -0.3 | | | | | T__ | | | | --- | | 6261683 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.72 | 304.2 | Lg | 10:07:49.475 | -0.7 | | | | | T__ | | | | --- | | 6261685 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| TRPA | 0.78 | 85.9 | Pg | 10:07:40.236 | 0.3 | | | | | T__ | | 78.9 | | --- | ML | 1.8 | 6261680 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.78 | 85.9 | Lg | 10:07:52.380 | -0.7 | | | | | T__ | | | | --- | | 6261681 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 NIE 1.52 332.2 Sn 10:08:12.459 -1.8 T__ --- 6261686 FDSN PL -- BUD iLoc BHE ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/02/26 | 11:00:37.12 | 0.96 | 0.88 | 48.1212 | 16.9925 | 6.9 | 4.1 | 133 | 0.0f | 9 | 7 | 136 | 0.32 | 1.06 | sx | BUD | 17000534 | BUD | | | | 187 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.32 | 36.9 | Pg | 11:00:44.307 | 0.3 | | | | | T__ | | | | | | 6261711 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.32 | 36.9 | Lg | 11:00:48.629 | -1.0 | | | | | T__ | | | | | | 6261710 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A003A | 0.36 | 173.6 | Lg | 11:00:49.746 | -0.9 | | | | | T__ | | | | | | 6261712 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| CONA | 0.78 | 256.2 | Pg | 11:00:52.428 | -0.2 | | | | | T__ | | 54.4 | | | ML | 1.7 | 6261714 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.78 | 256.2 | Lg | 11:01:02.337 | -0.6 | | | | | T__ | | | | | | 6261713 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |

(Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1
 JAVC 0.87 31.2 Pg 11:00:55.632 0.8 T__ 90.0 --- ML 1.9 6261715 FDSN CZ -- BUD iLoc HHZ HHZ _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|--|--|--|--|-----|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| A011B | 1.00 | 224.8 | Lg | 11:01:10.160 | 1.0 | | | | | T__ | | | | | | 6261716 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| KRUC | 1.02 | 337.4 | Lg | 11:01:10.980 | -0.8 | | | | | T__ | | | | | | 6261717 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| A013A | 1.06 | 267.5 | Lg | 11:01:11.650 | 0.2 | | | | | T__ | | | | | | 6261718 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/02/26 | 12:29:10.24 | 1.55 | 0.75 | 46.1203 | 17.9496 | 13.1 | 5.1 | 34 | 0.0f | 6 | 4 | 213 | 0.11 | 0.68 | sx | BUD | 17000536 | BUD | | | | 281 |

Magnitude Err Nsta Author OrigID
 ML 1.8 0.4 3 BUD 17000536

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|------------|---------|------|--------|----|------|------|-----|-----|---|
| KOVH | 0.11 | 107.0 | Pg | 12:29:13.433 | 0.3 | | | | | T__ | | 1455.4 | | | _c_ ML 1.8 | 6261738 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.11 | 107.0 | Lg | 12:29:14.812 | -0.7 | | | | | T__ | | | | | | 6261739 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 A266A 0.46 28.2 Lg 12:29:27.142 -0.2 T__ --- 6261740 FDSN Z3 00 BUD iLoc HHN ??? _
 MORH 0.49 78.7 Pg 12:29:20.995 0.5 T__ 70.3 --- ML 1.5 6261742 FDSN HU -- BUD iLoc HHZ HHZ _
 MORH 0.49 78.7 Lg 12:29:27.440 -0.9 T__ --- 6261741 FDSN HU -- BUD iLoc HHN ??? _

(Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1
 A263A 0.68 320.1 Pg 12:29:24.385 0.1 T__ 203.9 --- ML 2.2 6261743 FDSN Z3 00 BUD iLoc HHZ HHZ _
 (Reading ML: 2.2 magdef=1
 (Station ML: 2.2 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/02/27 | 14:24:11.06 | 1.66 | 1.26 | 45.6230 | 16.0767 | 16.0 | 4.9 | 47 | 0.1 | 4.3 | 17 | 12 | 157 | 0.21 | 2.64 | ke | BUD | 17000538 | BUD | | | | 219 |

Magnitude Err Nsta Author OrigID
 ML 2.1 0.1 6 BUD 17000538

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | | | | | | | |
|-------|------|-------|-------|----------------------------|------|----------------------------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|--|--|--|--|--|--|
| ZAG | 0.21 | 342.9 | Pg | 14:24:15.482 | -0.1 | | | | | T__ | | 1577.0 | | ___ | ML | 2.1 | 6264658 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ | | | | | | | |
| ZAG | 0.21 | 342.9 | Lg | 14:24:19.642 | 0.8 | | | | | T__ | | | | --- | | 6264670 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | | | | | | | | |
| | | | | (Reading ML: 2.1 magdef=1) | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.29 | 345.0 | Pg | 14:24:16.600 | -0.8 | | | | | T__ | | 246.6 | | ___ | ML | 1.5 | 6264660 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ | | | | | | | |
| PTJ | 0.29 | 345.0 | Lg | 14:24:21.368 | -0.9 | | | | | T__ | | | | --- | | 6264659 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | | | | | | | | |
| | | | | (Reading ML: 1.5 magdef=1) | | (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.48 | 295.3 | Pg | 14:24:20.250 | -0.1 | | | | | T__ | | 100.8 | | ___ | ML | 1.6 | 6264661 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ | | | | | | | |
| CRES | 0.48 | 295.3 | Lg | 14:24:27.328 | -0.1 | | | | | T__ | | | | --- | | 6264662 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | | | | | | | | |
| | | | | (Reading ML: 1.6 magdef=1) | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.83 | 8.3 | Lg | 14:24:40.143 | 1.4 | | | | | T__ | | | | --- | | 6264663 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | | | | | | | | |
| BLY | 1.17 | 137.8 | Pg | 14:24:33.028 | -0.5 | | | | | T__ | | 78.9 | | --- | ML | 2.0 | 6264665 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ | | | | | | | |
| BLY | 1.17 | 137.8 | Lg | 14:24:49.679 | 1.0 | | | | | T__ | | | | --- | | 6264664 | FDSN | MN | -- | BUD | iLoc | HHE | ??? | _ | | | | | | | | |
| | | | | (Reading ML: 2.0 magdef=1) | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 1.25 | 75.8 | Lg | 14:24:52.324 | 0.1 | | | | | T__ | | | | --- | | 6264666 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| A262A | 1.28 | 14.0 | Pn | 14:24:36.032 | 0.4 | | | | | T__ | | 246.4 | | --- | ML | 2.6 | 6264671 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | | | | | | |
| | | | | (Reading ML: 2.6 magdef=1) | | (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.38 | 310.3 | Pg | 14:24:37.572 | 0.5 | | | | | T__ | | 73.8 | | --- | ML | 2.1 | 6264668 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | | | | | | |
| OBKA | 1.38 | 310.3 | Lg | 14:24:57.018 | 1.3 | | | | | T__ | | | | --- | | 6264667 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| | | | | (Reading ML: 2.1 magdef=1) | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.49 | 71.1 | Sn | 14:24:58.085 | -0.3 | | | | | T__ | | | | --- | | 6264672 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | | | | | | |
| MORH | 1.89 | 70.8 | Sn | 14:25:09.758 | 1.7 | | | | | T__ | | | | --- | | 6264669 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | | | | | | |
| EGYH | 1.99 | 25.3 | Sn | 14:25:12.913 | 2.5 | | | | | T__ | | | | --- | | 6264673 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| HU21A | 2.64 | 73.1 | Sn | 14:25:28.744 | 2.1 | | | | | T__ | | | | --- | | 6264674 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | | | | | | | |

Date 2021/02/27 Time 14:25:41.20 Err 1.09 RMS 0.84 Latitude 45.5715 Longitude 16.0439 Smaj 8.2 Smin 4.5 Az 46 Depth 4.0f Err Ndef 28 Nsta 17 Gap 166 mdist 0.26 Mdist 2.69 Qual ke Author BUD OrigID 17000540 Rep BUD DPdep Err Sgp 204

Magnitude Err Nsta Author OrigID
ML 2.4 0.2 13 BUD 17000540

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | | | | | | | |
|------|------|-------|-------|----------------------------|------|----------------------------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|--|--|--|--|--|--|
| ZAG | 0.26 | 351.1 | Pg | 14:25:46.451 | 0.0 | | | | | T__ | | 3257.6 | | ___ | ML | 2.5 | 6264789 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ | | | | | | | |
| ZAG | 0.26 | 351.1 | Lg | 14:25:49.883 | -0.3 | | | | | T__ | | | | --- | | 6264805 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | | | | | | | | |
| | | | | (Reading ML: 2.5 magdef=1) | | (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.34 | 351.0 | Pg | 14:25:47.334 | -1.0 | | | | | T__ | | 709.1 | | ___ | ML | 2.1 | 6264790 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ | | | | | | | |
| PTJ | 0.34 | 351.0 | Lg | 14:25:52.015 | -1.5 | | | | | T__ | | | | --- | | 6264806 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | | | | | | | | |
| | | | | (Reading ML: 2.1 magdef=1) | | (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.48 | 302.0 | Pg | 14:25:51.121 | 0.5 | | | | | T__ | | 275.7 | | ___ | ML | 2.1 | 6264791 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ | | | | | | | |
| CRES | 0.48 | 302.0 | Lg | 14:25:58.633 | 0.9 | | | | | T__ | | | | --- | | 6264807 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | | | | | | | | |
| | | | | (Reading ML: 2.1 magdef=1) | | (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.89 | 9.2 | Pg | 14:25:58.927 | 0.3 | | | | | T__ | | 758.5 | | ___ | ML | 2.9 | 6264808 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|----|--------------|------|-----|--|-------|--|--|----|-----|---------|------|----|---------|------|------|-----|-----|------|-----|-----|---|
| KOGS | 0.89 | 9.2 | Lg | 14:26:11.010 | 1.0 | T__ | | | | | | | | | | 6264792 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ |
| | (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.03 | 29.3 | Pg | 14:26:01.427 | 0.2 | T__ | | 515.6 | | | ML | 2.8 | 6264809 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| BEHE | 1.03 | 29.3 | Sn | 14:26:16.206 | -0.7 | T__ | | | | | | | 6264810 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| | (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 1.05 | 55.5 | Lg | 14:26:16.133 | 0.2 | T__ | | | | | | | 6264811 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| BLY | 1.15 | 135.2 | Pg | 14:26:02.628 | -0.3 | T__ | | 230.9 | | | ML | 2.5 | 6264793 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| BLY | 1.15 | 135.2 | Lg | 14:26:18.547 | -0.1 | T__ | | | | | | | 6264794 | FDSN | MN | -- | BUD | iLoc | HHE | ??? | _ | | | |
| | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 1.29 | 73.8 | Sn | 14:26:22.342 | -0.4 | T__ | | | | | | | 6264795 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| A263A | 1.39 | 39.1 | Lg | 14:26:26.883 | 0.5 | T__ | | | | | | | 6264814 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| OBKA | 1.40 | 312.5 | Pn | 14:26:08.192 | 0.4 | T__ | | 130.0 | | | ML | 2.4 | 6264813 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| OBKA | 1.40 | 312.5 | Sn | 14:26:27.677 | 0.9 | T__ | | | | | | | 6264812 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | | | |
| | (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.53 | 69.5 | Pn | 14:26:08.740 | 0.3 | T__ | | 62.0 | | | ML | 2.1 | 6264796 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| KOVH | 1.53 | 69.5 | Sn | 14:26:28.592 | -0.1 | T__ | | | | | | | 6264797 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.72 | 348.1 | Pg | 14:26:13.592 | 0.7 | T__ | | 89.1 | | | ML | 2.4 | 6264799 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| ARSA | 1.72 | 348.1 | Lg | 14:26:34.548 | -1.3 | T__ | | | | | | | 6264798 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | | | |
| | (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 1.84 | 358.2 | Pg | 14:26:16.460 | 1.2 | T__ | | 54.3 | | | ML | 2.3 | 6264800 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | | |
| A011B | 1.84 | 358.2 | Sn | 14:26:37.742 | 1.5 | T__ | | | | | | | 6264815 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | | |
| | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.91 | 32.4 | Pg | 14:26:16.534 | -0.5 | T__ | | 511.9 | | | ML | 3.3 | 6264801 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| | (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.93 | 69.6 | Pg | 14:26:17.637 | 0.2 | T__ | | 63.7 | | | ML | 2.4 | 6264803 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| MORH | 1.93 | 69.6 | Sn | 14:26:40.063 | 1.8 | T__ | | | | | | | 6264802 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| | (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 2.27 | 343.3 | Pg | 14:26:23.372 | 0.7 | T__ | | 60.8 | | | ML | 2.5 | 6264804 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | | |
| | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| FRGS | 2.69 | 97.5 | Lg | 14:27:09.323 | 0.6 | T__ | | | | | | | 6264816 | FDSN | SJ | -- | BUD | iLoc | BHN | ??? | _ | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/27 | 16:32:02.31 | 1.65 | 1.24 | 45.5957 | 16.0594 | 11.6 | 5.1 | 45 | 0.1 | 3.9 | 27 | 18 | 162 | 0.24 | 2.51 | | ke BUD | 17000542 | BUD | | | 224 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.4 | 0.1 | 11 BUD | 17000542 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-----|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZAG | 0.24 | 347.7 | Pg | 16:32:07.004 | -0.3 | | | | | T__ | | 3051.6 | | | ML | 2.4 | 6264888 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.24 | 347.7 | Lg | 16:32:11.064 | 0.1 | | | | | T__ | | | | | | 6264889 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| | (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 2.4 magdef=1
PTJ 0.32 348.4 Pg 16:32:08.009 -1.1 T__ 713.7 --- ML 2.0 6264891 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.32 348.4 Lg 16:32:12.964 -1.3 T__ --- 6264890 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
CRES 0.48 298.8 Pg 16:32:11.660 -0.0 T__ 199.0 --- ML 1.9 6264892 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.48 298.8 Lg 16:32:18.961 0.2 T__ --- 6264893 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
KOGS 0.86 8.8 Pg 16:32:19.595 0.1 T__ 782.1 --- ML 2.9 6264895 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.86 8.8 Lg 16:32:32.223 1.2 T__ --- 6264894 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
BEHE 1.01 29.4 Pg 16:32:22.575 0.4 T__ 544.5 --- ML 2.8 6264896 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 1.01 29.4 Lg 16:32:37.364 1.0 T__ --- 6264897 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
A264A 1.03 56.3 Pg 16:32:22.314 -0.2 T__ 460.8 --- ML 2.7 6264899 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 1.03 56.3 Lg 16:32:36.768 -0.2 T__ --- 6264898 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
BLY 1.16 136.4 Pg 16:32:24.065 -0.5 T__ 161.7 --- ML 2.4 6264900 FDSN MN -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A273A 1.27 74.8 Sn 16:32:43.510 -0.9 T__ --- 6264901 FDSN Z3 00 BUD iLoc HHE ??? _
A263A 1.36 39.4 Sn 16:32:46.714 0.2 T__ --- 6264902 FDSN Z3 00 BUD iLoc HHE ??? _
OBKA 1.39 311.5 Pn 16:32:29.377 0.1 T__ 118.7 --- ML 2.3 6264903 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A265A 1.47 55.0 Sn 16:32:49.642 0.6 T__ --- 6264904 FDSN Z3 00 BUD iLoc HHN ??? _
KOVH 1.51 70.2 Pn 16:32:29.675 -0.2 T__ 57.5 --- ML 2.1 6264906 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.51 70.2 Sn 16:32:49.344 -0.9 T__ --- 6264905 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ARSA 1.70 347.6 Sn 16:32:55.527 0.6 T__ --- 6264907 FDSN OE -- BUD iLoc HHE ??? _
AO11B 1.81 357.8 Pg 16:32:37.349 1.0 T__ 59.7 --- ML 2.3 6264909 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO11B 1.81 357.8 Sn 16:32:59.476 1.8 T__ --- 6264908 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
TIH 1.82 43.6 Sn 16:32:59.476 1.8 T__ --- 6264910 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.91 70.1 Pg 16:32:38.392 -0.1 T__ 66.5 --- ML 2.4 6264912 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.91 70.1 Sn 16:33:01.488 1.6 T__ --- 6264911 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
CONA 2.34 356.7 Lg 16:33:19.368 1.8 T__ --- 6264913 FDSN OE -- BUD iLoc HHE ??? _
AO13A 2.51 349.9 Lg 16:33:25.999 3.6 T__ --- 6264914 FDSN Z3 00 BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/27 17:26:08.20 1.71 1.01 45.6011 16.0566 11.0 6.2 0 1.0f 15 10 223 0.23 1.91 ke BUD 17000544 BUD 236

```

```

Magnitude Err Nsta Author OrigID
ML 2.1 0.1 6 BUD 17000544

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZAG | 0.23 | 347.8 | Pg | 17:26:12.744 | -0.1 | | | | | T__ | | 1318.0 | | ___ | ML | 2.1 | 6264976 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.23 | 347.8 | Lg | 17:26:16.803 | 0.6 | | | | | T__ | | | | --- | | 6264964 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.31 | 348.6 | Pg | 17:26:14.028 | -0.7 | | | | | T__ | | 191.7 | | ___ | ML | 1.5 | 6264966 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.31 | 348.6 | Lg | 17:26:18.685 | -0.9 | | | | | T__ | | | | --- | | 6264965 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.48 | 298.4 | Pg | 17:26:17.399 | -0.1 | | | | | T__ | | 73.6 | | ___ | ML | 1.5 | 6264967 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.48 | 298.4 | Lg | 17:26:24.850 | 0.4 | | | | | T__ | | | | --- | | 6264968 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.86 | 9.0 | Pg | 17:26:25.278 | 0.2 | | | | | T__ | | 184.9 | | ___ | ML | 2.2 | 6264969 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.86 | 9.0 | Lg | 17:26:37.553 | 1.5 | | | | | T__ | | | | --- | | 6264977 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 1.03 | 56.6 | Pg | 17:26:28.109 | -0.2 | | | | | T__ | | 201.5 | | ___ | ML | 2.4 | 6264970 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 1.03 | 56.6 | Lg | 17:26:42.359 | 0.4 | | | | | T__ | | | | --- | | 6264978 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 1.27 | 75.0 | Lg | 17:26:49.250 | -0.5 | | | | | T__ | | | | --- | | 6264971 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| OBKA | 1.39 | 311.4 | Pn | 17:26:34.963 | 0.1 | | | | | T__ | | 90.4 | | ___ | ML | 2.2 | 6264972 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.51 | 70.4 | Sn | 17:26:55.359 | -0.4 | | | | | T__ | | | | --- | | 6264973 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| A011B | 1.81 | 357.9 | Sn | 17:27:05.193 | 2.1 | | | | | T__ | | | | --- | | 6264974 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| MORH | 1.91 | 70.3 | Sn | 17:27:07.205 | 1.8 | | | | | T__ | | | | --- | | 6264975 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/02/27 | 17:27:51.94 | 1.41 | 0.75 | 45.5971 | 16.0477 | 8.3 | 7.6 | 176 | 1.0f | | 15 | 9 | 163 | 0.23 | 1.91 | ke | BUD | 17000546 | BUD | | | 228 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.1 | 6 BUD | 17000546 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZAG | 0.23 | 349.5 | Pg | 17:27:56.562 | -0.1 | | | | | T__ | | 1218.1 | | ___ | ML | 2.0 | 6265018 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.23 | 349.5 | Lg | 17:28:00.299 | 0.2 | | | | | T__ | | | | --- | | 6265027 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.31 | 349.8 | Pg | 17:27:57.792 | -0.7 | | | | | T__ | | 115.1 | | ___ | ML | 1.2 | 6265019 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.31 | 349.8 | Lg | 17:28:02.560 | -0.9 | | | | | T__ | | | | --- | | 6265020 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.47 | 299.1 | Pg | 17:28:01.107 | -0.0 | | | | | T__ | | 87.8 | | ___ | ML | 1.6 | 6265022 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.47 | 299.1 | Lg | 17:28:08.632 | 0.5 | | | | | T__ | | | | --- | | 6265021 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.86 | 9.3 | Pg | 17:28:09.153 | 0.3 | | | | | T__ | | 137.4 | | ___ | ML | 2.1 | 6265023 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.86 | 9.3 | Lg | 17:28:21.309 | 1.3 | | | | | T__ | | | | --- | | 6265028 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 2.1 magdef=1
BEHE 1.01 29.9 Lg 17:28:25.991 0.7 T__ --- 6265024 FDSN HU -- BUD iLoc HHE ??? _
BLY 1.17 136.1 Lg 17:28:29.009 -0.4 T__ --- 6265025 FDSN MN -- BUD iLoc HHE ??? _
OBKA 1.39 311.7 Pn 17:28:18.701 0.1 T__ 109.2 --- ML 2.3 6265029 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.39 311.7 Sn 17:28:37.923 0.2 T__ --- 6265030 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
KOVH 1.52 70.4 Pn 17:28:19.893 0.5 T__ 48.1 --- ML 2.0 6265032 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.52 70.4 Sn 17:28:39.190 -0.5 T__ --- 6265031 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MORH 1.91 70.2 Sn 17:28:50.764 1.4 T__ --- 6265026 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/27 17:29:41.46 3.51 0.88 45.5813 16.0819 22.1 9.8 142 1.0f 8 5 229 0.25 1.50 ke BUD 17000548 BUD 291

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.4 3 BUD 17000548

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ZAG 0.25 344.9 Pg 17:29:46.812 0.2 T__ 857.7 --- ML 1.9 6265082 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.25 344.9 Lg 17:29:50.958 0.7 T__ --- 6265078 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PTJ 0.34 346.3 Pg 17:29:47.829 -0.6 T__ 113.4 --- ML 1.3 6265079 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.34 346.3 Lg 17:29:52.661 -0.9 T__ --- 6265083 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CRES 0.50 299.4 Pg 17:29:51.320 0.1 T__ 73.0 --- ML 1.6 6265084 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.50 299.4 Lg 17:29:58.408 -0.2 T__ --- 6265080 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOGS 0.87 7.6 Lg 17:30:11.074 1.2 T__ --- 6265081 FDSN SL -- BUD iLoc BHN ??? _
KOVH 1.50 69.5 Sn 17:30:28.008 -0.8 T__ --- 6265085 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/02/28 09:36:18.62 1.45 1.16 45.5502 16.0289 9.0 7.6 26 1.0f 19 14 170 0.28 2.30 ke BUD 17000550 BUD 235

```

```

Magnitude Err Nsta Author OrigID
ML 2.4 0.1 6 BUD 17000550

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ZAG 0.28 354.0 Pg 09:36:24.009 -0.2 T__ 2808.0 --- ML 2.5 6267523 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.28 354.0 Lg 09:36:28.703 0.5 T__ --- 6267524 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
PTJ 0.36 353.2 Pg 09:36:25.127 -0.9 T__ --- 6267526 FDSN CR -- BUD iLoc BHZ ??? _
PTJ 0.36 353.2 Lg 09:36:30.342 -1.2 T__ --- 6267525 FDSN CR -- BUD iLoc BHN ??? _
CRES 0.49 304.7 Pg 09:36:28.033 -0.1 T__ 126.3 --- ML 1.8 6267527 FDSN SL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.8 magdef=1

```



```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
VYHS 0.82 14.5 Pg 08:32:19.643 1.4 T__ 25.9 ___ ML 1.4 6269621 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.82 14.5 Lg 08:32:29.402 -0.9 T__ ___ 6269620 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
MPLH 0.85 232.1 Pg 08:32:20.067 1.4 T__ 149.8 ___ ML 2.1 6269616 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.85 232.1 Lg 08:32:30.033 -1.2 T__ ___ 6269619 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
EGYH 0.86 251.2 Pg 08:32:20.205 1.4 T__ 178.4 ___ ML 2.2 6269622 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ET1H 0.92 78.2 Pn 08:32:20.416 -0.2 T__ 67.5 ___ ML 1.8 6269624 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.92 78.2 Lg 08:32:33.403 -1.2 T__ ___ 6269623 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
PSZ 0.95 76.1 Lg 08:32:34.386 -1.5 T__ ___ 6269625 FDSN GE -- BUD iLoc HHE ??? _
MODS 1.08 309.3 Pn 08:32:22.943 -0.1 T__ ___ 6269627 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.08 309.3 Lg 08:32:37.615 -2.1 T__ ___ 6269626 FDSN SK -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/01 12:30:10.66 2.53 1.43 48.4745 21.7169 19.3 8.9 36 0.0f 8 5 261 0.36 1.10 sx BUD 17000556 BUD 328

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 17000556

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.36 240.9 Lg 12:30:24.212 -0.5 T__ 6269707 FDSN HU -- BUD iLoc HHN ??? _
JOS 0.78 272.0 Pg 12:30:25.827 -0.4 T__ 50.9 ___ ML 1.6 6269708 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.78 272.0 Lg 12:30:39.407 1.4 T__ ___ 6269704 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.82 271.1 Pg 12:30:27.407 0.4 T__ 95.8 ___ ML 1.9 6269709 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.82 271.1 Lg 12:30:39.727 0.5 T__ ___ 6269710 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 0.87 246.6 Pn 12:30:26.349 -2.7 T__ 47.4 ___ ML 1.7 6269706 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.87 246.6 Lg 12:30:42.074 0.0 T__ ___ 6269705 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LTVH 1.10 173.5 Pg 12:30:33.093 0.3 T__ 607.6 ___ ML 2.9 6269711 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/01 14:29:20.87 1.06 0.90 47.7351 20.2293 5.6 4.8 21 2.0f 9 6 144 0.10 0.79 ke BUD 17000558 BUD 264

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 17000558

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU23A | 0.10 | 171.9 | Lg | 14:29:24.409 | -0.7 | | | | | T__ | | | | | | 6269809 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ | |
| ET1H | 0.28 | 301.0 | Pg | 14:29:27.799 | 0.8 | | | | | T__ | | 512.9 | | --- | ML | 1.8 | 6269811 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.28 | 301.0 | Lg | 14:29:30.891 | -0.5 | | | | | T__ | | | | | | 6269810 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.29 | 309.2 | Pg | 14:29:27.640 | 0.3 | | | | | T__ | | 673.9 | | --- | ML | 1.9 | 6269808 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.29 | 309.2 | Lg | 14:29:30.993 | -1.2 | | | | | T__ | | | | | | 6269807 | FDSN | GE | -- | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.44 | 27.1 | Pg | 14:29:30.620 | 0.6 | | | | | T__ | | 100.6 | | --- | ML | 1.5 | 6269805 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.44 | 27.1 | Lg | 14:29:35.910 | -1.1 | | | | | T__ | | | | | | 6269806 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.46 | 291.9 | Lg | 14:29:36.851 | -0.4 | | | | | T__ | | | | | | 6269812 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| JOS | 0.79 | 15.2 | Pg | 14:29:36.888 | 0.4 | | | | | T__ | | 59.9 | | --- | ML | 1.7 | 6269813 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/02 | 03:12:28.53 | 0.68 | 0.68 | 46.4686 | 16.9461 | 3.4 | 2.9 | 178 | 7.9 | 0.8 | 82 | 48 | 52 | 0.12 | 2.44 | ke | BUD | 17000560 | BUD | | | 84 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.6 | 0.1 | 42 BUD | 17000560 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BEHE | 0.12 | 270.8 | Pg | 03:12:31.402 | -0.2 | | | | | T__ | | 13027.7 | | --- | ML | 2.7 | 6270752 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.12 | 270.8 | Lg | 03:12:33.991 | 0.2 | | | | | T__ | | | | | | 6270753 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.31 | 55.8 | Pg | 03:12:34.903 | -0.1 | | | | | T__ | | 2881.0 | | _d | ML | 2.6 | 6270754 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.31 | 55.8 | Lg | 03:12:39.942 | 0.4 | | | | | T__ | | | | | | 6270755 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.39 | 142.2 | Pg | 03:12:37.083 | 0.5 | | | | | T__ | | 673.0 | | --- | ML | 2.2 | 6270756 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.39 | 142.2 | Lg | 03:12:42.857 | 0.8 | | | | | T__ | | | | | | 6270757 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.48 | 267.8 | Pg | 03:12:37.735 | -0.4 | | | | | T__ | | 1105.1 | | --- | ML | 2.7 | 6270758 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.48 | 267.8 | Lg | 03:12:44.626 | 0.1 | | | | | T__ | | | | | | 6270777 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.49 | 324.1 | Pg | 03:12:38.405 | 0.0 | | | | | T__ | | 656.7 | | --- | ML | 2.5 | 6270759 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.49 | 324.1 | Lg | 03:12:45.936 | 1.0 | | | | | T__ | | | | | | 6270811 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A261A | 0.50 | 16.0 | Pg | 03:12:37.958 | -0.8 | | | | | T__ | | 595.6 | | --- | ML | 2.5 | 6270760 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.50 | 16.0 | Lg | 03:12:46.011 | 0.2 | | | | | T__ | | | | | | 6270812 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.59 | 94.0 | Pg | 03:12:40.473 | 0.0 | | | | | T__ | | 1509.6 | | --- | ML | 3.0 | 6270761 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|-----|---------|------|---------|------|-----|------|-----|------|-----------|
| A265A | 0.59 | 94.0 | Lg | 03:12:49.655 | 1.1 | T__ | | | 6270778 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=0) | | | | | | | | | | | | | | | | | |
| TIH | 0.78 | 56.2 | Pg | 03:12:43.099 | -0.9 | T__ | 2412.1 | --- | ML | 3.3 | 6270762 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=0) | | | | | | | | | | | | | | | | | |
| MPLH | 0.81 | 29.9 | Pg | 03:12:43.527 | -1.1 | T__ | 473.4 | --- | ML | 2.6 | 6270763 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| MPLH | 0.81 | 29.9 | Lg | 03:12:56.770 | 0.4 | T__ | | --- | | | 6270779 | FDSN | HU | -- | BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | |
| A273A | 0.82 | 132.1 | Pn | 03:12:44.980 | -0.1 | T__ | 434.5 | --- | ML | 2.6 | 6270780 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A273A | 0.82 | 132.1 | Sn | 03:12:57.143 | -0.1 | T__ | | --- | | | 6270781 | FDSN | Z3 | 00 | BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | |
| A260A | 0.83 | 348.6 | Pn | 03:12:45.073 | -0.4 | T__ | 343.8 | --- | ML | 2.5 | 6270764 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A260A | 0.83 | 348.6 | Sn | 03:12:56.956 | -0.7 | T__ | | --- | | | 6270782 | FDSN | Z3 | 00 | BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | |
| PTJ | 0.88 | 230.8 | Pg | 03:12:44.915 | -0.8 | T__ | 526.5 | --- | ML | 2.7 | 6270765 | FDSN | CR | -- | BUD | iLoc | BHZ BHZ _ |
| PTJ | 0.88 | 230.8 | Lg | 03:12:57.782 | -0.6 | T__ | | --- | | | 6270813 | FDSN | CR | -- | BUD | iLoc | BHE ??? _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | |
| KOVH | 0.89 | 115.0 | Pn | 03:12:45.334 | -0.6 | T__ | 159.3 | --- | ML | 2.2 | 6270766 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| KOVH | 0.89 | 115.0 | Lg | 03:12:57.441 | -0.2 | T__ | | --- | | | 6270767 | FDSN | HU | -- | BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | |
| A266A | 0.91 | 85.9 | Pn | 03:12:45.930 | -0.4 | T__ | 734.1 | --- | ML | 2.9 | 6270768 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A266A | 0.91 | 85.9 | Sn | 03:12:59.570 | -0.2 | T__ | | --- | | | 6270814 | FDSN | Z3 | 00 | BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | |
| ZAG | 0.93 | 226.4 | Lg | 03:12:59.005 | -0.1 | T__ | | --- | | | 6270783 | FDSN | CR | -- | BUD | iLoc | BHE ??? _ |
| EGYH | 0.99 | 15.4 | Pg | 03:12:47.644 | -0.4 | T__ | 378.6 | --- | ML | 2.6 | 6270769 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| EGYH | 0.99 | 15.4 | Lg | 03:13:02.327 | 0.3 | T__ | | --- | | | 6270815 | FDSN | HU | -- | BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | |
| A011B | 1.16 | 324.6 | Pn | 03:12:49.841 | -0.3 | T__ | 114.4 | --- | ML | 2.2 | 6270770 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A011B | 1.16 | 324.6 | Sn | 03:13:05.115 | -0.4 | T__ | | --- | | | 6270784 | FDSN | Z3 | 00 | BUD | iLoc | HH3 ??? _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | |
| A267A | 1.16 | 65.1 | Pn | 03:12:49.990 | 0.3 | T__ | 425.9 | --- | ML | 2.8 | 6270771 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A267A | 1.16 | 65.1 | Sn | 03:13:05.934 | 0.0 | T__ | | --- | | | 6270785 | FDSN | Z3 | 00 | BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | |
| HU08A | 1.17 | 34.5 | Pn | 03:12:50.251 | 0.2 | T__ | 278.7 | --- | ML | 2.6 | 6270773 | FDSN | ZJ | 00 | BUD | iLoc | HHZ HHZ _ |
| HU08A | 1.17 | 34.5 | Sn | 03:13:06.574 | 0.3 | T__ | | --- | | | 6270816 | FDSN | ZJ | 00 | BUD | iLoc | HHE ??? _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | |
| MORH | 1.20 | 101.6 | Pn | 03:12:49.543 | -0.7 | T__ | 118.5 | --- | ML | 2.2 | 6270774 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | |
| MSW2 | 1.20 | 45.7 | Pn | 03:12:50.778 | 0.4 | T__ | 158.6 | --- | ML | 2.4 | 6270828 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| MSW2 | 1.20 | 45.7 | Lg | 03:13:08.224 | -0.6 | T__ | | --- | | | 6270829 | FDSN | HU | -- | BUD | iLoc | HHN ??? _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | |


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(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
BUD 1.75 53.7 Pg 03:13:00.793 -1.4 T__ 162.6 ___ ML 2.7 6270798 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A338A 1.82 31.3 Pg 03:13:03.624 0.2 T__ 210.0 ___ ML 2.8 6270799 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
A013A 1.91 327.2 Pn 03:13:01.464 1.0 T__ 107.8 ___ ML 2.6 6270800 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
MODS 1.92 6.6 Pn 03:13:00.874 0.3 T__ 6270826 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.92 6.6 Pg 03:13:04.748 -0.8 T__ 6270827 FDSN SK -- BUD iLoc HHZ ??? _
HU21A 1.93 93.0 Lg 03:13:32.159 0.1 T__ 6270801 FDSN ZJ 00 BUD iLoc HHN ??? _
A005B 1.97 345.5 Lg 03:13:33.053 1.6 T__ 6270802 FDSN Z3 00 BUD iLoc HHN ??? _
HU10A 1.97 45.0 Pg 03:13:05.040 -1.4 T__ 149.3 ___ ML 2.8 6270803 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
HU01A 2.03 63.5 Lg 03:13:36.033 0.0 T__ 6270804 FDSN ZJ 00 BUD iLoc HHE ??? _
A008A 2.09 335.7 Pn 03:13:03.624 0.7 T__ 85.2 ___ ML 2.6 6270805 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
FRGS 2.39 122.2 Pn 03:13:06.903 0.0 T__ 68.7 ___ ML 2.7 6270806 FDSN SJ -- BUD iLoc BHZ BHZ _
FRGS 2.39 122.2 Lg 03:13:47.283 0.6 T__ 6270807 FDSN SJ -- BUD iLoc BHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
VYHS 2.40 31.6 Pn 03:13:07.722 0.6 T__ 28.1 ___ ML 2.3 6270808 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
JAVC 2.44 11.3 Pn 03:13:09.063 1.1 T__ 132.2 ___ ML 3.0 6270809 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
ET1H 2.44 53.7 Pn 03:13:09.287 1.7 T__ 79.7 ___ ML 2.8 6270810 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/02 03:13:46.78 0.78 0.69 46.4988 16.9214 4.4 3.0 164 9.7 0.7 34 23 81 0.10 1.26 ke BUD 17000562 BUD 91

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Magnitude Err Nsta Author OrigID
ML 2.1 0.2 18 BUD 17000562

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
BEHE 0.10 254.2 Pg 03:13:49.531 -0.2 T__ 3580.2 _d ML 2.1 6270978 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.10 254.2 Lg 03:13:51.953 -0.0 T__ 6270979 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A263A 0.31 62.2 Pg 03:13:52.884 -0.4 T__ 566.9 ___ ML 1.9 6270981 FDSN Z3 00 BUD iLoc HHZ HHZ _
A263A 0.31 62.2 Lg 03:13:58.062 0.2 T__ 6270980 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A264A 0.42 142.9 Pg 03:13:55.492 -0.1 T__ 317.9 ___ ML 2.0 6270989 FDSN Z3 00 BUD iLoc HHZ HHZ _

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
|--|-------------|-------|-------|--------------|-----------|------|-------|------|-------|-----|------|--------|------|-------|-----------|---------|----------|--------|-----|-------|------|------|-----|-----|---|
| 2021/03/02 | 03:18:26.67 | 0.82 | 0.57 | 46.5055 | 16.9356 | 4.5 | 3.4 | 174 | 14.0f | 20 | 14 | 84 | 0.12 | 1.23 | ke | BUD | 17000566 | BUD | | | | 111 | | | |
| Magnitude Err Nsta Author OrigID ML 1.8 0.1 12 BUD 17000566 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| BEHE | 0.12 | 252.3 | Pg | 03:18:29.700 | -0.6 | | | | | T__ | | 1610.0 | | _d | ML | 1.8 | 6271157 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.12 | 252.3 | Lg | 03:18:32.270 | -0.6 | | | | | T__ | | | | --- | | 6271158 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.29 | 62.5 | Pg | 03:18:33.015 | -0.1 | | | | | T__ | | 272.2 | | --- | ML | 1.6 | 6271160 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.29 | 62.5 | Lg | 03:18:38.193 | 0.5 | | | | | T__ | | | | --- | | 6271159 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.42 | 144.5 | Pg | 03:18:35.259 | -0.2 | | | | | T__ | | 208.7 | | --- | ML | 1.8 | 6271167 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.42 | 144.5 | Lg | 03:18:41.666 | 0.3 | | | | | T__ | | | | --- | | 6271168 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A261A | 0.47 | 18.1 | Pg | 03:18:36.070 | -0.2 | | | | | T__ | | 121.0 | | --- | ML | 1.7 | 6271162 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.48 | 263.3 | Pg | 03:18:36.824 | 0.6 | | | | | T__ | | 126.3 | | --- | ML | 1.7 | 6271169 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.48 | 263.3 | Lg | 03:18:42.552 | -0.3 | | | | | T__ | | | | --- | | 6271161 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.60 | 97.5 | Pg | 03:18:38.938 | 0.2 | | | | | T__ | | 209.5 | | --- | ML | 2.2 | 6271163 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIH | 0.77 | 58.7 | Pg | 03:18:41.368 | -0.4 | | | | | T__ | | 201.2 | | --- | ML | 2.2 | 6271170 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.78 | 31.7 | Pn | 03:18:41.769 | -0.4 | | | | | T__ | | 69.9 | | --- | ML | 1.8 | 6271164 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.79 | 348.6 | Pg | 03:18:42.328 | 0.0 | | | | | T__ | | 146.4 | | --- | ML | 2.1 | 6271165 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.90 | 228.6 | Lg | 03:18:56.083 | -0.9 | | | | | T__ | | | | --- | | 6271171 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| KOVH | 0.91 | 116.9 | Pn | 03:18:43.669 | -0.0 | | | | | T__ | | 65.9 | | --- | ML | 1.8 | 6271166 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.91 | 116.9 | Lg | 03:18:56.865 | 0.5 | | | | | T__ | | | | --- | | 6271172 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 1.12 | 323.8 | Lg | 03:19:03.272 | 0.8 | | | | | T__ | | | | --- | | 6271173 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| MORH | 1.22 | 103.2 | Pg | 03:18:50.197 | 0.2 | | | | | T__ | | 50.2 | | --- | ML | 1.9 | 6271174 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 1.23 | 237.1 | Pg | 03:18:50.309 | 0.9 | | | | | T__ | | 61.6 | | --- | ML | 2.0 | 6271175 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 1.23 | 237.1 | Sn | 03:19:06.029 | 1.0 | | | | | T__ | | | | --- | | 6271176 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 2.0 magdef=1)

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/02 | 03:47:39.11 | 0.89 | 0.55 | 46.5116 | 16.9606 | 5.1 | 3.6 | 173 | 22.3 | 6.6 | 21 | 14 | 82 | 0.13 | 1.25 | ke | BUD | 17000568 | BUD | | | 111 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 10 BUD | 17000568 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BEHE | 0.13 | 252.1 | Pg | 03:47:44.451 | 0.5 | | | | | T__ | | 1210.7 | | _d_ | ML | 1.8 | 6271238 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.13 | 252.1 | Lg | 03:47:46.909 | -0.5 | | | | | T__ | | | | --- | | 6271239 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.28 | 62.0 | Pg | 03:47:45.829 | -0.0 | | | | | T__ | | 256.4 | | --- | ML | 1.5 | 6271241 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.28 | 62.0 | Lg | 03:47:50.672 | 0.1 | | | | | T__ | | | | --- | | 6271240 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.42 | 146.9 | Lg | 03:47:54.285 | -0.1 | | | | | T__ | | | | --- | | 6271242 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A261A | 0.46 | 16.3 | Pg | 03:47:48.213 | -0.6 | | | | | T__ | | 177.6 | | --- | ML | 1.8 | 6271243 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.46 | 320.0 | Pn | 03:47:50.336 | 0.9 | | | | | T__ | | 192.1 | | --- | ML | 1.9 | 6271244 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.46 | 320.0 | Sn | 03:47:57.116 | 0.2 | | | | | T__ | | | | --- | | 6271245 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.49 | 262.9 | Pg | 03:47:48.921 | -0.3 | | | | | T__ | | 102.6 | | --- | ML | 1.7 | 6271246 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.49 | 262.9 | Lg | 03:47:55.911 | -0.4 | | | | | T__ | | | | --- | | 6271258 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.58 | 98.3 | Pg | 03:47:51.245 | 0.1 | | | | | T__ | | 230.8 | | --- | ML | 2.2 | 6271247 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.77 | 30.9 | Pg | 03:47:54.150 | -0.3 | | | | | T__ | | 74.2 | | --- | ML | 1.8 | 6271248 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.77 | 30.9 | Sn | 03:48:05.251 | 0.7 | | | | | T__ | | | | --- | | 6271249 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.90 | 117.8 | Pg | 03:47:56.423 | -0.4 | | | | | T__ | | 58.6 | | --- | ML | 1.8 | 6271251 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.90 | 117.8 | Lg | 03:48:08.083 | -0.6 | | | | | T__ | | | | --- | | 6271250 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.92 | 229.1 | Pg | 03:47:56.684 | -0.1 | | | | | T__ | | 96.4 | | --- | ML | 2.0 | 6271252 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.92 | 229.1 | Lg | 03:48:09.573 | -0.6 | | | | | T__ | | | | --- | | 6271253 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 1.13 | 323.0 | Lg | 03:48:16.092 | 0.8 | | | | | T__ | | | | --- | | 6271254 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| MORH | 1.20 | 103.7 | Sn | 03:48:15.421 | 0.6 | | | | | T__ | | | | --- | | 6271255 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| ARSA | 1.23 | 307.4 | Lg | 03:48:18.848 | 0.6 | | | | | T__ | | | | --- | | 6271257 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CRES | 1.25 | 237.3 | Pg | 03:48:02.681 | 0.4 | | | | | T__ | | 77.4 | | --- | ML | 2.1 | 6271256 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/02 | 03:53:10.25 | 1.32 | 0.39 | 46.4859 | 16.9441 | 8.3 | 6.5 | 161 | 8.0 | 19.4 | 8 | 7 | 146 | 0.12 | 0.89 | ke | BUD | 17000570 | BUD | | | 203 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 4 BUD | 17000570 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BEHE | 0.12 | 262.4 | Pg | 03:53:13.135 | -0.2 | | | | | T__ | | 484.4 | | _d | ML | 1.3 | 6271297 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.12 | 262.4 | Lg | 03:53:15.557 | 0.0 | | | | | T__ | | | | --- | | 6271298 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.30 | 58.7 | Pg | 03:53:16.637 | 0.1 | | | | | T__ | | 177.2 | | --- | ML | 1.4 | 6271299 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.47 | 323.0 | Lg | 03:53:26.732 | 0.5 | | | | | T__ | | | | --- | | 6271300 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| KOGS | 0.48 | 265.7 | Lg | 03:53:26.647 | 0.4 | | | | | T__ | | | | --- | | 6271303 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| A261A | 0.49 | 16.7 | Pg | 03:53:19.830 | -0.3 | | | | | T__ | | 115.6 | | --- | ML | 1.7 | 6271304 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.80 | 30.6 | Pg | 03:53:25.801 | -0.3 | | | | | T__ | | 59.0 | | --- | ML | 1.7 | 6271301 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.89 | 116.0 | Lg | 03:53:39.621 | -0.0 | | | | | T__ | | | | --- | | 6271302 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/02 | 03:54:35.60 | 1.11 | 0.95 | 46.4466 | 16.9396 | 11.0 | 4.3 | 172 | 14.0f | | 8 | 6 | 156 | 0.12 | 0.88 | ke | BUD | 17000572 | BUD | | | 178 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 4 BUD | 17000572 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BEHE | 0.12 | 281.8 | Pg | 03:54:38.992 | -0.2 | | | | | T__ | | 492.0 | | _d | ML | 1.3 | 6271329 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.12 | 281.8 | Lg | 03:54:41.413 | -0.4 | | | | | T__ | | | | --- | | 6271330 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.32 | 53.0 | Pg | 03:54:42.270 | -0.3 | | | | | T__ | | 169.2 | | --- | ML | 1.4 | 6271332 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.32 | 53.0 | Lg | 03:54:47.299 | -0.2 | | | | | T__ | | | | --- | | 6271331 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.48 | 270.4 | Lg | 03:54:52.105 | 0.4 | | | | | T__ | | | | --- | | 6271333 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| A262A | 0.51 | 326.0 | Lg | 03:54:53.818 | 1.1 | | | | | T__ | | | | --- | | 6271334 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| A265A | 0.59 | 91.8 | Sn | 03:54:58.804 | 0.9 | | | | | T__ | | | | --- | | 6271336 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 0.88 | 113.6 | Lg | 03:55:05.888 | 1.4 | | | | | T__ | | | | --- | | 6271335 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/02 | 03:56:46.13 | 0.93 | 0.78 | 46.5348 | 16.9088 | 8.2 | 3.3 | 144 | 4.0f | | 10 | 7 | 146 | 0.11 | 1.24 | ke | BUD | 17000574 | BUD | | | 193 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.4 | 4 BUD | 17000574 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
| | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--------|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| BEHE | 0.11 | 235.0 | Pg | 03:56:48.620 | -0.2 | T__ | 299.5 | _d_ ML | 1.1 | 6271361 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| BEHE | 0.11 | 235.0 | Lg | 03:56:51.153 | 0.3 | T__ | | --- | | 6271362 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A263A | 0.30 | 69.1 | Pg | 03:56:52.047 | -0.3 | T__ | 140.0 | ___ ML | 1.3 | 6271364 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A263A | 0.30 | 69.1 | Lg | 03:56:57.001 | 0.2 | T__ | | --- | | 6271363 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A261A | 0.45 | 21.5 | Pg | 03:56:55.139 | -0.1 | T__ | 130.4 | ___ ML | 1.7 | 6271366 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A261A | 0.45 | 21.5 | Lg | 03:57:01.769 | 0.2 | T__ | | --- | | 6271365 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.91 | 226.5 | Pn | 03:57:05.467 | 0.4 | T__ | 92.2 | ___ ML | 2.0 | 6271369 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.94 | 118.0 | Lg | 03:57:16.819 | -0.4 | T__ | | --- | | 6271367 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CRES | 1.23 | 235.4 | Sn | 03:57:25.583 | -0.8 | T__ | | --- | | 6271370 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| MORH | 1.24 | 104.3 | Lg | 03:57:28.628 | 1.7 | T__ | | --- | | 6271368 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/02 | 04:46:35.37 | 0.77 | 0.67 | 46.4821 | 16.9446 | 3.7 | 3.1 | 1 | 8.0 | 0.8 | 34 | 20 | 86 | 0.12 | 1.26 | ke | BUD | 17000576 | BUD | | | 97 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | 0.1 | 17 BUD | 17000576 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|--------|-----|-----|--------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| BEHE | 0.12 | 264.2 | Pg | 04:46:38.184 | -0.2 | | | | | T__ | 4269.1 | | | _d_ ML | 2.3 | 6271436 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.12 | 264.2 | Lg | 04:46:40.568 | -0.1 | | | | | T__ | | | | --- | | 6271437 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.30 | 58.0 | Pg | 04:46:41.500 | -0.2 | | | | | T__ | 857.2 | | | ___ ML | 2.1 | 6271439 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.30 | 58.0 | Lg | 04:46:46.752 | 0.6 | | | | | T__ | | | | --- | | 6271438 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.40 | 143.3 | Pg | 04:46:43.958 | 0.3 | | | | | T__ | 297.7 | | | ___ ML | 1.9 | 6271447 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.40 | 143.3 | Lg | 04:46:50.142 | 0.9 | | | | | T__ | | | | --- | | 6271446 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.48 | 323.2 | Pg | 04:46:45.411 | 0.4 | | | | | T__ | 281.0 | | | ___ ML | 2.1 | 6271440 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.48 | 323.2 | Lg | 04:46:52.824 | 1.4 | | | | | T__ | | | | --- | | 6271441 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.48 | 266.2 | Pg | 04:46:45.225 | 0.2 | | | | | T__ | 385.1 | | | ___ ML | 2.2 | 6271444 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.48 | 266.2 | Lg | 04:46:51.520 | 0.1 | | | | | T__ | | | | --- | | 6271445 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A261A | 0.49 | 16.5 | Pg | 04:46:44.703 | -0.6 | | | | | T__ | 254.2 | | | ___ ML | 2.1 | 6271443 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.49 | 16.5 | Lg | 04:46:52.712 | 0.4 | | | | | T__ | | | | --- | | 6271442 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.59 | 95.3 | Pg | 04:46:47.050 | -0.3 | | | | | T__ | 471.9 | | | ___ ML | 2.5 | 6271448 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.59 | 95.3 | Lg | 04:46:56.776 | 1.3 | | | | | T__ | | | | --- | | 6271450 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |

```

(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
TIH 0.78 57.0 Pg 04:46:49.695 -1.0 T__ 654.1 ___ ML 2.7 6271449 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
MPLH 0.80 30.5 Pg 04:46:50.369 -0.9 T__ 161.9 ___ ML 2.2 6271452 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.80 30.5 Lg 04:47:03.556 0.7 T__ ___ 6271451 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A260A 0.82 348.5 Pn 04:46:51.859 -0.2 T__ 199.3 ___ ML 2.3 6271453 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.82 348.5 Sn 04:47:04.264 0.1 T__ ___ 6271454 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A273A 0.83 132.8 Pn 04:46:52.492 0.5 T__ 269.7 ___ ML 2.4 6271456 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.83 132.8 Sn 04:47:04.338 0.0 T__ ___ 6271455 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
PTJ 0.89 230.1 Pg 04:46:51.636 -1.1 T__ 174.5 ___ ML 2.2 6271458 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.89 230.1 Lg 04:47:04.934 -0.6 T__ ___ 6271457 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KOVH 0.89 115.8 Pn 04:46:52.381 -0.5 T__ 77.6 ___ ML 1.9 6271459 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.89 115.8 Lg 04:47:05.158 0.5 T__ ___ 6271460 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
A266A 0.91 86.8 Pn 04:46:53.051 -0.1 T__ 222.5 ___ ML 2.4 6271461 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
EGYH 0.97 15.7 Pg 04:46:54.504 -0.1 T__ 160.7 ___ ML 2.2 6271462 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.97 15.7 Sn 04:47:08.399 0.3 T__ ___ 6271463 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A011B 1.15 324.3 Sn 04:47:11.789 -0.3 T__ ___ 6271464 FDSN Z3 00 BUD iLoc HH3 ??? _
A267A 1.16 65.7 Sn 04:47:12.608 -0.0 T__ ___ 6271465 FDSN Z3 00 BUD iLoc HHE ??? _
CRES 1.22 238.1 Pg 04:46:56.665 -1.5 T__ 79.0 ___ ML 2.1 6271467 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 1.22 238.1 Sn 04:47:13.949 -0.7 T__ ___ 6271466 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ARSA 1.24 308.8 Lg 04:47:14.732 -0.2 T__ ___ 6271468 FDSN OE -- BUD iLoc HHE ??? _
CSKK 1.26 45.2 Pg 04:46:59.235 -0.5 T__ 77.2 ___ ML 2.1 6271469 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/02 09:10:37.10 0.91 1.02 48.4510 17.4129 5.6 3.1 141 0.0f 10 5 142 0.12 1.16 sx BUD 17000578 BUD 206

```

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Magnitude Err Nsta Author OrigID
ML 1.8 0.3 4 BUD 17000578

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.12 229.4 Pg 09:10:39.780 -0.3 T__ _c_ 6271524 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.12 229.4 Lg 09:10:41.316 -1.5 T__ ___ 6271528 FDSN SK -- BUD iLoc HHE ??? _

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JAVC | 0.44 | 22.6 | Pg | 09:10:45.889 | -0.6 | T__ | 160.3 | ___ | ML | 1.7 | 6271526 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.44 | 22.6 | Lg | 09:10:53.042 | -0.7 | T__ | | --- | | | 6271525 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.91 | 312.6 | Pg | 09:10:55.218 | 0.7 | T__ | 73.9 | ___ | ML | 1.9 | 6271532 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.91 | 312.6 | Lg | 09:11:08.323 | 0.4 | T__ | | --- | | | 6271529 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.95 | 86.9 | Pg | 09:10:56.618 | 0.4 | T__ | 28.8 | ___ | ML | 1.5 | 6271527 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.95 | 86.9 | Lg | 09:11:10.454 | 0.5 | T__ | | --- | | | 6271533 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CONA | 1.16 | 243.8 | Pg | 09:11:00.128 | 0.1 | T__ | 85.7 | ___ | ML | 2.1 | 6271531 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.16 | 243.8 | Lg | 09:11:16.817 | 1.8 | T__ | | --- | | | 6271530 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/02 | 09:39:45.49 | 0.95 | 0.62 | 47.8714 | 19.1671 | 8.8 | 3.1 | 174 | 0.0f | | 7 | 5 | 166 | 0.10 | 0.66 | sx | BUD | 17000580 | BUD | | | 251 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.10 | 255.4 | Pg | 09:39:48.465 | 0.4 | | | | | T__ | | 2342.2 | | --- | ML | 2.0 | 6271841 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.10 | 255.4 | Lg | 09:39:49.582 | -0.8 | | | | | T__ | | | | --- | | 6271842 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.29 | 83.5 | Lg | 09:39:56.921 | 0.1 | | | | | T__ | | | | --- | | 6271843 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 0.47 | 88.8 | Pg | 09:39:55.878 | 0.1 | | | | | T__ | 57.0 | | | --- | ML | 1.4 | 6271844 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.47 | 88.8 | Lg | 09:40:02.397 | -0.8 | | | | | T__ | | | | --- | | 6271845 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.49 | 84.2 | Lg | 09:40:04.259 | 0.1 | | | | | T__ | | | | --- | | 6271846 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 0.66 | 340.6 | Lg | 09:40:08.581 | -0.3 | | | | | T__ | | | | --- | | 6271847 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/03/02 | 10:14:57.91 | 1.48 | 0.56 | 48.6625 | 21.3674 | 10.7 | 6.9 | 170 | 8.5 | 12.0 | 10 | 6 | 171 | 0.38 | 0.95 | ke | BUD | 17000582 | BUD | | | | | 230 |

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 4 BUD 17000582

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.38 | 193.1 | Lg | 10:15:12.470 | 0.5 | | | | | T__ | | | | --- | | 6271935 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| JOS | 0.57 | 253.4 | Pg | 10:15:09.139 | -0.2 | | | | | T__ | 79.6 | | | --- | ML | 1.7 | 6271931 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.57 | 253.4 | Lg | 10:15:18.281 | 0.4 | | | | | T__ | | | | --- | | 6271936 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.61 | 253.3 | Pg | 10:15:10.033 | -0.1 | | | | | T__ | 79.9 | | | --- | ML | 1.7 | 6271932 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.61 | 253.3 | Lg | 10:15:19.473 | 0.3 | | | | | T__ | | | | --- | | 6271937 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.7 magdef=1
KOLS 0.66 65.3 Lg 10:15:20.866 0.2 T__
HU02A 0.78 226.4 Pg 10:15:13.415 -0.5 T__ 71.6 --- ML 1.8 6271934 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.78 226.4 Lg 10:15:25.176 0.0 T__ --- 6271938 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TRPA 0.95 123.9 Pn 10:15:17.204 0.9 T__ 126.4 --- ML 2.1 6271940 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.95 123.9 Lg 10:15:29.870 -0.1 T__ --- 6271939 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/02 | 10:16:08.04 | 3.90 | 1.37 | 48.5805 | 22.9386 | 32.2 | 22.5 | 106 | 3.5 | 20.5 | 15 | 10 | 248 | 0.52 | 3.42 | ke | BUD | 17000584 | BUD | | | 277 |

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Magnitude Err Nsta Author OrigID
ML 2.4 0.1 6 BUD 17000584

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| TRPA | 0.52 | 210.8 | Pg | 10:16:18.634 | 0.4 | | | | | T__ | | 126.8 | | --- | ML | 1.9 6272002 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| TRPA | 0.52 | 210.8 | Lg | 10:16:26.546 | -0.5 | | | | | T__ | | | | --- | | 6272001 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 0.91 | 229.1 | Pg | 10:16:25.645 | -0.1 | | | | | T__ | | 487.0 | | --- | ML | 2.7 6272009 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| HU07A | 0.91 | 229.1 | Lg | 10:16:40.165 | 0.3 | | | | | T__ | | | | --- | | 6272003 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 1.17 | 256.5 | Pn | 10:16:29.228 | -1.1 | | | | | T__ | | 188.9 | | --- | ML | 2.4 6271998 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| ABAH | 1.17 | 256.5 | Sn | 10:16:46.811 | -1.3 | | | | | T__ | | | | --- | | 6271999 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.60 | 267.9 | Pn | 10:16:35.784 | -0.6 | | | | | T__ | | 88.5 | | --- | ML | 2.3 6272000 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| JOS | 1.60 | 267.9 | Sn | 10:16:59.536 | 1.1 | | | | | T__ | | | | --- | | 6272004 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.63 | 267.5 | Sn | 10:16:59.760 | 0.4 | | | | | T__ | | | | --- | | 6272005 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | | |
| HU02A | 1.67 | 255.0 | Sn | 10:17:02.069 | 1.5 | | | | | T__ | | | | --- | | 6272006 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | |
| DRGR | 1.80 | 185.0 | Pn | 10:16:39.197 | -0.3 | | | | | T__ | | 53.8 | | --- | ML | 2.2 6272008 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| DRGR | 1.80 | 185.0 | Sn | 10:17:02.070 | -2.0 | | | | | T__ | | | | --- | | 6272007 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.93 | 296.7 | Sn | 10:17:06.606 | -0.8 | | | | | T__ | | | | --- | | 6272010 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | | |
| HU01A | 2.55 | 242.2 | Sn | 10:17:23.789 | 2.9 | | | | | T__ | | | | --- | | 6272011 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | |
| A267A | 3.42 | 243.1 | Pn | 10:17:01.848 | 0.3 | | | | | T__ | | 508.0 | | --- | ML | 4.1 6272012 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| (Reading ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/03 | 08:01:29.00 | 1.08 | 0.43 | 46.4410 | 16.9619 | 9.1 | 4.8 | 164 | 11.2 | 4.5 | 16 | 11 | 132 | 0.13 | 1.28 | ke | BUD | 17000590 | BUD | | | 178 |

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Magnitude Err Nsta Author OrigID

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ML 2.1 0.2 6 BUD 17000590

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BEHE | 0.13 | 282.8 | Pg | 08:01:32.519 | -0.1 | | | | | T__ | | 5865.5 | | _d | ML | 2.4 | 6275979 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.13 | 282.8 | Lg | 08:01:34.829 | -0.3 | | | | | T__ | | | | --- | | 6275980 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.32 | 50.5 | Pg | 08:01:35.723 | -0.0 | | | | | T__ | | 674.8 | | --- | ML | 2.0 | 6275982 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.32 | 50.5 | Lg | 08:01:40.864 | 0.4 | | | | | T__ | | | | --- | | 6275981 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.49 | 271.1 | Lg | 08:01:45.591 | 0.1 | | | | | T__ | | | | --- | | 6275987 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| A262A | 0.52 | 324.9 | Lg | 08:01:47.193 | 0.7 | | | | | T__ | | | | --- | | 6275988 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| TIH | 0.79 | 54.1 | Pg | 08:01:44.139 | -0.3 | | | | | T__ | | 586.2 | | --- | ML | 2.7 | 6275989 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.83 | 28.3 | Pg | 08:01:44.477 | -0.8 | | | | | T__ | | 124.2 | | --- | ML | 2.1 | 6275983 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.83 | 28.3 | Sn | 08:01:57.996 | 0.2 | | | | | T__ | | | | --- | | 6275990 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.86 | 348.3 | Lg | 08:01:57.478 | 0.3 | | | | | T__ | | | | --- | | 6275984 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| PTJ | 0.87 | 232.6 | Pn | 08:01:46.597 | -0.0 | | | | | T__ | | 175.5 | | --- | ML | 2.2 | 6275992 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.87 | 232.6 | Lg | 08:01:58.518 | 0.4 | | | | | T__ | | | | --- | | 6275991 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.19 | 100.4 | Pn | 08:01:50.661 | 0.6 | | | | | T__ | | 38.0 | | --- | ML | 1.7 | 6275986 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.19 | 100.4 | Sn | 08:02:06.009 | -0.2 | | | | | T__ | | | | --- | | 6275985 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 1.19 | 325.0 | Sn | 08:02:06.378 | 0.3 | | | | | T__ | | | | --- | | 6275993 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| ARSA | 1.28 | 309.9 | Lg | 08:02:09.246 | -0.1 | | | | | T__ | | | | --- | | 6275994 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/04 | 03:34:04.47 | 0.97 | 0.90 | 46.0335 | 17.2556 | 6.7 | 3.7 | 16 | 12.0 | 12.9 | 25 | 13 | 154 | 0.13 | 1.27 | ke | BUD | 17000596 | BUD | | | 194 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.3 | 12 BUD | 17000596 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A264A | 0.13 | 10.6 | Pg | 03:34:06.908 | -1.1 | | | | | T__ | | 557.7 | | _d | ML | 1.4 | 6296244 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.13 | 10.6 | Lg | 03:34:09.656 | -0.9 | | | | | T__ | | | | --- | | 6296258 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.41 | 106.5 | Pg | 03:34:13.157 | 0.3 | | | | | T__ | | 142.1 | | --- | ML | 1.6 | 6296245 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.41 | 106.5 | Lg | 03:34:20.049 | 1.6 | | | | | T__ | | | | --- | | 6296259 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.54 | 43.6 | Pg | 03:34:14.796 | -0.6 | | | | | T__ | | 191.4 | | --- | ML | 2.1 | 6296250 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.54 | 43.6 | Lg | 03:34:23.625 | 0.7 | | | | | T__ | | | | --- | | 6296260 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.55 | 322.8 | Pg | 03:34:16.063 | 0.5 | | | | | T__ | | 186.7 | | --- | ML | 2.1 | 6296246 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| BEHE | 0.55 | 322.8 | Lg | 03:34:24.891 | 1.8 | T__ | --- | 6296247 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.59 | 84.4 | Pg | 03:34:16.584 | 0.2 | T__ | 56.5 | --- | ML | 1.6 | 6296249 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.59 | 84.4 | Sn | 03:34:27.015 | -0.2 | T__ | --- | 6296248 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A263A | 0.61 | 3.8 | Pg | 03:34:16.510 | -0.1 | T__ | 234.5 | --- | ML | 2.2 | 6296251 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.61 | 3.8 | Lg | 03:34:25.488 | 0.5 | T__ | --- | 6296261 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.81 | 301.1 | Pg | 03:34:19.490 | -0.6 | T__ | 66.1 | --- | ML | 1.8 | 6296252 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.81 | 301.1 | Lg | 03:34:30.852 | 0.1 | T__ | --- | 6296253 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A266A | 0.86 | 54.5 | Pg | 03:34:20.645 | -0.6 | T__ | 122.8 | --- | ML | 2.1 | 6296262 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A266A | 0.86 | 54.5 | Sn | 03:34:34.391 | 0.7 | T__ | --- | 6296254 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A262A | 0.97 | 329.1 | Pn | 03:34:22.954 | 0.2 | T__ | 97.4 | --- | ML | 2.0 | 6296256 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.97 | 329.1 | Lg | 03:34:35.844 | 0.1 | T__ | --- | 6296263 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TIH | 0.97 | 26.7 | Pn | 03:34:22.917 | 0.3 | T__ | 122.6 | --- | ML | 2.1 | 6296257 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MORH | 0.98 | 78.9 | Pn | 03:34:22.582 | -0.0 | T__ | 23.7 | --- | ML | 1.4 | 6296255 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.98 | 78.9 | Lg | 03:34:36.961 | -0.6 | T__ | --- | 6296264 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A267A | 1.25 | 42.4 | Lg | 03:34:45.604 | -1.7 | T__ | --- | 6296268 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| CRES | 1.27 | 261.3 | Pg | 03:34:27.388 | -0.5 | T__ | 26.8 | --- | ML | 1.6 | 6296267 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 1.27 | 261.3 | Sn | 03:34:42.996 | -1.1 | T__ | --- | 6296265 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | | | |
| CRES | 1.27 | 261.3 | Lg | 03:34:44.374 | -1.4 | T__ | --- | 6296266 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/04 | 08:00:26.47 | 1.60 | 1.19 | 47.9813 | 20.6568 | 9.8 | 5.6 | 179 | 0.0f | | 8 | 5 | 212 | 0.17 | 0.52 | sx | BUD | 17000600 | BUD | | | 277 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.0 | 3 BUD | 17000600 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.17 | 328.0 | Pg | 08:00:31.278 | 0.8 | | | | | T__ | | 645.0 | | --- | ML | 1.6 | 6296672 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.17 | 328.0 | Lg | 08:00:32.843 | -1.0 | | | | | T__ | | | | --- | | 6296673 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.50 | 50.9 | Pg | 08:00:37.301 | 0.6 | | | | | T__ | | 61.5 | | --- | ML | 1.5 | 6296671 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.50 | 50.9 | Lg | 08:00:44.000 | -1.4 | | | | | T__ | | | | --- | | 6296674 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

KECS 0.52 347.2 Lg 08:00:44.242 -0.6 T__ --- 6296676 FDSN SK -- BUD iLoc EHE ??? _
 PSZ 0.52 263.3 Lg 08:00:44.652 -1.3 T__ --- 6296675 FDSN GE -- BUD iLoc HHE ??? _
 JOS 0.52 351.4 Pg 08:00:37.599 0.6 T__ 63.7 --- ML 1.6 6296670 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 0.52 351.4 Lg 08:00:44.242 -0.8 T__ --- 6296677 FDSN ZJ -- BUD iLoc HHE ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/03/04 11:01:08.50 1.94 0.25 47.3111 18.2376 16.4 2.6 135 0.0f 5 3 227 0.02 0.10 sx BUD 17000602 BUD 296

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
 MSW2 0.02 244.1 Pg 11:01:09.503 0.1 T__ 251.9 --- ML 0.8 6298760 FDSN HU -- BUD iLoc HHZ HHZ _
 MSW2 0.02 244.1 Lg 11:01:10.497 -0.2 T__ --- 6298761 FDSN HU -- BUD iLoc HHE ??? _
 (Reading ML: 0.8 magdef=1
 (Station ML: 0.8 magdef=1
 CSKK 0.05 16.6 Pg 11:01:10.370 0.1 T__ 142.6 --- ML 0.6 6298762 FDSN HU -- BUD iLoc HHZ HHZ _
 CSKK 0.05 16.6 Lg 11:01:11.899 -0.3 T__ --- 6298763 FDSN HU -- BUD iLoc HHE ??? _
 (Reading ML: 0.6 magdef=1
 (Station ML: 0.6 magdef=1
 MSW3 0.10 313.6 Lg 11:01:13.836 0.0 T__ --- 6298764 FDSN HU -- BUD iLoc HHE ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/03/04 14:29:54.09 1.55 0.31 47.8830 16.0317 10.4 8.3 125 0.0f 5 4 185 0.12 0.92 sx BUD 17000604 BUD 275

Magnitude Err Nsta Author OrigID
 ML 1.8 0.6 3 BUD 17000604

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
 CONA 0.12 291.7 Pg 14:29:56.545 -0.2 T__ 330.1 --- ML 1.2 6300005 FDSN OE -- BUD iLoc HHZ HHZ _
 CONA 0.12 291.7 Lg 14:29:58.855 0.1 T__ --- 6300006 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 1.2 magdef=1
 (Station ML: 1.2 magdef=1
 AO13A 0.46 293.5 Pg 14:30:03.288 0.3 T__ 165.1 --- ML 1.8 6300007 FDSN Z3 00 BUD iLoc HHZ HHZ _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 ARSA 0.72 208.7 Lg 14:30:17.182 0.1 T__ --- 6300008 FDSN OE -- BUD iLoc HHN ??? _
 AO01A 0.92 23.6 Pg 14:30:12.414 -0.0 T__ 155.8 --- ML 2.2 6300009 FDSN Z3 00 BUD iLoc HHZ HHZ _
 (Reading ML: 2.2 magdef=1
 (Station ML: 2.2 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/03/04 16:10:16.82 4.75 0.51 47.5534 16.4328 30.4 8.3 105 0.0f 6 4 289 0.35 0.86 sx BUD 17000606 BUD 297

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
 AO11B 0.35 245.9 Lg 16:10:28.182 -0.3 T__ --- 6300043 FDSN Z3 00 BUD iLoc HH3 ??? _

```

CONA 0.54 314.4 Pg 16:10:27.660 0.1 T__ 60.9 ___ ML 1.6 6300044 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.54 314.4 Lg 16:10:34.216 -0.6 T__ ___ 6300045 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ARSA 0.69 244.2 Lg 16:10:38.985 0.2 T__ ___ 6300046 FDSN OE -- BUD iLoc HHN ??? _
AO13A 0.86 306.8 Pg 16:10:33.397 -0.0 T__ 61.9 ___ ML 1.8 6300048 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO13A 0.86 306.8 Lg 16:10:45.168 0.6 T__ ___ 6300047 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/05 00:41:21.25 0.76 0.79 47.8156 18.0019 2.5 2.2 12 10.9 5.7 36 22 50 0.21 1.44 ke BUD 17000608 BUD 61

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Magnitude Err Nsta Author OrigID
ML 2.2 0.1 15 BUD 17000608

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SR0 0.21 90.5 Pg 00:41:26.413 0.4 T__ 2056.4 ___ ML 2.2 6313883 FDSN SK -- BUD iLoc EHZ EHZ _
SR0 0.21 90.5 Lg 00:41:31.331 1.4 T__ ___ 6313882 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A339A 0.23 273.5 Pg 00:41:26.711 0.2 T__ 839.0 ___ ML 1.9 6313880 FDSN Z3 00 BUD iLoc HHZ HHZ _
A339A 0.23 273.5 Lg 00:41:30.288 -0.3 T__ ___ 6313881 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
A338A 0.31 49.6 Pg 00:41:27.829 -0.0 T__ 994.5 ___ ML 2.2 6313884 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU09A 0.31 124.4 Lg 00:41:31.360 -2.0 T__ ___ 6313911 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 0.39 187.8 Pg 00:41:29.021 -0.3 T__ 157.2 ___ ML 1.6 6313888 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.39 187.8 Lg 00:41:35.130 -0.6 T__ ___ 6313887 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
A337A 0.45 341.7 Pg 00:41:31.182 0.6 T__ 216.3 ___ ML 1.9 6313885 FDSN Z3 00 BUD iLoc HHZ HHZ _
A337A 0.45 341.7 Lg 00:41:38.483 0.7 T__ ___ 6313886 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
CSKK 0.49 158.8 Pg 00:41:31.480 0.3 T__ 275.0 ___ ML 2.1 6313889 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.49 158.8 Lg 00:41:38.632 -0.6 T__ ___ 6313890 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
EGYH 0.60 228.9 Pg 00:41:33.268 -0.2 T__ 231.4 ___ ML 2.2 6313892 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.60 228.9 Lg 00:41:42.208 -0.1 T__ ___ 6313891 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
AO03A 0.64 265.3 Pg 00:41:34.087 -0.1 T__ 265.0 ___ ML 2.3 6313893 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO03A 0.64 265.3 Lg 00:41:43.400 -0.1 T__ ___ 6313894 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
HU10A 0.69 87.1 Pg 00:41:36.248 0.9 T__ 236.9 ___ ML 2.3 6313896 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.69 87.1 Lg 00:41:46.186 0.3 T__ ___ 6313912 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1

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(Station ML: 2.3 magdef=1
ZST 0.71 302.6 Pg 00:41:34.534 -1.1 T__ --- 6313895 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.71 302.6 Lg 00:41:45.292 -1.0 T__ --- 6313913 FDSN SK -- BUD iLoc HHE ??? _
MPLH 0.72 206.1 Pg 00:41:35.801 0.2 T__ 181.0 --- ML 2.2 6313898 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.72 206.1 Lg 00:41:47.125 1.1 T__ --- 6313899 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MODS 0.74 319.3 Pg 00:41:35.801 -0.4 T__ --- 6313897 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.74 319.3 Lg 00:41:47.192 -0.3 T__ --- 6313902 FDSN SK -- BUD iLoc HHN ??? _
BUD 0.77 115.3 Pg 00:41:36.314 -0.6 T__ 222.9 --- ML 2.3 6313904 FDSN HU -- BUD iLoc HHZ HHZ _
BUD 0.77 115.3 Lg 00:41:48.235 -0.4 T__ --- 6313903 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
VYHS 0.88 39.1 Pg 00:41:38.259 -0.7 T__ 31.4 --- ML 1.5 6313901 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.88 39.1 Lg 00:41:50.478 -1.0 T__ --- 6313900 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
A267A 0.93 159.3 Lg 00:41:54.084 0.5 T__ --- 6313914 FDSN Z3 00 BUD iLoc HHN ??? _
A260A 1.03 239.2 Sn 00:41:55.834 0.9 T__ --- 6313905 FDSN Z3 00 BUD iLoc HHE ??? _
A261A 1.04 214.2 Pn 00:41:41.604 1.0 T__ 166.8 --- ML 2.3 6313906 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
JAVC 1.07 348.2 Pn 00:41:41.679 0.2 T__ 139.2 --- ML 2.2 6313907 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.07 348.2 Sn 00:41:57.362 -0.1 T__ --- 6313915 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU03A 1.08 84.7 Pn 00:41:42.275 1.2 T__ 247.8 --- ML 2.5 6313908 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
A005B 1.33 295.5 Sn 00:42:03.657 1.1 T__ --- 6313909 FDSN Z3 00 BUD iLoc HHE ??? _
A011B 1.44 254.3 Lg 00:42:08.425 0.9 T__ --- 6313910 FDSN Z3 00 BUD iLoc HH3 ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/07 13:02:19.76 1.43 0.95 45.5707 16.0194 8.7 6.7 5 1.0f 18 12 168 0.26 1.94 ke BUD 17000610 BUD 229

```

```

Magnitude Err Nsta Author OrigID
ML 2.1 0.2 6 BUD 17000610

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ZAG 0.26 354.9 Pg 13:02:25.009 0.1 T__ 1824.4 --- ML 2.3 6328138 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.26 354.9 Lg 13:02:28.958 0.3 T__ --- 6328139 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
PTJ 0.34 353.9 Pg 13:02:26.052 -0.8 T__ 231.9 --- ML 1.6 6328141 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.34 353.9 Lg 13:02:30.746 -1.3 T__ --- 6328140 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CRES 0.47 303.1 Pg 13:02:29.033 0.1 T__ 91.0 --- ML 1.6 6328142 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.47 303.1 Lg 13:02:35.738 -0.1 T__ --- 6328143 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
KOGS 0.89 10.3 Pg 13:02:37.526 0.3 T__ 122.9 _c_ ML 2.1 6328145 FDSN SL -- BUD iLoc BHZ BHZ _

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| KOGS | 0.89 | 10.3 | Lg | 13:02:50.713 | 2.0 | T__ | --- | 6328144 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.04 | 30.1 | Pg | 13:02:40.245 | 0.1 | T__ | 227.6 | --- | ML | 2.4 | 6328146 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 1.04 | 30.1 | Lg | 13:02:54.653 | 0.5 | T__ | --- | 6328149 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A264A | 1.07 | 56.0 | Lg | 13:02:55.101 | 0.3 | T__ | --- | 6328150 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| BLY | 1.16 | 134.5 | Lg | 13:02:56.375 | -0.7 | T__ | --- | 6328147 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ | | | |
| A273A | 1.30 | 74.0 | Sn | 13:03:01.918 | -0.4 | T__ | --- | 6328151 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| OBKA | 1.39 | 313.0 | Pn | 13:02:46.942 | 0.4 | T__ | 61.4 | --- | ML | 2.1 | 6328152 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.39 | 313.0 | Lg | 13:03:05.502 | 0.9 | T__ | --- | 6328148 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.54 | 69.7 | Sn | 13:03:07.505 | -0.7 | T__ | --- | 6328153 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| ARSA | 1.72 | 348.6 | Sn | 13:03:14.136 | 1.6 | T__ | --- | 6328154 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | | | |
| MORH | 1.94 | 69.7 | Sn | 13:03:19.351 | 1.5 | T__ | --- | 6328155 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/03/08 | 01:07:19.07 | 2.94 | 1.33 | 45.5920 | 16.0660 | 18.6 | 8.0 | 152 | 3.0f | 11 | 7 | 228 | 0.24 | 1.90 | ke | BUD | 17000614 | BUD | | | | 269 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.3 | 4 BUD | 17000614 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| ZAG | 0.24 | 346.8 | Pg | 01:07:23.531 | -0.4 | | | | | T__ | | 383.4 | | --- | ML | 1.6 | 6330543 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ | |
| ZAG | 0.24 | 346.8 | Lg | 01:07:28.225 | 0.8 | | | | | T__ | | | | --- | | 6330544 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.32 | 347.8 | Pg | 01:07:25.021 | -0.8 | | | | | T__ | | 69.4 | | --- | ML | 1.0 | 6330546 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ | |
| PTJ | 0.32 | 347.8 | Lg | 01:07:30.087 | -0.7 | | | | | T__ | | | | --- | | 6330545 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.49 | 299.0 | Pg | 01:07:28.374 | -0.2 | | | | | T__ | | 33.7 | | --- | ML | 1.2 | 6330547 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ | |
| CRES | 0.49 | 299.0 | Lg | 01:07:36.539 | 0.8 | | | | | T__ | | | | --- | | 6330550 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.87 | 8.5 | Pg | 01:07:35.526 | -0.5 | | | | | T__ | | 41.6 | | --- | ML | 1.6 | 6330548 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ | |
| KOGS | 0.87 | 8.5 | Lg | 01:07:49.279 | 2.2 | | | | | T__ | | | | --- | | 6330551 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.01 | 29.1 | Lg | 01:07:53.526 | 1.4 | | | | | T__ | | | | --- | | 6330552 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |
| OBKA | 1.40 | 311.5 | Lg | 01:08:04.284 | 0.0 | | | | | T__ | | | | --- | | 6330549 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | | |
| MORH | 1.90 | 70.0 | Sn | 01:08:17.944 | 2.1 | | | | | T__ | | | | --- | | 6330553 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/03/09 | 01:55:14.16 | 1.26 | 0.94 | 45.5928 | 16.0294 | 7.9 | 6.5 | 76 | 2.0 | 19.2 | 16 | 9 | 164 | 0.24 | 1.69 | ke | BUD | 17000620 | BUD | | | | 230 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.2 | 7 BUD | 17000620 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZAG | 0.24 | 352.8 | Pg | 01:55:18.898 | -0.0 | | | | | T__ | | 813.0 | | ___ | ML | 1.9 | 6335603 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.24 | 352.8 | Lg | 01:55:23.107 | 0.7 | | | | | T__ | | | | --- | | 6335604 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.32 | 352.2 | Pg | 01:55:19.885 | -0.9 | | | | | T__ | | 110.1 | | _c | ML | 1.2 | 6335606 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.32 | 352.2 | Lg | 01:55:24.709 | -1.0 | | | | | T__ | | | | --- | | 6335605 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.46 | 300.4 | Pg | 01:55:23.331 | 0.1 | | | | | T__ | | 33.5 | | --- | ML | 1.1 | 6335602 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.46 | 300.4 | Lg | 01:55:29.961 | -0.1 | | | | | T__ | | | | --- | | 6335601 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.87 | 10.1 | Pg | 01:55:31.470 | 0.3 | | | | | T__ | | 94.4 | | --- | ML | 2.0 | 6335607 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.87 | 10.1 | Lg | 01:55:44.105 | 1.8 | | | | | T__ | | | | --- | | 6335612 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.02 | 30.4 | Pg | 01:55:34.227 | 0.1 | | | | | T__ | | 95.8 | | --- | ML | 2.0 | 6335609 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 1.02 | 30.4 | Sn | 01:55:49.872 | -0.0 | | | | | T__ | | | | --- | | 6335610 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLY | 1.17 | 135.5 | Pg | 01:55:35.985 | -0.4 | | | | | T__ | | 28.8 | | --- | ML | 1.6 | 6335613 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 1.17 | 135.5 | Lg | 01:55:52.629 | 0.8 | | | | | T__ | | | | --- | | 6335611 | FDSN | MN | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.38 | 312.2 | Pn | 01:55:40.858 | 0.2 | | | | | T__ | | 53.7 | | --- | ML | 2.0 | 6335608 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.38 | 312.2 | Lg | 01:55:58.783 | 0.1 | | | | | T__ | | | | --- | | 6335614 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.53 | 70.4 | Sn | 01:56:00.943 | -1.1 | | | | | T__ | | | | --- | | 6335615 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| ARSA | 1.69 | 348.3 | Sn | 01:56:07.872 | 1.7 | | | | | T__ | | | | --- | | 6335616 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/03/09 | 07:16:38.62 | 1.75 | 1.12 | 47.9697 | 20.3429 | 19.1 | 4.0 | 147 | 0.0f | | 6 | 3 | 221 | 0.20 | 0.54 | kx | BUD | 17000622 | BUD | | | 335 |
| 2021/03/09 | 07:16:38.66 | 0.99 | 0.98 | 47.9767 | 20.3679f | | | | 0.0f | | 6 | 3 | 223 | 0.18 | 0.53 | kx | BUD_GT | 17000623 | BUD_GT | | | 336 |

(locality : Eger-III. Hungary)

(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 0.9 | 0.1 | 3 BUD_GT | 17000623 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.18 | 35.8 | Pg | 07:16:43.507 | 0.6 | | | | | T__ | | 131.3 | | --- | ML | 0.9 | 6336208 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.18 | 35.8 | Lg | 07:16:45.918 | -0.5 | | | | | T__ | | | | --- | | 6336207 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.32 | 259.8 | Pg | 07:16:46.065 | 0.1 | | | | | T__ | | 45.0 | | --- | ML | 0.9 | 6336209 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.32 | 259.8 | Lg | 07:16:49.846 | -1.7 | | | | | T__ | | | | --- | | 6336210 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 12.4 | Pg | 07:16:50.389 | 1.0 | | | | | T__ | | 35.6 | | --- | ML | 1.3 | 6336206 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |

JOS 0.53 12.4 Lg 07:16:57.278 -0.3 T__ --- 6336211 FDSN ZJ -- BUD iLoc HHE ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/03/09 | 08:58:40.35 | 1.49 | 1.66 | 47.3850 | 18.3393 | 9.1 | 5.1 | 112 | 0.0f | 10 | 8 | 107 | 0.06 | 1.31 | sx | BUD | 17000626 | BUD | | | | 153 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.4 | 3 BUD | 17000626 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|-------|---------------------------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| MSW1 | 0.06 | 278.2 | Pg | 08:58:42.663 | 0.5 | | | | | T__ | | 1009.7 | | --- | ML | 1.5 | 6336387 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MSW1 | 0.06 | 278.2 | Lg | 08:58:43.699 | -0.3 | | | | | T__ | | | | --- | | 6336388 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| | (Reading ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.06 | 247.7 | Pg | 08:58:42.241 | 0.1 | | | | | T__ | | 1745.8 | | --- | ML | 1.7 | 6336380 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CSKK | 0.06 | 247.7 | Lg | 08:58:43.657 | -0.5 | | | | | T__ | | | | --- | | 6336381 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| | (Reading ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.12 | 226.6 | Pg | 08:58:43.934 | 0.6 | | | | | T__ | | 231.7 | | --- | ML | 1.0 | 6336389 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| | (Reading ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.26 | 6.6 | Lg | 08:58:50.288 | -0.5 | | | | | T__ | | | | --- | | 6336382 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| VYHS | 1.16 | 16.6 | Sn | 08:59:18.822 | -2.1 | | | | | T__ | | | | --- | | 6336385 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | |
| PSZ | 1.18 | 62.5 | Sn | 08:59:19.642 | -1.8 | | | | | T__ | | | | --- | | 6336384 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | | |
| MORH | 1.19 | 169.8 | Sn | 08:59:17.928 | -2.9 | | | | | T__ | | | | --- | | 6336383 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |
| KOVH | 1.31 | 187.3 | Sn | 08:59:22.324 | -1.4 | | | | | T__ | | | | --- | | 6336386 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|--|-----|
| 2021/03/09 | 11:52:41.74 | 1.48 | 1.29 | 47.8222 | 20.1837 | 13.1 | 4.4 | 169 | 0.0f | 7 | 5 | 169 | 0.22 | 0.70 | kx | BUD | 17000628 | BUD | | | | | | 244 |
| 2021/03/09 | 11:52:42.35 | 0.98 | 1.47 | 47.8650 | 20.1529f | | | | 0.0f | 7 | 5 | 159 | 0.18 | 0.73 | kx | BUD_GT | 17000629 | BUD_GT | | | | | | 230 |

(locality : Kisnána Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.3 | 0.1 | 3 BUD_GT | 17000629 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|-------|---------------------------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| PSZ | 0.18 | 287.2 | Pg | 11:52:47.594 | 0.8 | | | | | T__ | | 376.4 | | --- | ML | 1.4 | 6336465 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 0.18 | 287.2 | Lg | 11:52:49.823 | -0.6 | | | | | T__ | | | | --- | | 6336467 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | | |
| | (Reading ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 11:52:47.514 | 0.7 | | | | | T__ | | 292.2 | | --- | ML | 1.3 | 6336468 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| | (Reading ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 11:52:50.574 | 0.4 | | | | | T__ | | 49.4 | | --- | ML | 1.0 | 6336466 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.36 | 44.0 | Lg | 11:52:55.672 | -0.7 | | | | | T__ | | | | --- | | 6336469 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | |
| | (Reading ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.37 | 276.2 | Lg | 11:52:55.821 | -0.6 | | | | | T__ | | | | --- | | 6336470 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
|--|-------------|-------|-------|--------------|-----------|------|-------|------|-------|-----|------|---------|-----|-------|-----------|---------|---------|----------|-----|-------|------|------|-----|-----|---|
| 2021/03/10 | 01:59:47.44 | 0.81 | 0.70 | 47.6561 | 20.3153 | 4.1 | 3.4 | 109 | 8.3 | 3.9 | 29 | 19 | 54 | 0.02 | 1.31 | ke | BUD | 17000632 | BUD | | | 84 | | | |
| Magnitude Err Nsta Author OrigID ML 1.9 0.2 15 BUD 17000632 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| TENKA | 0.02 | 94.7 | Pg | 01:59:49.465 | 0.2 | | | | | T__ | | 36953.2 | | ___ | ML | 2.9 | 6339556 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TENKA | 0.02 | 94.7 | Lg | 01:59:49.986 | -0.7 | | | | | T__ | | | | --- | | 6339557 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.05 | 249.0 | Pg | 01:59:49.986 | 0.5 | | | | | T__ | | 2224.5 | | _d_ | ML | 1.8 | 6339555 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATANC | 0.05 | 151.1 | Pg | 01:59:49.483 | 0.0 | | | | | T__ | | 69199.7 | | _c_ | ML | 3.3 | 6339558 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BSZH | 0.36 | 185.3 | Pg | 01:59:55.360 | -0.0 | | | | | T__ | | 230.0 | | --- | ML | 1.7 | 6339559 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.37 | 306.8 | Pg | 01:59:55.807 | 0.3 | | | | | T__ | | 45.8 | | --- | ML | 1.0 | 6339560 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.37 | 306.8 | Lg | 02:00:01.190 | -0.1 | | | | | T__ | | | | --- | | 6339561 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.39 | 312.9 | Pg | 01:59:55.993 | 0.0 | | | | | T__ | | 99.6 | | --- | ML | 1.4 | 6339563 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.39 | 312.9 | Lg | 02:00:01.879 | -0.3 | | | | | T__ | | | | --- | | 6339562 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.49 | 16.8 | Pg | 01:59:57.390 | -0.3 | | | | | T__ | | 91.3 | | --- | ML | 1.6 | 6339564 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.49 | 16.8 | Lg | 02:00:04.803 | -0.6 | | | | | T__ | | | | --- | | 6339565 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU01A | 0.57 | 236.8 | Pg | 01:59:59.271 | -0.4 | | | | | T__ | | 129.3 | | --- | ML | 1.9 | 6339566 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU01A | 0.57 | 236.8 | Lg | 02:00:07.392 | -0.6 | | | | | T__ | | | | --- | | 6339567 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.57 | 100.3 | Lg | 02:00:07.876 | 0.0 | | | | | T__ | | | | --- | | 6339568 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.84 | 7.8 | Pg | 02:00:04.337 | 0.3 | | | | | T__ | | 92.2 | | --- | ML | 1.9 | 6339570 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.84 | 7.8 | Lg | 02:00:15.736 | -0.3 | | | | | T__ | | | | --- | | 6339569 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.85 | 10.1 | Pg | 02:00:04.537 | 0.2 | | | | | T__ | | 45.1 | | --- | ML | 1.6 | 6339578 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.85 | 10.1 | Lg | 02:00:16.370 | -0.2 | | | | | T__ | | | | --- | | 6339572 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUD | 0.89 | 259.3 | Sn | 02:00:17.003 | -1.3 | | | | | T__ | | | | --- | | 6339571 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.89 | 43.8 | Pg | 02:00:05.003 | 0.1 | | | | | T__ | | 78.6 | | --- | ML | 1.9 | 6339580 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.89 | 43.8 | Lg | 02:00:17.785 | -0.4 | | | | | T__ | | | | --- | | 6339574 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU10A | 0.90 | 282.7 | Pn | 02:00:05.157 | 0.4 | T__ | 60.7 | ___ | ML | 1.8 | 6339573 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.90 | 282.7 | Sn | 02:00:17.520 | -1.0 | T__ | | --- | | | 6339579 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU04A | 1.02 | 214.4 | Pn | 02:00:06.535 | 0.2 | T__ | 115.6 | ___ | ML | 2.1 | 6339575 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU04A | 1.02 | 214.4 | Sn | 02:00:20.984 | -0.1 | T__ | | --- | | | 6339581 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A271A | 1.12 | 244.0 | Pn | 02:00:09.106 | 1.2 | T__ | 119.2 | ___ | ML | 2.2 | 6339576 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A272A | 1.30 | 225.8 | Pn | 02:00:11.937 | 1.8 | T__ | 93.1 | ___ | ML | 2.2 | 6339577 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.30 | 310.8 | Sn | 02:00:29.589 | 0.9 | T__ | | --- | | | 6339582 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| HU09A | 1.31 | 269.9 | Sn | 02:00:29.701 | 1.2 | T__ | | --- | | | 6339583 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/10 | 08:35:09.95 | 1.81 | 0.80 | 47.4002 | 18.4091 | 14.7 | 5.0 | 129 | 0.0f | | 9 | 6 | 110 | 0.10 | 1.20 | sx | BUD | 17000634 | BUD | | | 187 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 3 BUD | 17000634 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.10 | 266.0 | Pg | 08:35:13.265 | 0.6 | | | | | T__ | | 564.5 | | ___ | ML | 1.3 | 6340899 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.10 | 266.0 | Lg | 08:35:14.474 | -0.8 | | | | | T__ | | | | --- | | 6340900 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.11 | 249.9 | Pg | 08:35:13.135 | 0.4 | | | | | T__ | | 889.4 | | ___ | ML | 1.5 | 6340892 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.11 | 249.9 | Lg | 08:35:14.625 | -0.8 | | | | | T__ | | | | --- | | 6340893 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.24 | 355.7 | Lg | 08:35:19.766 | -0.1 | | | | | T__ | | | | --- | | 6340894 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.13 | 62.1 | Pn | 08:35:32.357 | 0.2 | | | | | T__ | | 50.2 | | ___ | ML | 1.8 | 6340897 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.13 | 62.1 | Sn | 08:35:49.269 | -0.6 | | | | | T__ | | | | --- | | 6340896 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.13 | 14.5 | Lg | 08:35:48.301 | -1.1 | | | | | T__ | | | | --- | | 6340898 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.20 | 172.2 | Sn | 08:35:49.940 | -0.7 | | | | | T__ | | | | --- | | 6340895 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/10 | 09:45:57.07 | 1.70 | 0.92 | 47.8341 | 19.8332 | 16.4 | 3.5 | 167 | 0.0f | | 11 | 7 | 213 | 0.05 | 0.81 | sx | BUD | 17000636 | BUD | | | 236 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 4 BUD | 17000636 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ET1H | 0.05 | 29.7 | Pg | 09:45:58.650 | -0.1 | | | | | T__ | | 1330.5 | | ___ | ML | 1.6 | 6340932 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.05 | 29.7 | Lg | 09:45:59.917 | -0.4 | | | | | T__ | | | | --- | | 6340931 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.6 magdef=1
PSZ 0.09 26.0 Pg 09:45:59.842 0.1 T__ 1336.3 --- ML 1.7 6340929 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.09 26.0 Lg 09:46:01.705 -0.5 T__ --- 6340930 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU03A 0.17 294.0 Pg 09:46:01.183 0.1 T__ 258.1 --- ML 1.2 6340933 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.17 294.0 Lg 09:46:05.539 1.3 T__ --- 6340937 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.55 57.9 Pg 09:46:09.900 1.2 T__ 43.5 --- ML 1.4 6340935 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.55 57.9 Lg 09:46:16.680 -0.9 T__ --- 6340934 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU10A 0.55 271.5 Lg 09:46:16.268 -1.3 T__ --- 6340938 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.78 33.7 Lg 09:46:24.388 -0.2 T__ --- 6340939 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.81 35.3 Lg 09:46:24.875 -0.8 T__ --- 6340936 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/10 10:11:22.61 0.88 0.62 47.9293 20.0382 4.1 3.0 161 0.0f 19 14 82 0.10 1.18 sx BUD 17000638 BUD 122

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 5 BUD 17000638

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
PSZ 0.10 263.6 Pg 10:11:25.725 0.4 T__ 2752.2 --- ML 2.0 6340978 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.10 263.6 Lg 10:11:27.849 0.0 T__ --- 6340979 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 0.12 246.0 Pg 10:11:25.949 0.2 T__ 894.9 --- ML 1.6 6340981 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.12 246.0 Lg 10:11:28.296 0.0 T__ --- 6340980 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.30 265.2 Lg 10:11:34.663 0.7 T__ --- 6340988 FDSN ZJ 00 BUD iLoc HHN ??? _
HU23A 0.32 153.8 Lg 10:11:35.076 -0.2 T__ --- 6340982 FDSN ZJ 00 BUD iLoc HHN ??? _
TENKA 0.35 142.7 Lg 10:11:36.044 0.0 T__ --- 6340983 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.63 28.2 Lg 10:11:45.134 0.2 T__ --- 6340985 FDSN SK -- BUD iLoc EHE ??? _
BSZH 0.65 166.1 Lg 10:11:46.137 -0.6 T__ --- 6340991 FDSN HU -- BUD iLoc HHE ??? _
HU01A 0.65 205.9 Lg 10:11:45.879 -0.8 T__ --- 6340984 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.66 30.4 Pg 10:11:35.893 0.1 T__ 105.5 --- ML 1.9 6340990 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.66 30.4 Lg 10:11:45.690 -0.2 T__ --- 6340989 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU10A 0.69 263.4 Lg 10:11:47.180 -0.9 T__ --- 6340992 FDSN ZJ 00 BUD iLoc HHE ??? _
HU05A 0.83 116.6 Lg 10:11:52.246 -0.7 T__ --- 6340993 FDSN ZJ 00 BUD iLoc HHE ??? _
ABAH 0.88 65.0 Pg 10:11:41.145 0.9 T__ 105.0 --- ML 2.0 6340995 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.88 65.0 Lg 10:11:53.140 -1.3 T__ --- 6340994 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
VYHS 0.98 305.5 Pg 10:11:42.302 -0.2 T__ 27.4 --- ML 1.5 6340987 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.98 305.5 Lg 10:11:56.160 -0.7 T__ --- 6340986 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0

```

HU04A 1.18 199.0 Sn 10:12:02.900 0.4 T__ --- 6340996 FDSN ZJ 00 BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/10 | 17:45:03.78 | 1.78 | 0.61 | 45.7190 | 18.0261 | 12.8 | 5.8 | 172 | 0.8 | 4.6 | 12 | 8 | 160 | 0.37 | 1.15 | ke | BUD | 17000640 | BUD | | | 259 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.3 | 0.0 | 7 BUD | 17000640 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.37 | 7.9 | Pg | 17:45:11.574 | 0.0 | | | | | T__ | | 51.6 | | _d_ | ML | 1.0 | 6341139 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.37 | 7.9 | Lg | 17:45:16.826 | -0.2 | | | | | T__ | | | | --- | | 6341140 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.66 | 40.7 | Pg | 17:45:16.566 | -0.4 | | | | | T__ | | 28.3 | | --- | ML | 1.3 | 6341141 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.66 | 40.7 | Lg | 17:45:26.214 | -0.5 | | | | | T__ | | | | --- | | 6341142 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.68 | 310.9 | Pg | 17:45:17.668 | 0.2 | | | | | T__ | | 239.9 | | --- | ML | 2.3 | 6341147 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.68 | 310.9 | Lg | 17:45:26.586 | 0.0 | | | | | T__ | | | | --- | | 6341143 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.72 | 347.3 | Pg | 17:45:18.242 | -0.2 | | | | | T__ | | 208.8 | | --- | ML | 2.2 | 6341144 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.82 | 11.5 | Pg | 17:45:20.936 | 0.6 | | | | | T__ | | 210.2 | | --- | ML | 2.3 | 6341150 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 0.98 | 51.3 | Pg | 17:45:24.202 | 1.0 | | | | | T__ | | 164.2 | | --- | ML | 2.3 | 6341145 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLY | 1.14 | 211.8 | Lg | 17:45:39.832 | -0.4 | | | | | T__ | | | | --- | | 6341148 | FDSN | MN | -- | BUD | iLoc | HHE | ??? | _ | |
| BEHE | 1.15 | 311.3 | Pn | 17:45:25.059 | -0.8 | | | | | T__ | | 146.7 | | --- | ML | 2.3 | 6341146 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 1.15 | 311.3 | Lg | 17:45:42.216 | 0.5 | | | | | T__ | | | | --- | | 6341149 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/11 | 09:45:19.10 | 1.72 | 1.09 | 47.3648 | 18.3588 | 10.9 | 4.9 | 115 | 0.0f | | 10 | 8 | 108 | 0.07 | 1.18 | sx | BUD | 17000642 | BUD | | | 176 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 3 BUD | 17000642 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.07 | 268.6 | Pg | 09:45:21.502 | 0.4 | | | | | T__ | | 1711.8 | | --- | ML | 1.7 | 6342956 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.07 | 268.6 | Lg | 09:45:22.806 | -0.4 | | | | | T__ | | | | --- | | 6342957 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.07 | 292.5 | Pg | 09:45:22.179 | 0.9 | | | | | T__ | | 1425.2 | | --- | ML | 1.7 | 6342962 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MSW2 | 0.12 | 238.2 | Pg | 09:45:22.715 | 0.6 | T__ | 269.9 | ___ | ML | 1.1 | 6342963 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.12 | 238.2 | Lg | 09:45:23.997 | -0.9 | T__ | | --- | | | 6342964 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.16 | 276.7 | Lg | 09:45:25.465 | -0.8 | T__ | | --- | | | 6342965 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU09A | 0.27 | 3.3 | Lg | 09:45:28.952 | -1.3 | T__ | | --- | | | 6342958 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.17 | 170.2 | Sn | 09:45:57.822 | -1.2 | T__ | | --- | | | 6342959 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| VVHS | 1.17 | 15.7 | Sn | 09:45:58.716 | -1.4 | T__ | | --- | | | 6342961 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| PSZ | 1.18 | 61.4 | Sn | 09:45:59.536 | -0.6 | T__ | | --- | | | 6342960 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/11 | 10:25:57.64 | 1.18 | 0.22 | 47.3163 | 18.2298 | 11.7 | 2.6 | 125 | 0.0f | 6 | 4 | 198 | 0.02 | 0.10 | | sx | BUD | 17000644 | BUD | | | 289 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.02 | 222.6 | Pg | 10:25:58.631 | 0.1 | | | | | T__ | | 383.5 | | ___ | ML | 0.9 | 6343143 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.02 | 222.6 | Lg | 10:25:59.421 | -0.3 | | | | | T__ | | | | --- | | 6343142 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.05 | 24.0 | Pg | 10:25:59.446 | 0.1 | | | | | T__ | | 168.8 | | ___ | ML | 0.7 | 6343144 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.05 | 24.0 | Lg | 10:26:01.027 | -0.2 | | | | | T__ | | | | --- | | 6343145 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 14.5 | Lg | 10:26:02.097 | -0.1 | | | | | T__ | | | | --- | | 6343146 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MSW3 | 0.10 | 313.5 | Lg | 10:26:02.607 | -0.1 | | | | | T__ | | | | --- | | 6343147 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|--------|----------|--------|-----|-----|--|-----|
| 2021/03/11 | 10:48:27.78 | 1.25 | 1.00 | 48.2016 | 21.2433 | 7.8 | 4.6 | 154 | 2.2 | 11.2 | 19 | 10 | 156 | 0.09 | 1.51 | | ke | BUD | 17000646 | BUD | | | | 208 |
| 2021/03/11 | 10:48:27.79 | 0.86 | 1.06 | 48.2470 | 21.2460f | | | | 0.0f | | 19 | 10 | 151 | 0.05 | 1.49 | | kx | BUD_GT | 17000647 | BUD_GT | | | | 204 |
| (locality : Táallya Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID
ML 2.1 0.2 8 BUD_GT 17000647

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 10:48:29.869 | 0.5 | | | | | T__ | | 34623.6 | | ___ | ML | 3.0 | 6343185 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 10:48:31.227 | 0.3 | | | | | T__ | | | | --- | | 6343197 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 10:48:38.156 | -0.2 | | | | | T__ | | 121.6 | | ___ | ML | 1.8 | 6343199 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 10:48:45.085 | -1.4 | | | | | T__ | | | | --- | | 6343198 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 10:48:38.735 | 0.2 | | | | | T__ | | 139.3 | | ___ | ML | 1.9 | 6343186 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 10:48:46.036 | -0.7 | | | | | T__ | | | | --- | | 6343187 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 10:48:39.852 | 0.8 | | | | | T__ | | 216.9 | | ___ | ML | 2.1 | 6343188 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |

| | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|-------|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| KECS | 0.56 | 295.3 | Lg | 10:48:47.899 | 0.3 | T__ | | | | | 6343189 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Pg | 10:48:44.695 | -0.1 | T__ | | 178.0 | | ML | 2.2 | 6343190 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 10:48:56.931 | -2.3 | T__ | | | | | | 6343200 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 10:48:47.377 | -0.2 | T__ | | 105.7 | | ML | 2.1 | 6343193 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 10:49:01.177 | -1.4 | T__ | | | | | | 6343201 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 10:48:47.526 | -0.2 | T__ | | | | | | 6343191 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KOLS | 0.97 | 44.4 | Lg | 10:49:00.564 | -1.5 | T__ | | | | | | 6343192 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ |
| ET1H | 0.99 | 248.7 | Pn | 10:48:48.122 | 0.3 | T__ | | 66.3 | | ML | 1.9 | 6343194 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 10:49:01.624 | -1.5 | T__ | | | | | | 6343202 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.33 | 332.3 | Pg | 10:48:54.604 | 1.7 | T__ | | 118.0 | | ML | 2.3 | 6343196 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.33 | 332.3 | Sn | 10:49:14.049 | 1.3 | T__ | | | | | | 6343195 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| LANS | 1.49 | 308.2 | Sn | 10:49:16.898 | 0.5 | T__ | | | | | | 6343203 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|--------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/03/12 | 09:24:59.94 | 0.98 | 1.20 | 47.8317 | 19.1947 | 7.5 | 3.4 | 172 | 0.0f | | 13 | 8 | 161 | 0.12 | 1.12 | kx | BUD | 17000648 | BUD | | | 192 |
| 2021/03/12 | 09:24:59.77 | 0.91 | 1.61 | 47.8355 | 19.1270f | | | | 0.0f | | 13 | 8 | 159 | 0.07 | 1.15 | kx | BUD_GT | 17000649 | BUD_GT | | | 192 |
| (locality : Sejce-Vác Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.9 | 0.2 | 5 BUD_GT | 17000649 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 09:25:02.869 | 1.1 | | | | | T__ | | 4362.9 | | | ML | 2.1 | 6344715 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 09:25:05.104 | 1.5 | | | | | T__ | | | | | | 6344714 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.50 | 84.8 | Lg | 09:25:17.439 | -1.0 | | | | | T__ | | | | | | 6344722 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| PSZ | 0.52 | 80.6 | Lg | 09:25:16.136 | -3.4 | | | | | T__ | | | | | | 6344723 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| VYHS | 0.69 | 343.6 | Pn | 09:25:15.162 | -0.7 | | | | | T__ | | 20.8 | | | ML | 1.2 | 6344716 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.69 | 343.6 | Lg | 09:25:23.879 | -0.2 | | | | | T__ | | | | | | 6344717 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.91 | 244.0 | Sn | 09:25:33.639 | -0.1 | | | | | T__ | | | | | | 6344719 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 0.98 | 72.5 | Pg | 09:25:20.606 | 0.6 | | | | | T__ | | 48.7 | | | ML | 1.7 | 6344724 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 72.5 | Lg | 09:25:32.894 | -2.7 | | | | | T__ | | | | | | 6344718 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.12 | 54.0 | Pg | 09:25:22.165 | 0.2 | | | | | T__ | | 79.2 | | | ML | 2.0 | 6344720 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 1.12 | 54.0 | Sn | 09:25:37.146 | -1.7 | | | | | T__ | | | | | | 6344725 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

JOS 1.15 54.5 Pg 09:25:22.910 0.3 T__ 55.3 ___ ML 1.9 6344721 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.15 54.5 Sn 09:25:37.742 -1.9 T__ ___ 6344726 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/12 09:53:29.97 0.98 1.60 46.9072 17.3062 5.2 4.6 158 0.0f 10 7 92 0.12 1.15 kx BUD 17000650 BUD 146
2021/03/12 09:53:30.66 0.94 2.02 46.9790 17.3040f 0.0f 10 7 106 0.11 1.20 kx BUD_GT 17000651 BUD_GT 144
(locality : Sümeg Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.6 3 BUD_GT 17000651

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
A261A 0.11 255.8 Pg 09:53:32.571 -1.0 T__ 12407.0 ___ ML 2.7 6344775 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.11 255.8 Lg 09:53:35.216 -0.7 T__ ___ 6344776 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
MPLH 0.25 40.0 Pg 09:53:37.935 1.6 T__ 348.5 ___ ML 1.5 6344778 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.25 40.0 Lg 09:53:41.362 0.5 T__ ___ 6344777 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
EGYH 0.44 2.5 Lg 09:53:49.185 2.1 T__ ___ 6344779 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.62 42.8 Lg 09:53:52.463 -1.1 T__ ___ 6344780 FDSN ZJ 00 BUD iLoc HHN ??? _
KOGS 0.90 234.2 Lg 09:54:00.956 0.9 T__ ___ 6344781 FDSN SL -- BUD iLoc BHN ??? _
KOVH 1.05 148.1 Pn 09:53:49.855 -1.6 T__ 71.5 ___ ML 1.9 6344783 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.05 148.1 Lg 09:54:02.819 -3.6 T__ ___ 6344782 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 1.20 129.1 Sn 09:54:07.736 -3.2 T__ ___ 6344784 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/12 11:00:11.02 2.40 0.39 48.5081 20.3281 17.5 5.2 146 1.0f 7 5 248 0.11 0.70 ke BUD 17000652 BUD 257

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
KECS 0.11 103.3 Pg 11:00:13.576 0.2 T__ 305.6 ___ ML 1.1 6344862 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.11 103.3 Lg 11:00:14.801 -0.4 T__ ___ 6344861 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.14 94.9 Pg 11:00:14.153 0.2 T__ 143.6 ___ ML 0.8 6344863 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.14 94.9 Lg 11:00:15.993 -0.3 T__ ___ 6344860 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
HU02A 0.41 161.1 Lg 11:00:26.354 0.2 T__ ___ 6344864 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.66 206.3 Lg 11:00:34.437 -0.4 T__ ___ 6344865 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.70 206.1 Lg 11:00:35.704 -0.2 T__ ___ 6344866 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/03/15 10:03:21.36  1.33  1.09 48.5141 20.7626 11.2  3.6  12  0.0f      16  10 197  0.15  1.28  sx BUD      17000662  BUD                    214
    
```

```

Magnitude Err Nsta Author      OrigID
ML      1.4 0.2    6 BUD      17000662
    
```

```

Sta  Dist EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
JOS  0.15 263.0 Pg      10:03:24.545 -0.0  T__          T__          206.9  ___ ML  1.0 6359861  FDSN ZJ  -- BUD iLoc HHZ HHZ _
JOS  0.15 263.0 Lg      10:03:27.196  0.0  T__          T__          ___          6359864  FDSN ZJ  -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
KECS 0.19 260.6 Pg      10:03:25.253 -0.1  T__          T__          724.8  ___ ML  1.7 6359854  FDSN SK  -- BUD iLoc EHZ EHZ _
KECS 0.19 260.6 Lg      10:03:28.382 -0.1  T__          T__          ___          6359855  FDSN SK  -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ABAH 0.39 124.3 Pg      10:03:29.649  0.3  T__          T__          73.7   ___ ML  1.2 6359857  FDSN HU  -- BUD iLoc HHZ HHZ _
ABAH 0.39 124.3 Lg      10:03:35.460 -0.6  T__          T__          ___          6359856  FDSN HU  -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.42 202.1 Lg      10:03:37.179 -0.2  T__          T__          ___          6359865  FDSN ZJ  00 BUD iLoc HHN ??? _
PSZ  0.83 224.6 Pn      10:03:39.557  0.2  T__          T__          43.6   ___ ML  1.6 6359858  FDSN GE  -- BUD iLoc HHZ HHZ _
PSZ  0.83 224.6 Lg      10:03:52.005  0.5  T__          T__          ___          6359866  FDSN GE  -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.87 223.5 Pn      10:03:39.930  0.2  T__          T__          33.4   ___ ML  1.5 6359859  FDSN HU  -- BUD iLoc HHZ HHZ _
ET1H 0.87 223.5 Lg      10:03:52.750  0.3  T__          T__          ___          6359867  FDSN HU  -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.99 232.3 Sn      10:03:57.475  0.4  T__          T__          ___          6359862  FDSN ZJ  00 BUD iLoc HHE ??? _
HU05A 1.00 165.2 Lg      10:03:54.576 -2.0  T__          T__          ___          6359868  FDSN ZJ  00 BUD iLoc HHE ??? _
TRPA 1.25 107.3 Sn      10:04:01.200 -2.6  T__          T__          ___          6359863  FDSN HU  -- BUD iLoc HHE ??? _
VYHS 1.28 269.8 Pn      10:03:46.337  0.7  T__          T__          14.3   ___ ML  1.4 6359860  FDSN SK  -- BUD iLoc HHZ HHZ _
VYHS 1.28 269.8 Sn      10:04:03.218 -1.7  T__          T__          ___          6359869  FDSN SK  -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
    
```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/03/15 11:15:41.35  0.86  0.77 48.2547 19.8638  3.7  3.1 120  0.0f      18  10  82  0.34  1.20  sx BUD      17000664  BUD                    136
    
```

```

Magnitude Err Nsta Author      OrigID
ML      1.8 0.1    8 BUD      17000664
    
```

```

Sta  Dist EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
PSZ  0.34 176.5 Pg      11:15:48.562 -0.4  T__          T__          357.8  ___ ML  1.8 6359914  FDSN GE  -- BUD iLoc HHZ HHZ _
PSZ  0.34 176.5 Lg      11:15:54.076 -0.6  T__          T__          ___          6359915  FDSN GE  -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 0.38 179.2 Pg      11:15:49.605  0.1  T__          T__          234.0  ___ ML  1.7 6359917  FDSN HU  -- BUD iLoc HHZ HHZ _
ET1H 0.38 179.2 Lg      11:15:55.342 -0.2  T__          T__          ___          6359916  FDSN HU  -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
    
```

(Station ML: 1.7 magdef=1
 HU03A 0.39 206.9 Pg 11:15:50.350 0.6 T__ 266.4 --- ML 1.8 6359918 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU03A 0.39 206.9 Lg 11:15:56.609 0.6 T__ --- 6359919 FDSN ZJ 00 BUD iLoc HHN ??? _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 HU02A 0.46 106.4 Pg 11:15:51.245 0.1 T__ 114.6 --- ML 1.6 6359922 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU02A 0.46 106.4 Lg 11:15:58.471 -0.3 T__ --- 6359921 FDSN ZJ 00 BUD iLoc HHN ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 KECS 0.47 60.9 Lg 11:15:57.950 -0.3 T__ --- 6359920 FDSN SK -- BUD iLoc EHN ??? _
 JOS 0.51 61.6 Pg 11:15:52.660 1.0 T__ 103.4 --- ML 1.7 6359923 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 0.51 61.6 Lg 11:15:59.067 -0.4 T__ --- 6359924 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1
 VYHS 0.73 289.7 Pg 11:15:56.832 0.7 T__ 22.0 --- ML 1.2 6359926 FDSN SK -- BUD iLoc HHZ HHZ _
 VYHS 0.73 289.7 Lg 11:16:05.326 -1.5 T__ --- 6359925 FDSN SK -- BUD iLoc HHN ??? _
 (Reading ML: 1.2 magdef=1
 (Station ML: 1.2 magdef=0
 ABAH 0.92 86.9 Pg 11:16:00.185 0.6 T__ 68.9 --- ML 1.8 6359929 FDSN HU -- BUD iLoc HHZ HHZ _
 ABAH 0.92 86.9 Lg 11:16:13.074 -0.9 T__ --- 6359928 FDSN HU -- BUD iLoc HHE ??? _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 LANS 0.93 343.8 Lg 11:16:11.286 -1.2 T__ --- 6359927 FDSN SK -- BUD iLoc EHE ??? _
 NIE 1.20 13.7 Pg 11:16:04.655 0.6 T__ 50.2 --- ML 1.9 6359930 FDSN PL -- BUD iLoc BHZ BHZ _
 NIE 1.20 13.7 Lg 11:16:20.822 -0.7 T__ --- 6359931 FDSN PL -- BUD iLoc BHE ??? _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=0

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/16 | 09:42:17.15 | 0.87 | 0.93 | 48.4790 | 19.1013 | 4.9 | 3.1 | 12 | 0.0f | | 16 | 11 | 126 | 0.18 | 1.23 | sx | BUD | 17000666 | BUD | | | 135 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 5 BUD | 17000666 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.18 | 275.0 | Pg | 09:42:21.253 | 0.3 | | | | | T__ | | 66.1 | | --- | ML | 0.6 | 6362484 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.18 | 275.0 | Lg | 09:42:23.786 | -0.2 | | | | | T__ | | | | --- | | 6362483 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| LANS | 0.71 | 19.7 | Pg | 09:42:30.938 | -0.4 | | | | | T__ | | 38.4 | | --- | ML | 1.5 | 6362485 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| LANS | 0.71 | 19.7 | Lg | 09:42:40.773 | -0.2 | | | | | T__ | | | | --- | | 6362486 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.77 | 136.3 | Lg | 09:42:44.274 | -1.0 | | | | | T__ | | | | --- | | 6362487 | FDSN | GE | -- | BUD | iLoc | HHZ | ??? | _ | |
| ET1H | 0.79 | 139.1 | Lg | 09:42:45.541 | 0.1 | | | | | T__ | | | | --- | | 6362488 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| A331A | 0.89 | 319.4 | Pg | 09:42:35.411 | 0.8 | | | | | T__ | | 74.5 | | --- | ML | 1.9 | 6362495 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A331A | 0.89 | 319.4 | Lg | 09:42:46.363 | -0.5 | | | | | T__ | | | | --- | | 6362496 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.92 | 89.2 | Lg | 09:42:48.968 | -0.2 | | | | | T__ | | | | --- | | 6362489 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| JOS | 0.96 | 88.5 | Pg | 09:42:37.271 | 1.2 | | | | | T__ | | 38.4 | | --- | ML | 1.6 | 6362491 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.96 | 88.5 | Lg | 09:42:49.788 | -0.6 | | | | | T__ | | | | --- | | 6362490 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |


```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 1.02 110.1 Pn 09:42:37.644 -0.1 T__ 39.0 ___ ML 1.7 6362492 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.02 110.1 Lg 09:42:52.248 -0.9 T__ ___ 6362498 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JAVC 1.02 292.4 Lg 09:42:52.472 -1.0 T__ ___ 6362497 FDSN CZ -- BUD iLoc HHN ??? _
MODS 1.22 265.7 Sn 09:42:57.163 -2.3 T__ ___ 6362493 FDSN SK -- BUD iLoc HHN ??? _
NIE 1.23 39.6 Lg 09:42:58.579 0.6 T__ ___ 6362494 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/16 11:08:23.38 0.91 0.59 46.8676 17.2735 5.2 4.0 39 0.0f 22 16 115 0.12 1.43 sx BUD 17000668 BUD 144

```

```

Magnitude Err Nsta Author OrigID
ML 2.2 0.2 6 BUD 17000668

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A261A 0.12 314.7 Pg 11:08:25.832 -0.6 T__ 23284.8 ___ ML 3.0 6362686 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.12 314.7 Lg 11:08:28.701 -0.3 T__ ___ 6362685 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
A263A 0.23 172.8 Lg 11:08:33.022 0.6 T__ ___ 6362687 FDSN Z3 00 BUD iLoc HHN ??? _
MPLH 0.35 30.9 Pg 11:08:30.562 -0.5 T__ 654.5 ___ ML 2.1 6362667 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.35 30.9 Lg 11:08:36.821 -0.1 T__ ___ 6362668 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
EGYH 0.55 4.1 Lg 11:08:44.197 0.7 T__ ___ 6362669 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.72 38.0 Lg 11:08:49.784 0.1 T__ ___ 6362671 FDSN ZJ 00 BUD iLoc HHE ??? _
A266A 0.76 116.3 Lg 11:08:50.380 0.2 T__ ___ 6362670 FDSN Z3 00 BUD iLoc HHE ??? _
A267A 0.83 84.1 Pn 11:08:41.589 0.4 T__ 388.1 ___ ML 2.6 6362672 FDSN Z3 00 BUD iLoc HHZ HHZ _
A267A 0.83 84.1 Lg 11:08:53.807 0.3 T__ ___ 6362673 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
CSKK 0.84 53.3 Pn 11:08:42.185 0.8 T__ 272.0 ___ ML 2.4 6362675 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.84 53.3 Lg 11:08:54.254 0.1 T__ ___ 6362674 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
SOP 0.95 329.4 Lg 11:08:56.713 1.4 T__ ___ 6362678 FDSN HU -- BUD iLoc HHN ??? _
KOVH 0.97 143.5 Pn 11:08:42.930 -0.1 T__ 112.5 ___ ML 2.1 6362676 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.97 143.5 Lg 11:08:56.415 -0.2 T__ ___ 6362677 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
RONA 1.07 321.7 Lg 11:08:59.395 0.6 T__ ___ 6362679 FDSN OE -- BUD iLoc HHN ??? _
A271A 1.11 74.4 Sn 11:09:01.109 -0.7 T__ ___ 6362681 FDSN Z3 00 BUD iLoc HHN ??? _
MORH 1.15 124.1 Pg 11:08:46.506 0.2 T__ 38.5 ___ ML 1.7 6362680 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.15 124.1 Sn 11:09:02.376 -0.0 T__ ___ 6362688 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
SRO 1.18 36.4 Sn 11:09:04.536 0.8 T__ ___ 6362683 FDSN SK -- BUD iLoc EHN ??? _
ARSA 1.26 288.4 Sn 11:09:04.759 -0.0 T__ ___ 6362682 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.43 318.4 Lg 11:09:10.794 0.7 T__ ___ 6362684 FDSN OE -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/03/16 | 11:35:30.62 | 2.19 | 1.50 | 48.3133 | 21.2874 | 13.8 | 8.2 | 106 | 0.0f | 12 | 7 | 115 | 0.04 | 1.04 | kx | BUD | 17000670 | BUD | | | | 225 |
| 2021/03/16 | 11:35:30.50 | 0.93 | 0.37 | 48.2470 | 21.2460f | | | | 0.0f | 12 | 7 | 108 | 0.05 | 0.99 | kx | BUD_GT | 17000671 | BUD_GT | | | | 204 |

(locality : Tállya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.8 | 0.2 | 4 BUD_GT | 17000671 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 11:35:32.235 | 0.2 | | | | | T__ | | 11156.1 | | ___ | ML | 2.5 | 6362723 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 11:35:33.316 | -0.4 | | | | | T__ | | | | --- | | 6362724 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 11:35:41.586 | 0.4 | | | | | T__ | | 77.2 | | ___ | ML | 1.7 | 6362726 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 11:35:49.334 | -0.1 | | | | | T__ | | | | --- | | 6362725 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Lg | 11:35:50.153 | -0.2 | | | | | T__ | | | | --- | | 6362727 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| PSZ | 0.96 | 250.6 | Pn | 11:35:50.079 | -0.2 | | | | | T__ | | 71.1 | | --- | ML | 1.9 | 6362732 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 11:36:04.682 | -0.6 | | | | | T__ | | | | --- | | 6362731 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 11:35:49.930 | -0.5 | | | | | T__ | | | | --- | | 6362728 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.97 | 44.4 | Lg | 11:36:05.054 | 0.3 | | | | | T__ | | | | --- | | 6362729 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| LTVH | 0.97 | 152.7 | Sn | 11:36:06.023 | 0.2 | | | | | T__ | | | | --- | | 6362730 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.99 | 248.7 | Pn | 11:35:50.451 | -0.1 | | | | | T__ | | 35.7 | | --- | ML | 1.6 | 6362733 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 11:36:05.129 | -0.7 | | | | | T__ | | | | --- | | 6362734 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/03/17 | 08:47:52.62 | 1.82 | 0.65 | 48.0491 | 20.6768 | 12.4 | 5.1 | 4 | 0.0f | 8 | 4 | 249 | 0.13 | 0.46 | kx | BUD | 17000672 | BUD | | | | 317 |
| 2021/03/17 | 08:47:53.01 | 0.96 | 0.43 | 48.0750 | 20.6990f | | | | 0.0f | 8 | 4 | 233 | 0.13 | 0.43 | kx | BUD_GT | 17000673 | BUD_GT | | | | 306 |

(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.5 | 0.2 | 4 BUD_GT | 17000673 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.13 | 292.1 | Pg | 08:47:55.802 | -0.4 | | | | | T__ | | 563.0 | | ___ | ML | 1.4 | 6372274 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.13 | 292.1 | Lg | 08:47:58.559 | -0.4 | | | | | T__ | | | | --- | | 6372275 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.42 | 58.4 | Pg | 08:48:02.210 | 0.4 | | | | | T__ | | 75.6 | | ___ | ML | 1.4 | 6372277 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.42 | 58.4 | Lg | 08:48:08.692 | -0.5 | | | | | T__ | | | | --- | | 6372276 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.43 | 340.8 | Pg | 08:48:02.284 | 0.5 | | | | | T__ | | 210.8 | | ___ | ML | 1.8 | 6372273 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |

```

KECS  0.43 340.8 Lg      08:48:08.543 -0.0          T__          ---          6372272    FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
JOS   0.43 345.9 Pg      08:48:02.359  0.5          T__          121.5        --- ML      1.6 6372270  FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.43 345.9 Lg      08:48:08.394 -0.2          T__          ---          6372271    FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/03/17 09:07:08.87  2.43  0.33  48.0013  20.4433  24.2  7.3 141  0.0f      5  3 233  0.13  0.50  kx BUD      17000674  BUD          343
2021/03/17 09:07:08.91  1.03  3.50  48.0750  20.6990f  0.0f      5  3 268  0.13  0.56  kx BUD_GT   17000675  BUD_GT       322
(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU02A  0.13 292.1 Pg      09:07:12.283  0.2          T__          83.6          --- ML      0.6 6372299  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A  0.13 292.1 Lg      09:07:14.667 -0.2          T__          ---          6372300  FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  0.6 magdef=1
(Station ML:  0.6 magdef=1
JOS   0.43 345.9 Pg      09:07:19.137  1.4          T__          38.0          --- ML      1.1 6372302  FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.43 345.9 Lg      09:07:26.662  2.1          T__          ---          6372301  FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=1
PSZ   0.56 254.1 Lg      09:07:23.477 -6.5          T__          ---          6372303  FDSN GE      -- BUD  iLoc  HHN ??? _

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/03/17 09:38:40.59  1.44  1.14  47.5677  18.5256  11.2  4.0 102  0.0f      7  5 208  0.12  1.16  sx BUD      17000676  BUD          293

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.5 3 BUD 17000676

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU09A  0.12 306.3 Pg      09:38:44.173  0.6          T__          1178.9        --- ML      1.7 6372326  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU09A  0.12 306.3 Lg      09:38:45.700 -0.6          T__          ---          6372327  FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
CSKK  0.27 221.4 Pg      09:38:47.015  0.5          T__          136.4          --- ML      1.2 6372324  FDSN HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.27 221.4 Lg      09:38:50.591 -1.1          T__          ---          6372325  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=1
A338A  0.46 345.5 Pg      09:38:50.133 -0.1          T__          292.1          --- ML      2.1 6372328  FDSN Z3      00 BUD  iLoc  HHZ HHZ _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=1
VYHS  0.95 12.6 Lg      09:39:13.899  0.1          T__          ---          6372329  FDSN SK      -- BUD  iLoc  HHE ??? _
MODS  1.16 314.3 Sn      09:39:19.596 -1.7          T__          ---          6372330  FDSN SK      -- BUD  iLoc  HHN ??? _

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2021/03/17 11:28:02.58 1.57 0.56 47.9130 20.1359 18.7 3.5 154 0.0f 8 5 208 0.16 0.64 kx BUD 17000678 BUD 234
 2021/03/17 11:28:02.02 0.96 0.70 47.8650 20.1529f 0.0f 8 5 230 0.18 0.68 kx BUD_GT 17000679 BUD_GT 252
 (locality : Kismána Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.4 0.0 4 BUD_GT 17000679

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 11:28:07.029 | 0.5 | | | | | T__ | | 435.9 | | --- | ML | 1.4 6372382 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 11:28:09.600 | -0.5 | | | | | T__ | | | | --- | | 6372383 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 11:28:07.061 | 0.6 | | | | | T__ | | 384.6 | | --- | ML | 1.4 6372381 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 11:28:09.711 | -0.3 | | | | | T__ | | | | --- | | 6372384 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 11:28:10.201 | 0.3 | | | | | T__ | | 81.6 | | --- | ML | 1.2 6372385 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.0 | Lg | 11:28:14.970 | -1.0 | | | | | T__ | | | | --- | | 6372386 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.66 | 19.7 | Lg | 11:28:24.208 | -1.1 | | | | | T__ | | | | --- | | 6372387 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ |
| JOS | 0.68 | 22.1 | Pg | 11:28:15.938 | 0.2 | | | | | T__ | | 32.8 | | --- | ML | 1.4 6372388 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/17 | 12:55:13.07 | 2.34 | 1.12 | 47.7937 | 19.8786 | 14.8 | 5.2 | 164 | 0.0f | | 9 | 7 | 222 | 0.09 | 0.99 | sx | BUD | 17000680 | BUD | | | 247 |

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 3 BUD 17000680

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| ET1H | 0.09 | 356.7 | Pg | 12:55:16.273 | 0.8 | | | | | T__ | | 999.7 | | --- | ML | 1.5 6372416 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.13 | 4.9 | Pg | 12:55:17.154 | 0.7 | | | | | T__ | | 512.7 | | --- | ML | 1.4 6372417 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.13 | 4.9 | Lg | 12:55:18.154 | -1.1 | | | | | T__ | | | | --- | | 6372418 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.22 | 300.5 | Lg | 12:55:20.278 | -1.5 | | | | | T__ | | | | --- | | 6372415 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ |
| HU02A | 0.54 | 52.6 | Lg | 12:55:32.049 | -1.4 | | | | | T__ | | | | --- | | 6372419 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU10A | 0.58 | 275.4 | Lg | 12:55:34.284 | -0.5 | | | | | T__ | | | | --- | | 6372420 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| JOS | 0.83 | 32.0 | Pn | 12:55:30.559 | -0.3 | | | | | T__ | | 42.2 | | --- | ML | 1.6 6372422 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.83 | 32.0 | Lg | 12:55:41.735 | -0.5 | | | | | T__ | | | | --- | | 6372421 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.99 | 315.5 | Lg | 12:55:47.471 | -0.1 | | | | | T__ | | | | --- | | 6372423 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

2021/03/18 09:48:31.69 1.02 0.08 46.1531 18.2975 10.5 3.7 157 0.0f 5 3 169 0.15 0.37 kx BUD 17000682 BUD 281
 2021/03/18 09:48:31.72 1.01 0.43 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 17000683 BUD_GT 275
 (locality : Komló Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|
| KOVH | 0.16 | 236.7 | Pg | 09:48:35.438 | -0.1 | | | | | T__ | | 391.0 | | --- | ML | 1.3 6379341 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 0.16 | 236.7 | Lg | 09:48:38.269 | -0.4 | | | | | T__ | | | | --- | | 6379342 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 09:48:37.226 | 0.0 | | | | | T__ | | 158.9 | | --- | ML | 1.2 6379344 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 0.25 | 80.9 | Lg | 09:48:41.697 | 0.1 | | | | | T__ | | | | --- | | 6379343 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Lg | 09:48:45.864 | 0.7 | | | | | T__ | | | | --- | | 6379345 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/18 | 09:49:49.93 | 1.05 | 0.23 | 47.8702 | 16.0565 | 14.8 | 4.0 | 36 | 0.0f | | 6 | 3 | 157 | 0.14 | 1.21 | sx | BUD | 17000684 | BUD | | | 283 |

Magnitude Err Nsta Author OrigID
 ML 1.0 0.4 3 BUD 17000684

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|
| CONA | 0.14 | 294.0 | Pg | 09:49:53.029 | 0.0 | | | | | T__ | | 207.9 | | --- | ML | 1.0 6379365 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CONA | 0.14 | 294.0 | Lg | 09:49:55.227 | -0.0 | | | | | T__ | | | | --- | | 6379366 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.24 | 136.4 | Pg | 09:49:54.855 | -0.0 | | | | | T__ | | 63.0 | | --- | ML | 0.8 6379368 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.24 | 136.4 | Lg | 09:49:58.468 | 0.1 | | | | | T__ | | | | --- | | 6379367 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.21 | 10.6 | Pg | 09:50:13.220 | 0.0 | | | | | T__ | | 37.5 | | --- | ML | 1.7 6379369 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KRUC | 1.21 | 10.6 | Sn | 09:50:30.355 | -0.4 | | | | | T__ | | | | --- | | 6379370 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/03/18 | 10:02:57.69 | 1.34 | 0.72 | 48.2177 | 21.2501 | 8.6 | 4.3 | 131 | 0.0f | | 14 | 9 | 155 | 0.08 | 1.36 | kx | BUD | 17000686 | BUD | | | 207 |
| 2021/03/18 | 10:02:57.99 | 0.91 | 0.72 | 48.2470 | 21.2460f | | | | 0.0f | | 14 | 9 | 151 | 0.05 | 1.33 | kx | BUD_GT | 17000687 | BUD_GT | | | 204 |

(locality : Tállya Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.7 0.0 5 BUD_GT 17000687

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 10:03:00.310 | 0.7 | | | | | T__ | | 9456.5 | | --- | ML | 2.4 6379403 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 10:03:00.906 | -0.3 | | | | | T__ | | | | --- | | 6379402 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

```

(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
HU02A 0.50 255.8 Pg 10:03:08.505 -0.1 T__ 79.5 ___ ML 1.6 6379404 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 10:03:15.807 -0.9 T__ ___ 6379405 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
JOS 0.53 298.1 Pg 10:03:09.325 0.6 T__ 78.6 ___ ML 1.7 6379406 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 10:03:16.701 -0.2 T__ ___ 6379407 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.56 295.3 Lg 10:03:17.855 0.0 T__ ___ 6379408 FDSN SK -- BUD iLoc EHE ??? _
TRPA 0.87 97.2 Pn 10:03:15.881 -0.5 T__ 151.4 ___ ML 2.2 6379410 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.87 97.2 Lg 10:03:28.398 -1.1 T__ ___ 6379409 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PSZ 0.96 250.6 Lg 10:03:31.452 -1.3 T__ ___ 6379411 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 44.4 Lg 10:03:31.676 -0.6 T__ ___ 6379412 FDSN SK -- BUD iLoc HHN ??? _
ET1H 0.99 248.7 Pg 10:03:18.638 -0.1 T__ 44.7 ___ ML 1.7 6379414 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.99 248.7 Lg 10:03:32.048 -1.2 T__ ___ 6379413 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 1.33 332.3 Lg 10:03:42.181 -0.4 T__ ___ 6379415 FDSN PL -- BUD iLoc BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/19 08:56:04.81 2.35 0.66 48.8245 21.1252 29.3 7.7 156 2.0f 6 4 209 0.51 0.81 ke BUD 17000690 BUD 338

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.51 230.0 Pg 08:56:15.000 0.1 T__ 57.0 ___ ML 1.5 6382765 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.51 230.0 Lg 08:56:22.752 0.2 T__ ___ 6382770 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.54 231.4 Lg 08:56:23.526 -0.3 T__ ___ 6382768 FDSN SK -- BUD iLoc EHE ??? _
KOLS 0.77 81.4 Lg 08:56:31.274 -0.2 T__ ___ 6382769 FDSN SK -- BUD iLoc HHE ??? _
HU02A 0.81 209.8 Pg 08:56:21.854 0.5 T__ 33.7 ___ ML 1.5 6382766 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.81 209.8 Lg 08:56:32.796 -0.9 T__ ___ 6382767 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/19 09:20:23.60 1.37 0.63 47.8943 20.0805 12.5 3.1 159 0.0f 14 8 201 0.13 1.03 sx BUD 17000692 BUD 211

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 17000692

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.13 281.0 Pg 09:20:27.168 0.2 T__ 1392.2 _c_ ML 1.8 6382807 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.13 281.0 Lg 09:20:29.495 -0.3 T__ ___ 6382808 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1

```

```

(Station ML: 1.8 magdef=1
ET1H 0.14 263.9 Pg 09:20:27.317 0.2 T__ 661.3 --- ML 1.5 6382805 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.14 263.9 Lg 09:20:29.849 -0.0 T__ --- 6382806 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.32 271.9 Lg 09:20:36.107 0.2 T__ --- 6382809 FDSN ZJ 00 BUD iLoc HHE ??? _
HU02A 0.38 52.5 Pg 09:20:31.451 -0.3 T__ 133.5 --- ML 1.5 6382811 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.38 52.5 Lg 09:20:37.746 -0.4 T__ --- 6382810 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.65 24.6 Pg 09:20:37.599 0.9 T__ 92.8 --- ML 1.8 6382802 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.65 24.6 Lg 09:20:47.061 0.5 T__ --- 6382803 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
JOS 0.68 26.9 Pg 09:20:37.450 0.3 T__ 58.6 --- ML 1.6 6382801 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 26.9 Lg 09:20:47.767 0.3 T__ --- 6382812 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.87 62.2 Lg 09:20:54.884 -0.2 T__ --- 6382804 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.03 306.2 Pn 09:20:44.340 0.0 T__ 18.5 --- ML 1.3 6382814 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.03 306.2 Lg 09:20:57.750 -1.6 T__ --- 6382813 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/19 09:35:14.86 1.12 0.46 47.3467 18.2541 7.2 2.5 114 0.0f 8 4 198 0.02 0.09 sx BUD 17000694 BUD 277

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.3 4 BUD 17000694

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.02 14.9 Pg 09:35:16.070 0.4 T__ 3311.0 --- ML 1.9 6382846 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.02 14.9 Lg 09:35:16.682 -0.0 T__ --- 6382845 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW1 0.05 4.1 Pg 09:35:16.478 0.0 T__ 1293.0 --- ML 1.5 6382847 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.05 4.1 Lg 09:35:17.548 -0.7 T__ --- 6382848 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW2 0.05 213.5 Pg 09:35:16.784 0.2 T__ 702.9 --- ML 1.3 6382850 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.05 213.5 Lg 09:35:17.905 -0.6 T__ --- 6382849 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MSW3 0.09 292.7 Pg 09:35:17.599 0.2 T__ 352.0 --- ML 1.1 6382851 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.09 292.7 Lg 09:35:19.740 -0.1 T__ --- 6382852 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/19 12:33:44.55 1.12 0.95 48.4095 17.3300 9.0 4.1 118 0.0f 11 6 197 0.05 1.09 sx BUD 17000696 BUD 252

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 5 BUD 17000696

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.05 | 224.4 | Pg | 12:33:46.005 | -0.2 | | | | | T__ | | | | | | 6382954 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.05 | 224.4 | Lg | 12:33:47.253 | -0.7 | | | | | T__ | | | | | | 6382955 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.50 | 26.5 | Pg | 12:33:54.871 | -0.3 | | | | | T__ | | 91.9 | | --- | ML | 1.7 | 6382956 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.50 | 26.5 | Lg | 12:34:03.538 | 0.2 | | | | | T__ | | | | | | 6382949 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.90 | 316.9 | Pg | 12:34:02.210 | 0.4 | | | | | T__ | | 38.5 | | --- | ML | 1.6 | 6382957 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.90 | 316.9 | Lg | 12:34:13.819 | -1.3 | | | | | T__ | | | | | | 6382950 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.99 | 224.7 | Pg | 12:34:04.668 | 0.4 | | | | | T__ | | 50.6 | | --- | ML | 1.8 | 6382958 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.99 | 224.7 | Lg | 12:34:18.066 | 0.9 | | | | | T__ | | | | | | 6382951 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.02 | 331.9 | Pg | 12:34:04.668 | 0.8 | | | | | T__ | | 11.2 | | --- | ML | 1.1 | 6382959 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.09 | 244.4 | Pg | 12:34:04.730 | -1.4 | | | | | T__ | | 39.4 | | --- | ML | 1.7 | 6382952 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.09 | 244.4 | Lg | 12:34:21.493 | 1.2 | | | | | T__ | | | | | | 6382953 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|----------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|
| 2021/03/20 | 10:00:36.94 | 1.10 | 0.20 | 46.1218 | 18.3050 | 12.1 | 3.8 | 160 | 0.0f | | 5 | 3 | 188 | 0.15 | 0.40 | kx | BUD | 17000698 | BUD | | | 287 | |
| 2021/03/20 | 10:00:37.08 | 1.01 | 0.90 | 46.1765 | 18.2926f | | | | 0.0f | | 5 | 3 | 155 | 0.16 | 0.35 | kx | BUD_GT | 17000699 | BUD_GT | | | 275 | |
| (locality : Komló Hungary) | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 10:00:40.579 | -0.4 | | | | | T__ | | 441.1 | | --- | ML | 1.4 | 6390525 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 10:00:43.410 | -0.6 | | | | | T__ | | | | | | 6390526 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 10:00:42.665 | 0.1 | | | | | T__ | | 141.9 | | --- | ML | 1.1 | 6390528 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 10:00:46.837 | -0.2 | | | | | T__ | | | | | | 6390527 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Lg | 10:00:52.127 | 1.6 | | | | | T__ | | | | | | 6390529 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/22 | 01:20:20.56 | 1.01 | 0.32 | 47.6403 | 20.3209 | 5.1 | 3.0 | 14 | 2.0f | | 6 | 3 | 144 | 0.02 | 0.05 | ke | BUD | 17000700 | BUD | | | 268 |

Magnitude Err Nsta Author OrigID

ML 1.2 0.1 3 BUD 17000700

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TENKA | 0.02 | 52.6 | Pg | 01:20:21.572 | 0.2 | | | | | T__ | | 666.7 | | --- | ML | 1.2 | 6394133 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TENKA | 0.02 | 52.6 | Lg | 01:20:21.999 | -0.2 | | | | | T__ | | | | --- | | 6394134 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATANC | 0.04 | 144.1 | Pg | 01:20:21.801 | 0.2 | | | | | T__ | | 695.8 | | --- | ML | 1.2 | 6394135 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ATANC | 0.04 | 144.1 | Lg | 01:20:22.325 | -0.3 | | | | | T__ | | | | --- | | 6394136 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.05 | 268.5 | Pg | 01:20:22.108 | 0.2 | | | | | T__ | | 309.5 | | --- | ML | 0.9 | 6394137 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU23A | 0.05 | 268.5 | Lg | 01:20:22.829 | -0.3 | | | | | T__ | | | | --- | | 6394138 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/22 | 08:56:36.08 | 1.19 | 0.89 | 48.4675 | 20.7562 | 9.3 | 4.1 | 21 | 0.0f | | 9 | 6 | 196 | 0.15 | 0.84 | sx | BUD | 17000702 | BUD | | | 282 |

Magnitude Err Nsta Author OrigID
 ML 1.3 0.2 4 BUD 17000702

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.15 | 281.2 | Pg | 08:56:39.061 | -0.2 | | | | | T__ | | 285.2 | | --- | ML | 1.2 | 6395033 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.15 | 281.2 | Lg | 08:56:41.903 | 0.1 | | | | | T__ | | | | --- | | 6395035 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.18 | 275.1 | Pg | 08:56:39.731 | -0.2 | | | | | T__ | | 409.9 | | --- | ML | 1.4 | 6395034 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.18 | 275.1 | Lg | 08:56:43.654 | 0.7 | | | | | T__ | | | | --- | | 6395036 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 117.8 | Pg | 08:56:43.598 | -0.1 | | | | | T__ | | 68.0 | | --- | ML | 1.1 | 6395039 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.38 | 204.2 | Lg | 08:56:50.546 | -0.0 | | | | | T__ | | | | --- | | 6395040 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.80 | 226.7 | Pn | 08:56:53.153 | -0.4 | | | | | T__ | | 54.0 | | --- | ML | 1.7 | 6395037 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.80 | 226.7 | Lg | 08:57:03.770 | -1.2 | | | | | T__ | | | | --- | | 6395038 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.84 | 225.5 | Lg | 08:57:07.458 | 1.6 | | | | | T__ | | | | --- | | 6395041 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/03/22 | 09:33:13.76 | 1.53 | 1.86 | 47.5917 | 18.5016 | 12.6 | 3.8 | 4 | 0.0f | | 11 | 6 | 228 | 0.09 | 1.14 | kx | BUD | 17000704 | BUD | | | 241 |
| 2021/03/22 | 09:33:13.16 | 0.90 | 1.81 | 47.5600 | 18.4573f | | | | 0.0f | | 11 | 6 | 245 | 0.09 | 1.14 | kx | BUD_GT | 17000705 | BUD_GT | | | 256 |

(locality : Tatabánya Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.9 0.0 5 BUD_GT 17000705

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 09:33:16.487 | 0.9 | | | | | T__ | | 2110.5 | | --- | ML | 1.9 | 6395171 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 09:33:18.126 | 0.2 | | | | | T__ | | | | --- | | 6395172 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SR0 | 0.27 | 339.1 | Pg | 09:33:20.138 | 1.1 | | | | | T__ | | 4745.4 | | --- | ML | 2.7 | 6395174 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SR0 | 0.27 | 339.1 | Lg | 09:33:23.640 | -0.4 | | | | | T__ | | | | --- | | 6395173 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.47 | 52.8 | Pg | 09:33:24.310 | 1.1 | | | | | T__ | | 195.4 | | --- | ML | 1.9 | 6395181 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.47 | 52.8 | Lg | 09:33:27.812 | -3.3 | | | | | T__ | | | | --- | | 6395175 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.01 | 71.0 | Pn | 09:33:33.549 | 0.1 | | | | | T__ | | 44.8 | | --- | ML | 1.7 | 6395177 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.01 | 71.0 | Lg | 09:33:47.481 | -1.7 | | | | | T__ | | | | --- | | 6395176 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.03 | 69.2 | Pn | 09:33:34.294 | 0.3 | | | | | T__ | | 60.1 | | --- | ML | 1.9 | 6395179 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.03 | 69.2 | Lg | 09:33:48.747 | -1.8 | | | | | T__ | | | | --- | | 6395178 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.14 | 316.2 | Sn | 09:33:49.716 | -3.5 | | | | | T__ | | | | --- | | 6395180 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/22 | 09:55:13.39 | 1.06 | 1.04 | 48.1247 | 21.3360 | 8.0 | 4.4 | 176 | 0.0f | | 14 | 8 | 167 | 0.18 | 1.02 | sx | BUD | 17000706 | BUD | | | 219 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 5 BUD | 17000706 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.18 | 339.4 | Lg | 09:55:20.041 | -1.2 | | | | | T__ | | | | --- | | 6395218 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.54 | 270.0 | Pg | 09:55:25.331 | 0.5 | | | | | T__ | | 63.1 | | --- | ML | 1.6 | 6395220 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.54 | 270.0 | Lg | 09:55:33.079 | -0.6 | | | | | T__ | | | | --- | | 6395219 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.65 | 305.2 | Pg | 09:55:26.821 | 0.4 | | | | | T__ | | 60.8 | | --- | ML | 1.6 | 6395222 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.65 | 305.2 | Lg | 09:55:35.463 | -0.8 | | | | | T__ | | | | --- | | 6395221 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.67 | 302.6 | Lg | 09:55:36.879 | -0.2 | | | | | T__ | | | | --- | | 6395223 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| TRPA | 0.81 | 89.2 | Pg | 09:55:29.354 | 0.2 | | | | | T__ | | 68.5 | | --- | ML | 1.8 | 6395225 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.81 | 89.2 | Lg | 09:55:40.827 | -2.0 | | | | | T__ | | | | --- | | 6395224 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.99 | 258.5 | Pn | 09:55:33.750 | 0.2 | | | | | T__ | | 50.6 | | --- | ML | 1.8 | 6395229 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.99 | 258.5 | Lg | 09:55:47.831 | -1.2 | | | | | T__ | | | | --- | | 6395228 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.01 | 256.5 | Pn | 09:55:34.346 | 0.7 | | | | | T__ | | 42.1 | | --- | ML | 1.7 | 6395230 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.01 | 256.5 | Lg | 09:55:48.948 | -0.5 | | | | | T__ | | | | --- | | 6395231 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|----|--------------|------|-----|--|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| KOLS | 1.02 | 37.2 | Pg | 09:55:33.973 | 1.1 | T__ | | | | | | | | 6395226 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KOLS | 1.02 | 37.2 | Lg | 09:55:48.129 | -1.3 | T__ | | | | | | | | 6395227 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/22 | 11:00:54.79 | 0.91 | 0.84 | 48.1732 | 19.8200 | 4.1 | 3.8 | 92 | 0.0f | | 13 | 8 | 123 | 0.26 | 1.29 | sx | BUD | 17000708 | BUD | | | 200 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 5 BUD | 17000708 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.26 | 168.9 | Pg | 11:01:01.331 | 0.5 | | | | | T__ | | 377.3 | | | ML | 1.6 | 6395266 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.26 | 168.9 | Lg | 11:01:05.726 | 0.3 | | | | | T__ | | | | | | 6395267 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.30 | 173.3 | Pg | 11:01:01.554 | 0.2 | | | | | T__ | | 188.2 | | | ML | 1.4 | 6395268 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.30 | 173.3 | Lg | 11:01:05.875 | -0.4 | | | | | T__ | | | | | | 6395269 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.47 | 95.9 | Pg | 11:01:05.147 | 0.2 | | | | | T__ | | 67.3 | | | ML | 1.4 | 6395271 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.47 | 95.9 | Lg | 11:01:11.514 | -1.2 | | | | | T__ | | | | | | 6395270 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.54 | 54.8 | Lg | 11:01:13.864 | -0.2 | | | | | T__ | | | | | | 6395272 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.58 | 55.8 | Pg | 11:01:07.382 | 1.0 | | | | | T__ | | 62.7 | | | ML | 1.6 | 6395273 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.58 | 55.8 | Lg | 11:01:14.609 | -0.7 | | | | | T__ | | | | | | 6395274 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.73 | 296.4 | Pg | 11:01:09.840 | 0.2 | | | | | T__ | | 11.4 | | | ML | 1.0 | 6395276 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.73 | 296.4 | Lg | 11:01:19.526 | -0.9 | | | | | T__ | | | | | | 6395275 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.96 | 82.1 | Lg | 11:01:27.125 | -1.6 | | | | | T__ | | | | | | 6395277 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 1.29 | 14.1 | Lg | 11:01:38.301 | 0.5 | | | | | T__ | | | | | | 6395278 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/03/22 | 11:12:09.71 | 1.36 | 0.99 | 47.2382 | 18.2823 | 10.7 | 6.3 | 80 | 0.0f | | 7 | 5 | 172 | 0.08 | 1.05 | sx | BUD | 17000710 | BUD | | | | | 328 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.08 | 322.8 | Pg | 11:12:12.605 | 0.6 | | | | | T__ | | 561.9 | | | ML | 1.3 | 6395335 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.08 | 322.8 | Lg | 11:12:13.548 | -0.7 | | | | | T__ | | | | | | 6395334 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 353.2 | Pg | 11:12:13.472 | 0.6 | | | | | T__ | | 250.6 | | | ML | 1.0 | 6395336 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 353.2 | Lg | 11:12:15.205 | -0.7 | | | | | T__ | | | | | | 6395337 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.16 | 354.2 | Lg | 11:12:16.021 | -0.9 | | | | | T__ | | | | | | 6395338 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MSW3 | 0.18 | 323.8 | Lg | 11:12:16.887 | -0.7 | | | | | T__ | | | | | | 6395339 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

MORH 1.05 166.2 Lg 11:12:45.052 -1.0 T__ --- 6395340 FDSN HU -- BUD iLoc HHE ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/22 14:53:39.51 1.09 0.93 48.9304 21.2944 7.8 4.3 156 0.0f 12 7 142 0.64 1.42 sx BUD 17000712 BUD 236

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 4 BUD 17000712

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.64 183.3 Pg 14:53:53.344 1.1 T__ 75.3 --- ML 1.7 6395416 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.64 183.3 Lg 14:54:02.508 -0.3 T__ --- 6395413 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOLS 0.65 89.4 Pg 14:53:51.705 -0.2 T__ --- 6395417 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.65 89.4 Lg 14:54:02.731 0.3 T__ --- 6395415 FDSN SK -- BUD iLoc HHN ??? _
JOS 0.66 229.3 Pg 14:53:52.971 0.3 T__ 56.5 --- ML 1.6 6395418 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.66 229.3 Lg 14:54:01.837 -0.8 T__ --- 6395409 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.70 230.4 Pg 14:53:53.940 0.5 T__ 112.1 --- ML 1.9 6395411 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.70 230.4 Lg 14:54:02.582 -1.2 T__ --- 6395410 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 0.82 307.2 Lg 14:54:07.276 0.7 T__ --- 6395414 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.96 212.6 Pg 14:53:58.708 -0.4 T__ 39.2 --- ML 1.6 6395419 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.96 212.6 Lg 14:54:11.672 -1.6 T__ --- 6395412 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 1.42 222.6 Sn 14:54:25.455 -0.5 T__ --- 6395420 FDSN HU -- BUD iLoc HHE ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/23 10:26:02.18 1.08 0.89 47.3785 18.3791 5.6 3.5 105 0.0f 19 15 107 0.08 1.30 sx BUD 17000714 BUD 109

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 4 BUD 17000714

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.08 259.2 Pg 10:26:04.763 0.3 T__ 3177.7 --- ML 2.0 6396849 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.08 259.2 Lg 10:26:05.880 -0.9 T__ --- 6396850 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MSW1 0.08 280.1 Pg 10:26:05.095 0.6 T__ 2581.2 --- ML 1.9 6396863 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 280.1 Lg 10:26:06.318 -0.5 T__ --- 6396864 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW2 0.14 236.4 Pg 10:26:06.459 0.9 T__ 449.0 --- ML 1.3 6396866 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.14 236.4 Lg 10:26:08.247 -0.4 T__ --- 6396865 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MSW3 0.17 271.6 Lg 10:26:09.564 -0.2 T__ --- 6396867 FDSN HU -- BUD iLoc HHN ??? _

| | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|---------|------|---------|------|-----|------|-----|------|-----|-----|---|
| HU09A | 0.26 | 0.5 | Lg | 10:26:12.437 | -0.4 | T__ | --- | 6396851 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| HU08A | 0.31 | 279.9 | Lg | 10:26:13.778 | -0.8 | T__ | --- | 6396852 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| A267A | 0.44 | 170.7 | Lg | 10:26:17.875 | -0.8 | T__ | --- | 6396853 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | |
| MPLH | 0.61 | 250.3 | Lg | 10:26:23.761 | -0.2 | T__ | --- | 6396854 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |
| A265A | 1.03 | 203.0 | Lg | 10:26:36.129 | -0.9 | T__ | --- | 6396855 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | |
| ET1H | 1.13 | 63.1 | Pn | 10:26:24.879 | 0.8 | T__ | 43.5 | ML | 1.8 | 6396856 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.13 | 63.1 | Sn | 10:26:40.777 | -0.7 | T__ | --- | 6396861 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| VVHS | 1.16 | 15.2 | Lg | 10:26:41.716 | -0.8 | T__ | --- | 6396859 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| PSZ | 1.16 | 61.6 | Sn | 10:26:41.269 | -1.5 | T__ | --- | 6396857 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| MORH | 1.18 | 171.0 | Sn | 10:26:40.673 | -1.7 | T__ | --- | 6396858 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| MODS | 1.24 | 323.7 | Sn | 10:26:44.577 | -0.2 | T__ | --- | 6396862 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | |
| KOVH | 1.30 | 188.6 | Sn | 10:26:44.622 | -0.9 | T__ | --- | 6396860 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/03/23 | 11:00:26.91 | 1.12 | 1.04 | 48.0917 | 16.9875 | 12.8 | 3.8 | 131 | 0.0f | 8 | 5 | 195 | 0.34 | 1.30 | sx | BUD | 17000716 | BUD | | | 251 | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.34 | 34.4 | Pg | 11:00:34.500 | 0.2 | | | | | T__ | | | | | | 6396894 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.34 | 34.4 | Lg | 11:00:39.640 | -0.6 | | | | | T__ | | | | | | 6396893 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.61 | 230.1 | Pg | 11:00:39.417 | 0.3 | | | | | T__ | 45.2 | | | | ML | 1.5 | 6396895 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.61 | 230.1 | Lg | 11:00:47.463 | 0.2 | | | | | T__ | | | | | | 6396896 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.77 | 258.2 | Lg | 11:00:51.486 | -0.9 | | | | | T__ | | | | | | 6396897 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| KRUC | 1.05 | 338.2 | Lg | 11:01:03.109 | 0.6 | | | | | T__ | | | | | | 6396898 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| ARSA | 1.30 | 230.2 | Pg | 11:00:51.039 | -1.6 | | | | | T__ | 58.8 | | | | ML | 2.0 | 6396899 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 1.30 | 230.2 | Lg | 11:01:09.367 | 1.1 | | | | | T__ | | | | | | 6396900 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|--|
| 2021/03/23 | 11:01:57.86 | 2.15 | 0.60 | 47.8709 | 20.1368 | 21.9 | 3.7 | 159 | 0.0f | 9 | 5 | 226 | 0.17 | 0.68 | kx | BUD | 17000718 | BUD | | | 249 | | |
| 2021/03/23 | 11:01:57.69 | 0.94 | 0.58 | 47.8650 | 20.1529f | | | | 0.0f | 9 | 5 | 230 | 0.18 | 0.68 | kx | BUD_GT | 17000719 | BUD_GT | | | 252 | | |

(locality : Kiszána Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 4 BUD_GT 17000719

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 11:02:02.433 | 0.3 | | | | | T__ | | 449.0 | | | ML | 1.5 | 6396924 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 11:02:05.339 | -0.5 | | | | | T__ | | | | | | 6396925 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 11:02:02.402 | 0.2 | | | | | T__ | 409.2 | | | | ML | 1.4 | 6396929 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 11:02:04.892 | -0.8 | | | | | T__ | | | | | | 6396926 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.36 44.0 Pg 11:02:06.084 0.6 T__ 98.1 ___ ML 1.3 6396928 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 11:02:10.927 -0.8 T__ ___ 6396927 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU03A 0.37 276.2 Lg 11:02:11.044 -0.8 T__ ___ 6396930 FDSN ZJ 00 BUD iLoc HHE ??? _
JOS 0.68 22.1 Pg 11:02:11.864 0.5 T__ ___ ML 1.6 6396931 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 11:02:21.996 0.2 T__ ___ 6396932 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/23 14:23:44.97 1.04 0.99 45.5859 16.0765 7.4 4.7 50 0.0f 20 12 162 0.25 1.90 ke BUD 17000720 BUD 224

```

```

Magnitude Err Nsta Author OrigID
ML 2.5 0.2 8 BUD 17000720

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ZAG 0.25 345.5 Pg 14:23:50.488 0.3 T__ 3731.3 ___ ML 2.6 6397868 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.25 345.5 Lg 14:23:54.660 0.6 T__ ___ 6397869 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
PTJ 0.33 346.7 Pg 14:23:51.531 -0.5 T__ 544.6 _d_ ML 2.0 6397870 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.33 346.7 Lg 14:23:55.927 -1.5 T__ ___ 6397871 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
CRES 0.50 299.2 Pg 14:23:54.809 0.2 T__ 340.7 ___ ML 2.2 6397872 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.50 299.2 Lg 14:24:02.175 0.2 T__ ___ 6397883 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KOGS 0.87 7.9 Pg 14:24:02.818 0.5 T__ 438.9 ___ ML 2.6 6397874 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.87 7.9 Lg 14:24:15.707 1.7 T__ ___ 6397873 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
BEHE 1.01 28.6 Pg 14:24:05.202 0.3 T__ 973.9 ___ ML 3.0 6397876 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 1.01 28.6 Lg 14:24:19.581 0.4 T__ ___ 6397875 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
A264A 1.02 55.5 Lg 14:24:18.613 -0.9 T__ ___ 6397877 FDSN Z3 00 BUD iLoc HHE ??? _
BLY 1.15 136.5 Pg 14:24:06.618 -0.4 T__ 295.5 ___ ML 2.6 6397879 FDSN MN -- BUD iLoc HHZ HHZ _
BLY 1.15 136.5 Lg 14:24:22.040 0.3 T__ ___ 6397878 FDSN MN -- BUD iLoc HHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A273A 1.26 74.2 Sn 14:24:25.765 -1.1 T__ ___ 6397880 FDSN Z3 00 BUD iLoc HHE ??? _
OBKA 1.41 311.5 Pg 14:24:11.163 -0.3 T__ 135.7 ___ ML 2.4 6397882 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.41 311.5 Lg 14:24:29.267 -1.2 T__ ___ 6397881 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KOVH 1.50 69.7 Sn 14:24:32.126 -0.6 T__ ___ 6397884 FDSN HU -- BUD iLoc HHE ??? _
ARSA 1.71 347.3 Lg 14:24:39.203 -0.3 T__ ___ 6397885 FDSN OE -- BUD iLoc HHE ??? _
MORH 1.90 69.7 Pn 14:24:19.385 1.6 T__ 54.1 ___ ML 2.3 6397887 FDSN HU -- BUD iLoc HHZ HHZ _

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MORH 1.90 69.7 Sn 14:24:44.195 1.8 T__ --- 6397886 FDSN HU -- BUD iLoc HHE ??? _
 (Reading ML: 2.3 magdef=1
 (Station ML: 2.3 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/03/24 | 08:45:16.74 | 1.15 | 1.00 | 48.0745 | 20.6720 | 6.7 | 3.9 | 161 | 0.0f | 10 | 5 | 194 | 0.11 | 0.55 | kx | BUD | 17000724 | BUD | | | | 265 |
| 2021/03/24 | 08:45:16.62 | 0.93 | 0.87 | 48.0750 | 20.6990f | | | | 0.0f | 10 | 5 | 195 | 0.13 | 0.56 | kx | BUD_GT | 17000725 | BUD_GT | | | | 268 |

(locality : Miskolc-Mexikóvölgy Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.0 5 BUD_GT 17000725

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| HU02A | 0.13 | 292.1 | Pg | 08:45:19.525 | -0.3 | | | | | T__ | | 802.3 | | --- | ML | 1.6 | 6399510 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.13 | 292.1 | Lg | 08:45:21.127 | -1.4 | | | | | T__ | | | | --- | | 6399511 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.42 | 58.4 | Pg | 08:45:26.349 | 1.0 | | | | | T__ | | 107.0 | | --- | ML | 1.5 | 6399508 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ABAH | 0.42 | 58.4 | Lg | 08:45:31.483 | -1.3 | | | | | T__ | | | | --- | | 6399512 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.43 | 340.8 | Pg | 08:45:26.200 | 0.8 | | | | | T__ | | 55.0 | | --- | ML | 1.2 | 6399507 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 0.43 | 340.8 | Lg | 08:45:32.601 | 0.4 | | | | | T__ | | | | --- | | 6399513 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.43 | 345.9 | Pg | 08:45:25.753 | 0.3 | | | | | T__ | | 101.1 | | --- | ML | 1.5 | 6399505 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.43 | 345.9 | Lg | 08:45:32.011 | -0.2 | | | | | T__ | | | | --- | | 6399506 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.56 | 254.1 | Pg | 08:45:29.403 | 0.6 | | | | | T__ | | 109.5 | | --- | ML | 1.9 | 6399509 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 0.56 | 254.1 | Lg | 08:45:36.773 | -0.9 | | | | | T__ | | | | --- | | 6399514 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/24 | 09:32:05.39 | 1.88 | 0.37 | 48.5599 | 20.7810 | 10.3 | 5.8 | 20 | 0.0 | 4.0 | 11 | 7 | 150 | 0.17 | 0.92 | sx | BUD | 17000726 | BUD | | | 241 |

Magnitude Err Nsta Author OrigID
 ML 1.4 0.6 4 BUD 17000726

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| JOS | 0.17 | 248.3 | Pg | 09:32:09.243 | 0.2 | | | | | T__ | | 365.4 | | --- | ML | 1.3 | 6399551 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.17 | 248.3 | Lg | 09:32:12.218 | 0.3 | | | | | T__ | | | | --- | | 6399550 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 248.7 | Pg | 09:32:09.759 | -0.1 | | | | | T__ | | 35.5 | | --- | ML | 0.4 | 6399549 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 0.21 | 248.7 | Lg | 09:32:12.963 | -0.3 | | | | | T__ | | | | --- | | 6399548 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| ABAH | 0.40 | 130.7 | Lg | 09:32:20.711 | -0.0 | T__ | | | | | | | | 6399547 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| HU02A | 0.47 | 201.4 | Pg | 09:32:15.278 | -0.1 | T__ | 65.9 | | | | | | | --- | ML | 1.4 | 6399552 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.47 | 201.4 | Lg | 09:32:23.394 | 0.4 | T__ | | | | | | | | --- | | 6399546 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.87 | 223.0 | Lg | 09:32:36.251 | -0.7 | T__ | | | | | | | | --- | | 6399555 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 0.91 | 222.1 | Lg | 09:32:37.890 | 0.0 | T__ | | | | | | | | --- | | 6399556 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.92 | 339.9 | Pn | 09:32:25.001 | 0.3 | T__ | 149.1 | | | | | | | --- | ML | 2.2 | 6399553 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.92 | 339.9 | Lg | 09:32:35.580 | -0.1 | T__ | | | | | | | | --- | | 6399554 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/03/24 | 10:30:44.60 | 0.82 | 0.63 | 48.8414 | 20.4369 | 4.9 | 3.1 | 71 | 0.0f | | 22 | 12 | 93 | 0.35 | 1.57 | sx | BUD | 17000728 | BUD | | | 125 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 2.2 | 0.1 | 11 BUD | 17000728 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.35 | 168.8 | Pg | 10:30:51.981 | 0.3 | | | | | T__ | | 348.0 | | _c_ | ML | 1.8 | 6399625 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.35 | 168.8 | Lg | 10:30:57.417 | 0.2 | | | | | T__ | | | | --- | | 6399604 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.36 | 174.8 | Pg | 10:30:52.052 | 0.2 | | | | | T__ | 971.7 | | | --- | ML | 2.3 | 6399606 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.36 | 174.8 | Lg | 10:30:57.715 | 0.3 | | | | | T__ | | | | --- | | 6399605 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.58 | 351.2 | Pg | 10:30:55.778 | 0.1 | | | | | T__ | 206.6 | | | --- | ML | 2.1 | 6399607 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.58 | 351.2 | Lg | 10:31:03.079 | -1.0 | | | | | T__ | | | | --- | | 6399608 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LANS | 0.71 | 296.2 | Pg | 10:30:58.758 | 0.1 | | | | | T__ | 154.6 | | | --- | ML | 2.1 | 6399610 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| LANS | 0.71 | 296.2 | Lg | 10:31:09.039 | 0.8 | | | | | T__ | | | | --- | | 6399609 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.72 | 175.3 | Pg | 10:30:59.428 | -0.1 | | | | | T__ | 176.1 | | | --- | ML | 2.1 | 6399611 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.76 | 135.4 | Pg | 10:30:59.726 | -0.0 | | | | | T__ | 206.9 | | | --- | ML | 2.2 | 6399612 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.99 | 201.6 | Pn | 10:31:04.942 | -0.0 | | | | | T__ | 142.5 | | | --- | ML | 2.2 | 6399613 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.99 | 201.6 | Lg | 10:31:19.246 | -0.9 | | | | | T__ | | | | --- | | 6399614 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.03 | 201.6 | Pn | 10:31:05.836 | 0.5 | | | | | T__ | 136.7 | | | --- | ML | 2.2 | 6399616 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.03 | 201.6 | Lg | 10:31:20.438 | -0.7 | | | | | T__ | | | | --- | | 6399615 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.12 | 252.5 | Pn | 10:31:07.251 | 0.6 | | | | | T__ | 41.1 | | | --- | ML | 1.7 | 6399617 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.12 | 252.5 | Lg | 10:31:22.003 | -1.1 | | | | | T__ | | | | --- | | 6399618 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |


```

(Station ML: 1.7 magdef=0
KOLS 1.22 85.0 Pg 10:31:07.698 0.1 T__ --- 6399619 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.22 85.0 Lg 10:31:24.312 -1.3 T__ --- 6399620 FDSN SK -- BUD iLoc HHE ??? _
OJC 1.44 343.5 Pn 10:31:12.019 0.5 T__ 173.4 --- ML 2.5 6399622 FDSN PL -- BUD iLoc BHZ BHZ _
OJC 1.44 343.5 Lg 10:31:31.763 0.5 T__ --- 6399621 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
TRPA 1.57 116.2 Pn 10:31:13.658 0.9 T__ 111.8 --- ML 2.4 6399623 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.57 116.2 Sn 10:31:34.892 -0.1 T__ --- 6399624 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/24 11:46:14.48 3.25 1.15 48.9079 21.1660 26.1 6.2 91 0.0f 7 4 256 0.59 0.89 sx BUD 17000730 BUD 341

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.3 3 BUD 17000730

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.59 225.4 Pg 11:46:27.044 0.9 T__ 61.2 --- ML 1.6 6399714 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.59 225.4 Lg 11:46:34.718 -0.2 T__ --- 6399715 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.62 226.9 Pg 11:46:26.970 0.1 T__ 96.6 --- ML 1.8 6399717 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.62 226.9 Lg 11:46:35.314 -0.8 T__ --- 6399716 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.76 312.3 Pg 11:46:28.950 0.0 T__ 150.9 --- ML 2.1 6399718 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.76 312.3 Lg 11:46:40.008 0.2 T__ --- 6399719 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU02A 0.89 208.7 Lg 11:46:44.627 -1.9 T__ --- 6399720 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/25 09:16:59.89 2.79 0.44 46.1286 18.0184 20.1 7.9 90 0.0f 5 3 257 0.07 0.44 kx BUD 17000732 BUD 313
2021/03/25 09:16:59.98 1.02 0.39 46.1204 18.0243f 0.0f 5 3 260 0.06 0.44 kx BUD_GT 17000733 BUD_GT 316

```

```

(locality : Bükkösd Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.06 121.4 Pg 09:17:02.104 0.2 T__ 1662.2 _c ML 1.7 6400213 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.06 121.4 Lg 09:17:03.594 -0.2 T__ --- 6400214 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A266A 0.44 22.3 Lg 09:17:15.626 -0.7 T__ --- 6400215 FDSN Z3 00 BUD iLoc HHE ??? _
MORH 0.44 77.4 Pg 09:17:09.442 0.2 T__ 35.9 --- ML 1.1 6400217 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.44 77.4 Lg 09:17:16.148 -0.2 T__ --- 6400216 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1

```

(Station ML: 1.1 magdef=1)

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/25 | 09:27:38.51 | 2.49 | 1.22 | 47.3627 | 18.3249 | 14.5 | 5.1 | 91 | 0.0f | | 10 | 6 | 117 | 0.04 | 1.20 | sx | BUD | 17000734 | BUD | | | 225 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.4 | 4 BUD | 17000734 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.04 | 270.6 | Pg | 09:27:39.892 | -0.2 | | | | | T__ | | 997.3 | | --- | ML | 1.4 | 6400243 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.04 | 270.6 | Lg | 09:27:41.422 | -0.4 | | | | | T__ | | | | --- | | 6400242 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.05 | 304.0 | Pg | 09:27:40.523 | 0.3 | | | | | T__ | | 547.0 | | --- | ML | 1.2 | 6400246 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.05 | 304.0 | Lg | 09:27:41.798 | -0.4 | | | | | T__ | | | | --- | | 6400247 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.10 | 232.1 | Pg | 09:27:41.492 | 0.4 | | | | | T__ | | 134.2 | | --- | ML | 0.7 | 6400249 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.10 | 232.1 | Lg | 09:27:42.970 | -0.7 | | | | | T__ | | | | --- | | 6400248 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.14 | 278.7 | Pg | 09:27:42.594 | 0.8 | | | | | T__ | | 176.0 | | --- | ML | 0.9 | 6400244 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.14 | 278.7 | Lg | 09:27:44.704 | -0.2 | | | | | T__ | | | | --- | | 6400250 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.17 | 169.1 | Sn | 09:28:17.360 | -1.1 | | | | | T__ | | | | --- | | 6400245 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.20 | 61.8 | Sn | 09:28:17.278 | -2.8 | | | | | T__ | | | | --- | | 6400251 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/03/26 | 08:28:44.34 | 1.06 | 0.63 | 47.4369 | 18.7363 | 7.8 | 3.6 | 154 | 0.0f | | 12 | 9 | 173 | 0.20 | 1.06 | kx | BUD | 17000736 | BUD | | | 191 |
| 2021/03/26 | 08:28:44.68 | 0.92 | 0.78 | 47.4680 | 18.6970f | | | | 0.0f | | 12 | 9 | 157 | 0.22 | 1.03 | kx | BUD_GT | 17000737 | BUD_GT | | | 183 |

(locality : Etyek Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.5 | 0.0 | 3 BUD_GT | 17000737 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BUD | 0.22 | 85.9 | Lg | 08:28:52.775 | -1.3 | | | | | T__ | | | | --- | | 6402278 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.27 | 308.8 | Lg | 08:28:56.612 | 0.9 | | | | | T__ | | | | --- | | 6402280 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.31 | 256.0 | Pg | 08:28:51.437 | 0.1 | | | | | T__ | | 199.8 | | --- | ML | 1.5 | 6402282 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.31 | 256.0 | Lg | 08:28:56.252 | -0.7 | | | | | T__ | | | | --- | | 6402283 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.31 | 250.7 | Pg | 08:28:51.918 | 0.5 | | | | | T__ | | 194.2 | | --- | ML | 1.5 | 6402279 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.31 | 250.7 | Lg | 08:28:56.769 | -0.5 | | | | | T__ | | | | --- | | 6402276 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.37 | 243.5 | Pg | 08:28:52.996 | 0.5 | | | | | T__ | | 70.9 | | --- | ML | 1.2 | 6402285 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.37 | 243.5 | Lg | 08:28:58.819 | -0.3 | | | | | T__ | | | | --- | | 6402284 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MSW3 0.40 257.8 Lg 08:29:00.332 0.4 T__ --- 6402286 FDSN HU -- BUD iLoc HHN ??? _
HU10A 0.44 29.8 Lg 08:29:01.389 0.0 T__ --- 6402275 FDSN ZJ 00 BUD iLoc HHE ??? _
PSZ 0.93 60.4 Lg 08:29:16.885 -1.5 T__ --- 6402277 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.03 5.1 Sn 08:29:21.458 -0.7 T__ --- 6402281 FDSN SK -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/27 03:55:49.34 1.01 0.38 47.6332 20.3256 6.2 3.1 26 3.0f 6 3 135 0.03 0.05 ke BUD 17000738 BUD 254

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.3 3 BUD 17000738

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
TENKA 0.03 35.7 Pg 03:55:50.544 0.2 T__ 2561.2 _d ML 1.8 6405629 FDSN HU -- BUD iLoc HHZ HHZ _
TENKA 0.03 35.7 Lg 03:55:50.933 -0.3 T__ --- 6405630 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ATANC 0.03 140.9 Pg 03:55:50.563 0.2 T__ 4251.9 _c ML 2.0 6405632 FDSN HU -- BUD iLoc HHZ HHZ _
ATANC 0.03 140.9 Lg 03:55:50.895 -0.4 T__ --- 6405631 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU23A 0.05 276.4 Pg 03:55:51.022 0.2 T__ 144.3 ___ ML 0.6 6405633 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.05 276.4 Lg 03:55:51.840 -0.3 T__ --- 6405634 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/27 09:10:37.18 1.02 0.60 46.1527 18.2950 10.5 3.7 157 0.0f 5 3 169 0.15 0.37 kx BUD 17000740 BUD 281
2021/03/27 09:10:37.20 1.01 0.55 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 17000741 BUD_GT 275
(locality : Komló Hungary)
(GT info : GT2 explosion)

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```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 09:10:41.035 -0.0 T__ 641.9 ___ ML 1.6 6407757 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 09:10:43.506 -0.6 T__ --- 6407761 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 0.25 80.9 Pg 09:10:43.047 0.3 T__ 309.7 ___ ML 1.5 6407760 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 09:10:46.548 -0.6 T__ --- 6407759 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A266A 0.35 356.8 Lg 09:10:51.168 0.6 T__ --- 6407758 FDSN Z3 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/27 11:41:53.33 1.45 0.68 48.4891 20.7621 8.8 5.0 86 0.0f 8 4 221 0.15 0.98 sx BUD 17000742 BUD 290

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.3 4 BUD 17000742

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| JOS | 0.15 | 272.7 | Pg | 11:41:56.307 | -0.2 | | | | | T__ | | 228.9 | | ___ | ML | 1.1 6407784 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.15 | 272.7 | Lg | 11:41:59.362 | 0.3 | | | | | T__ | | | | --- | | 6407785 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.18 | 268.3 | Pg | 11:41:56.680 | -0.6 | | | | | T__ | | 479.4 | | ___ | ML | 1.5 6407786 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.18 | 268.3 | Lg | 11:42:01.187 | 0.9 | | | | | T__ | | | | --- | | 6407791 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.40 | 203.4 | Pg | 11:42:01.579 | -0.3 | | | | | T__ | | 42.0 | | ___ | ML | 1.0 6407788 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.40 | 203.4 | Lg | 11:42:09.197 | 0.7 | | | | | T__ | | | | --- | | 6407787 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.98 | 342.0 | Pg | 11:42:12.159 | 0.3 | | | | | T__ | | 69.2 | | ___ | ML | 1.9 6407789 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.98 | 342.0 | Lg | 11:42:25.048 | -0.7 | | | | | T__ | | | | --- | | 6407790 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/29 | 07:19:50.28 | 0.97 | 0.99 | 47.1046 | 17.9794 | 10.9 | 3.5 | 104 | 0.0f | | 13 | 9 | 157 | 0.21 | 1.02 | sx | BUD | 17000744 | BUD | | | 183 |

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 5 BUD 17000744

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| TIH | 0.21 | 196.1 | Pg | 07:19:55.320 | 0.2 | | | | | T__ | | 1279.8 | | ___ | ML | 2.0 6418045 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.25 | 38.5 | Lg | 07:19:59.766 | -1.1 | | | | | T__ | | | | --- | | 6418046 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MSW3 | 0.30 | 19.7 | Pg | 07:19:57.798 | 1.1 | | | | | T__ | | 449.1 | | ___ | ML | 1.8 6418048 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.30 | 19.7 | Lg | 07:20:01.552 | -0.7 | | | | | T__ | | | | --- | | 6418047 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.32 | 36.4 | Lg | 07:20:02.087 | -1.2 | | | | | T__ | | | | --- | | 6418039 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU08A | 0.33 | 353.4 | Lg | 07:20:02.683 | -0.6 | | | | | T__ | | | | --- | | 6418038 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| MSW1 | 0.35 | 33.3 | Pg | 07:19:58.256 | 0.6 | | | | | T__ | | 107.3 | | ___ | ML | 1.3 6418049 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.35 | 33.3 | Lg | 07:20:03.016 | -1.0 | | | | | T__ | | | | --- | | 6418050 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.00 | 152.6 | Pn | 07:20:10.059 | -0.2 | | | | | T__ | | 40.1 | | ___ | ML | 1.7 6418042 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.00 | 152.6 | Lg | 07:20:26.152 | 1.3 | | | | | T__ | | | | --- | | 6418043 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.02 | 175.3 | Pn | 07:20:09.687 | -0.9 | | | | | T__ | | 61.2 | | ___ | ML | 1.9 6418041 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.02 | 175.3 | Lg | 07:20:25.034 | -0.8 | | | | | T__ | | | | --- | | 6418040 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 1.02 | 43.2 | Sn | 07:20:26.077 | -0.9 | | | | | T__ | | | | --- | | 6418044 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/03/29 | 09:06:22.98 | 1.66 | 1.25 | 47.7798 | 19.1406 | 14.2 | 3.7 | 14 | 0.0f | 8 | 5 | 230 | 0.11 | 0.74 | sx | BUD | 17000746 | BUD | | | | 265 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.1 | 3 BUD | 17000746 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.11 | 308.5 | Pg | 09:06:25.952 | 0.3 | | | | | T__ | | 853.9 | | --- | ML | 1.5 | 6418179 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.11 | 308.5 | Lg | 09:06:27.240 | -0.7 | | | | | T__ | | | | --- | | 6418186 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.33 | 68.0 | Lg | 09:06:36.457 | 0.8 | | | | | T__ | | | | --- | | 6418180 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.50 | 78.3 | Pg | 09:06:33.701 | -0.1 | | | | | T__ | | 38.9 | | --- | ML | 1.3 | 6418182 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.50 | 78.3 | Lg | 09:06:41.077 | -0.6 | | | | | T__ | | | | --- | | 6418181 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.53 | 74.4 | Lg | 09:06:42.343 | -0.6 | | | | | T__ | | | | --- | | 6418183 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.74 | 344.2 | Pg | 09:06:39.587 | 1.4 | | | | | T__ | | 20.6 | | --- | ML | 1.2 | 6418185 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.74 | 344.2 | Lg | 09:06:47.186 | -2.0 | | | | | T__ | | | | --- | | 6418184 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|--|--|
| 2021/03/29 | 10:46:32.51 | 1.01 | 1.39 | 47.8857 | 20.1391 | 6.5 | 3.7 | 159 | 0.0f | 8 | 5 | 115 | 0.17 | 0.67 | kx | BUD | 17000748 | BUD | | | | 220 | | |
| 2021/03/29 | 10:46:32.10 | 0.96 | 1.06 | 47.8650 | 20.1529f | | | | 0.0f | 8 | 5 | 119 | 0.18 | 0.68 | kx | BUD_GT | 17000749 | BUD_GT | | | | 230 | | |
| (locality : Kisnána Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.4 | 0.2 | 3 BUD_GT | 17000749 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 10:46:36.745 | 0.2 | | | | | T__ | | 475.1 | | --- | ML | 1.5 | 6418268 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 10:46:39.501 | -0.7 | | | | | T__ | | | | --- | | 6418267 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 10:46:36.648 | 0.1 | | | | | T__ | | 349.0 | | --- | ML | 1.4 | 6418263 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 10:46:39.818 | -0.2 | | | | | T__ | | | | --- | | 6418269 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.24 | 163.9 | Lg | 10:46:43.826 | 2.1 | | | | | T__ | | | | --- | | 6418270 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.36 | 44.0 | Pg | 10:46:39.427 | -0.5 | | | | | T__ | | 84.7 | | --- | ML | 1.2 | 6418265 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.0 | Lg | 10:46:45.615 | -0.5 | | | | | T__ | | | | --- | | 6418264 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.68 | 22.1 | Sn | 10:46:58.798 | -1.6 | | | | | T__ | | | | --- | | 6418266 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/03/29 | 15:59:02.86 | 1.46 | 0.15 | 47.8634 | 16.0318 | 53.8 | 3.6 | 35 | 2.0f | 7 | 4 | 163 | 0.13 | 1.22 | ke | BUD | 17000750 | BUD | | | | 284 |

Magnitude Err Nsta Author OrigID
ML 0.7 0.1 3 BUD 17000750

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| CONA | 0.13 | 299.6 | Pg | 15:59:05.774 | 0.0 | | | | | T__ | | 96.2 | | --- | ML | 0.6 6418321 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.13 | 299.6 | Lg | 15:59:07.711 | -0.1 | | | | | T__ | | | | --- | | 6418320 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.24 | 132.5 | Pg | 15:59:07.972 | 0.0 | | | | | T__ | | 57.9 | | --- | ML | 0.7 6418322 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.24 | 132.5 | Lg | 15:59:11.325 | -0.1 | | | | | T__ | | | | --- | | 6418323 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.47 | 295.7 | Pg | 15:59:11.995 | 0.1 | | | | | T__ | | 68.2 | | --- | ML | 1.4 6418325 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.47 | 295.7 | Lg | 15:59:17.956 | 0.0 | | | | | T__ | | | | --- | | 6418324 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.22 | 11.3 | Sn | 15:59:43.734 | 0.2 | | | | | T__ | | | | --- | | 6418326 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/29 | 21:06:05.60 | 0.79 | 0.47 | 47.3525 | 18.2235 | 3.2 | 2.6 | 102 | 4.7 | 4.3 | 33 | 20 | 89 | 0.03 | 1.35 | ke | BUD | 17000752 | BUD | | | 98 |

Magnitude Err Nsta Author OrigID
ML 1.8 0.3 14 BUD 17000752

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| CSKK | 0.03 | 67.1 | Pg | 21:06:07.098 | 0.2 | | | | | T__ | | 3539.0 | | --- | ML | 1.9 6420482 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.03 | 67.1 | Lg | 21:06:07.824 | -0.4 | | | | | T__ | | | | --- | | 6420483 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.05 | 30.8 | Pg | 21:06:07.178 | 0.0 | | | | | T__ | | 4742.8 | | --- | ML | 2.1 6420512 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.05 | 30.8 | Lg | 21:06:08.501 | -0.1 | | | | | T__ | | | | --- | | 6420511 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.05 | 189.7 | Pg | 21:06:07.252 | 0.0 | | | | | T__ | | 1144.7 | | --- | ML | 1.5 6420509 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.05 | 189.7 | Lg | 21:06:08.662 | -0.1 | | | | | T__ | | | | --- | | 6420510 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.07 | 294.9 | Pg | 21:06:07.615 | 0.1 | | | | | T__ | | 979.3 | | _c_ | ML | 1.5 6420513 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.07 | 294.9 | Lg | 21:06:09.117 | -0.2 | | | | | T__ | | | | --- | | 6420514 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.22 | 291.3 | Pg | 21:06:09.948 | -0.3 | | | | | T__ | | 117.9 | | --- | ML | 1.0 6420485 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.22 | 291.3 | Lg | 21:06:13.505 | -0.5 | | | | | T__ | | | | --- | | 6420484 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.31 | 20.6 | Pg | 21:06:11.676 | -0.2 | | | | | T__ | | 178.1 | | --- | ML | 1.4 6420495 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.31 | 20.6 | Lg | 21:06:16.015 | -1.1 | | | | | T__ | | | | --- | | 6420496 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A267A | 0.44 | 156.4 | Pg | 21:06:14.753 | 0.2 | | | | | T__ | | 142.0 | | --- | ML | 1.7 6420488 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A267A | 0.44 | 156.4 | Lg | 21:06:21.179 | -0.5 | | | | | T__ | | | | --- | | 6420489 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |

```
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
SR0 0.47 7.5 Pg 21:06:15.778 0.8 T__ 371.0 ___ ML 2.2 6420487 FDSN SK -- BUD iLoc EHZ EHZ _
SR0 0.47 7.5 Lg 21:06:22.632 0.0 T__ ___ 6420486 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
TIH 0.51 206.6 Pg 21:06:15.424 -0.3 T__ 214.7 ___ ML 2.0 6420490 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
EGYH 0.61 276.4 Pg 21:06:18.497 0.7 T__ 134.7 ___ ML 2.0 6420491 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.61 276.4 Lg 21:06:27.102 0.4 T__ ___ 6420492 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A338A 0.67 7.4 Pg 21:06:19.615 0.6 T__ 83.3 ___ ML 1.8 6420494 FDSN Z3 00 BUD iLoc HHZ HHZ _
A338A 0.67 7.4 Lg 21:06:29.561 -0.2 T__ ___ 6420493 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A265A 0.97 197.7 Lg 21:06:38.814 0.1 T__ ___ 6420497 FDSN Z3 00 BUD iLoc HHE ??? _
HU03A 1.08 58.8 Pn 21:06:26.371 0.3 T__ 95.7 ___ ML 2.1 6420499 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.08 58.8 Sn 21:06:41.198 -1.0 T__ ___ 6420498 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MORH 1.17 165.6 Pn 21:06:27.116 -0.1 T__ 39.6 ___ ML 1.8 6420500 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.17 165.6 Sn 21:06:43.880 -0.3 T__ ___ 6420501 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
SOP 1.18 287.0 Lg 21:06:43.880 -0.3 T__ ___ 6420502 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.21 19.6 Pn 21:06:28.905 0.7 T__ 24.0 ___ ML 1.6 6420504 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.21 19.6 Sn 21:06:45.444 -0.6 T__ ___ 6420503 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 1.23 64.1 Sn 21:06:45.519 -0.5 T__ ___ 6420505 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.26 62.8 Sn 21:06:47.307 0.1 T__ ___ 6420506 FDSN GE -- BUD iLoc HHN ??? _
KOVH 1.27 183.9 Sn 21:06:46.413 -0.0 T__ ___ 6420507 FDSN HU -- BUD iLoc HHN ??? _
RONA 1.35 285.6 Sn 21:06:48.350 -0.3 T__ ___ 6420508 FDSN OE -- BUD iLoc HHN ??? _
```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/03/30 | 06:23:59.35 | 2.60 | 1.07 | 47.9478 | 20.4305 | 22.1 | 6.2 | 141 | 0.0f | 6 | 4 | 245 | | 0.19 | 0.55 | kx | BUD | 17000754 | BUD | | | 343 |
| 2021/03/30 | 06:23:59.83 | 1.00 | 0.78 | 47.9767 | 20.3679f | | | | 0.0f | 6 | 4 | 223 | | 0.18 | 0.53 | kx | BUD_GT | 17000755 | BUD_GT | | | 332 |

(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

```
Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.18 35.8 Pg 06:24:03.700 -0.4 T__ 132.1 ___ ML 0.9 6421681 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.18 35.8 Lg 06:24:06.754 -0.9 T__ ___ 6421682 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
PSZ 0.32 259.8 Lg 06:24:13.013 0.3 T__ ___ 6421686 FDSN GE -- BUD iLoc HHN ??? _
KECS 0.51 8.8 Lg 06:24:17.632 -0.5 T__ ___ 6421683 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.53 12.4 Pg 06:24:11.895 1.3 T__ 76.8 ___ ML 1.7 6421685 FDSN ZJ -- BUD iLoc HHZ HHZ _
```

JOS 0.53 12.4 Lg 06:24:18.899 0.1 T__ --- 6421684 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/03/30 | 08:17:09.87 | 4.04 | 1.16 | 48.8226 | 21.0272 | 26.4 | 21.4 | 152 | 0.0f | 6 | 4 | 338 | 0.46 | 1.18 | sx | BUD | 17000756 | BUD | | | | 353 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.46 | 224.9 | Pg | 08:17:18.923 | -0.2 | | | | | T__ | | 69.0 | | --- | ML | 1.4 | 6422762 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.46 | 224.9 | Lg | 08:17:26.821 | 0.7 | | | | | T__ | | | | --- | | 6422763 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.49 | 226.8 | Lg | 08:17:27.193 | -0.1 | | | | | T__ | | | | --- | | 6422764 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU02A | 0.78 | 205.7 | Pg | 08:17:26.299 | 0.4 | | | | | T__ | 45.4 | | | --- | ML | 1.6 | 6422766 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.78 | 205.7 | Lg | 08:17:37.028 | -0.9 | | | | | T__ | | | | --- | | 6422765 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.18 | 220.3 | Sn | 08:17:49.410 | -1.6 | | | | | T__ | | | | --- | | 6422767 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/03/30 | 09:41:34.50 | 0.94 | 0.72 | 48.2489 | 21.2459 | 5.3 | 4.6 | 158 | 0.0f | 23 | 14 | 80 | 0.05 | 1.76 | kx | BUD | 17000758 | BUD | | | | 128 |
| 2021/03/30 | 09:41:34.49 | 0.84 | 0.52 | 48.2470 | 21.2460f | | | | 0.0f | 23 | 14 | 80 | 0.05 | 1.76 | kx | BUD_GT | 17000759 | BUD_GT | | | | 128 |

(locality : Tallya Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 2.1 0.1 9 BUD_GT 17000759

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|---------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 09:41:35.937 | -0.1 | | | | | T__ | 19309.8 | | | --- | ML | 2.7 | 6422867 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 09:41:37.465 | -0.2 | | | | | T__ | | | | --- | | 6422868 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 09:41:44.692 | -0.4 | | | | | T__ | 117.8 | | | --- | ML | 1.8 | 6422869 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 09:41:52.450 | -0.7 | | | | | T__ | | | | --- | | 6422881 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 09:41:45.288 | 0.1 | | | | | T__ | 208.9 | | | --- | ML | 2.1 | 6422870 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 09:41:52.738 | -0.6 | | | | | T__ | | | | --- | | 6422871 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 09:41:46.070 | 0.3 | | | | | T__ | 250.9 | | | --- | ML | 2.2 | 6422872 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 09:41:54.461 | 0.1 | | | | | T__ | | | | --- | | 6422882 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TENKA | 0.85 | 225.8 | Lg | 09:42:05.488 | 0.5 | | | | | T__ | | | | --- | | 6422884 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| TRPA | 0.87 | 97.2 | Pg | 09:41:51.630 | 0.1 | | | | | T__ | 140.3 | | | --- | ML | 2.1 | 6422883 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 09:42:04.807 | -1.1 | | | | | T__ | | | | --- | | 6422873 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |


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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU23A 0.90 228.1 Sn      09:42:08.682  0.5      T__      ---      6422875  FDSN ZJ      00 BUD  iLoc HHN ??? _
PSZ   0.96 250.6 Pn      09:41:54.526  0.2      T__      89.3     --- ML   2.0 6422877  FDSN GE      -- BUD  iLoc HHZ HHZ _
PSZ   0.96 250.6 Lg      09:42:09.054 -0.2     T__      ---      6422876  FDSN GE      -- BUD  iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOLS  0.97 44.4 Pn       09:41:54.228 -0.2     T__      ---      6422874  FDSN SK      -- BUD  iLoc HHZ ??? _
ET1H  0.99 248.7 Pn      09:41:54.824  0.3      T__      63.7     --- ML   1.9 6422878  FDSN HU      -- BUD  iLoc HHZ HHZ _
ET1H  0.99 248.7 Lg      09:42:09.287 -0.5     T__      ---      6422885  FDSN HU      -- BUD  iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU03A 1.16 253.3 Lg      09:42:15.536  0.2      T__      ---      6422879  FDSN ZJ      00 BUD  iLoc HHE ??? _
NIE   1.33 332.3 Pg      09:42:00.719  1.2      T__      83.7     --- ML   2.2 6422886  FDSN PL      -- BUD  iLoc BHZ BHZ _
NIE   1.33 332.3 Sn      09:42:19.634  0.2      T__      ---      6422880  FDSN PL      -- BUD  iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
VYHS  1.63 279.6 Sn      09:42:26.870  0.6      T__      ---      6422887  FDSN SK      -- BUD  iLoc HHE ??? _
DRGR  1.76 145.2 Pn      09:42:05.935  0.5      T__      64.5     --- ML   2.3 6422889  FDSN RO      -- BUD  iLoc HHZ HHZ _
DRGR  1.76 145.2 Sn      09:42:28.882 -0.7     T__      ---      6422888  FDSN RO      -- BUD  iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

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Date      Time      Err      RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/03/30 10:02:53.73  0.94  1.16 48.8487  21.3633  5.3  4.0 163  0.0f  17  9 132  0.56  1.71  sx BUD  17000760  BUD  182

```

```

Magnitude Err Nsta Author  OrigID
ML 1.9 0.1 8 BUD 17000760

```

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
ABAH 0.56 188.5 Pg      10:03:05.016  0.0      T__      ---      96.7      --- ML   1.8 6422946  FDSN HU      -- BUD  iLoc HHZ HHZ _
ABAH 0.56 188.5 Lg      10:03:13.658 -0.7     T__      ---      6422945  FDSN HU      -- BUD  iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
KOLS 0.61 81.6 Pg       10:03:06.308  0.9      T__      ---      6422949  FDSN SK      -- BUD  iLoc HHZ ??? _
KOLS 0.61 81.6 Lg       10:03:15.099 -0.2     T__      ---      6422950  FDSN SK      -- BUD  iLoc HHE ??? _
JOS  0.65 237.4 Pg      10:03:08.890  2.2      T__      89.4     --- ML   1.8 6422939  FDSN ZJ      -- BUD  iLoc HHZ HHZ _
JOS  0.65 237.4 Lg      10:03:15.447 -1.0     T__      ---      6422940  FDSN ZJ      -- BUD  iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.69 238.2 Pg      10:03:09.039  1.6      T__      135.7    --- ML   2.0 6422942  FDSN SK      -- BUD  iLoc EHZ EHZ _
KECS 0.69 238.2 Lg      10:03:16.490 -1.2     T__      ---      6422941  FDSN SK      -- BUD  iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE  0.90 309.6 Pg      10:03:10.380 -0.4     T__      101.6    --- ML   2.0 6422947  FDSN PL      -- BUD  iLoc BHZ BHZ _
NIE  0.90 309.6 Lg      10:03:21.656 -1.9     T__      ---      6422951  FDSN PL      -- BUD  iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 0.92 217.8 Pg      10:03:11.572 -1.0     T__      64.0     --- ML   1.8 6422943  FDSN ZJ      00 BUD  iLoc HHZ HHZ _
HU02A 0.92 217.8 Lg      10:03:25.728 -0.7     T__      ---      6422944  FDSN ZJ      00 BUD  iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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TRPA 1.06 132.1 Pg 10:03:13.758 -0.5 T__ 93.2 ___ ML 2.1 6422952 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.06 132.1 Lg 10:03:30.298 -0.4 T__ ___ 6422953 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
PSZ 1.35 227.0 Pn 10:03:20.215 1.2 T__ 68.4 ___ ML 2.1 6422948 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.35 227.0 Sn 10:03:38.947 -0.2 T__ ___ 6422955 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
VYHS 1.71 259.0 Pn 10:03:24.785 0.7 T__ 24.2 ___ ML 1.8 6422954 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/30 11:01:08.65 1.35 0.74 47.2358 18.2820 10.6 6.6 75 0.0f 5.3 129 79 45 0.11 4.32 ke BUD 17000762 BUD 76

```

```

Magnitude Err Nsta Author OrigID
ML 0.9 0.0 3 BUD 17000762

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MSW2 0.08 324.0 Pg 11:01:11.121 0.1 T__ 221.1 ___ ML 0.9 6422989 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.08 324.0 Lg 11:01:12.752 -0.5 T__ ___ 6422988 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
CSKK 0.13 353.4 Pg 11:01:12.191 0.3 T__ 160.6 ___ ML 0.9 6422990 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.13 353.4 Lg 11:01:14.434 -0.5 T__ ___ 6422991 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW3 0.18 324.3 Pg 11:01:13.568 0.7 T__ 101.2 ___ ML 0.8 6422992 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.18 324.3 Lg 11:01:15.811 -0.8 T__ ___ 6422993 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
MORH 1.05 166.2 Lg 11:01:44.256 -0.6 T__ ___ 6422994 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/30 16:25:01.28 0.67 0.87 47.7829 16.1838 3.2 2.6 43 9.4 5.3 129 79 45 0.11 4.32 ke BUD 17000762 BUD 76

```

```

Magnitude Err Nsta Author OrigID
ML 4.4 0.1 76 BUD 17000764

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.11 137.6 Pg 16:25:04.147 -0.2 T__ 169951.4 _c_ ML 3.8 6423718 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 137.6 Lg 16:25:06.084 -0.5 T__ ___ 6423712 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 3.8 magdef=1
(Station ML: 3.8 magdef=0
A004A 0.23 38.4 Pg 16:25:06.978 0.8 T__ 236896.9 ___ ML 4.3 6423711 FDSN Z3 00 BUD iLoc HHZ HHZ _
A004A 0.23 38.4 Lg 16:25:11.970 2.3 T__ ___ 6423710 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 4.3 magdef=1
(Station ML: 4.3 magdef=1
CONA 0.26 304.0 Pg 16:25:06.605 -0.3 T__ 81380.0 _c_ ML 3.9 6423719 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 304.0 Lg 16:25:09.586 -1.2 T__ ___ 6423709 FDSN OE -- BUD iLoc HHE ??? _

```

| | | | | | | | | | | | | | |
|---------------------------|--------------|------|-----|----------|--------|-----|---------|------|----|----|-----|------|-----------|
| (Reading ML: 3.9 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 3.9 magdef=0 | | | | | | | | | | | | | |
| SOP 0.27 111.4 Pg | 16:25:07.052 | -0.0 | T__ | 96956.2 | _c_ ML | 4.0 | 6423720 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| SOP 0.27 111.4 Lg | 16:25:10.927 | -0.1 | T__ | | --- | | 6423715 | FDSN | HU | -- | BUD | iLoc | HNN ??? _ |
| (Reading ML: 4.0 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 4.0 magdef=0 | | | | | | | | | | | | | |
| A005B 0.59 1.4 Pg | 16:25:13.561 | 0.7 | T__ | 240464.6 | _d_ ML | 5.2 | 6423726 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A005B 0.59 1.4 Lg | 16:25:21.943 | 0.7 | T__ | | --- | | 6423725 | FDSN | Z3 | 00 | BUD | iLoc | HHE ??? _ |
| (Reading ML: 5.2 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 5.2 magdef=0 | | | | | | | | | | | | | |
| A013A 0.59 298.5 Pg | 16:25:12.789 | -0.1 | T__ | 46602.3 | _c_ ML | 4.5 | 6423721 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A013A 0.59 298.5 Lg | 16:25:20.806 | 0.2 | T__ | | --- | | 6423722 | FDSN | Z3 | 00 | BUD | iLoc | HNN ??? _ |
| (Reading ML: 4.5 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 4.5 magdef=1 | | | | | | | | | | | | | |
| A260A 0.61 144.5 Pg | 16:25:13.412 | -0.2 | T__ | 27040.6 | _c_ ML | 4.3 | 6423723 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A260A 0.61 144.5 Lg | 16:25:21.682 | -0.2 | T__ | | --- | | 6423724 | FDSN | Z3 | 00 | BUD | iLoc | HHE ??? _ |
| (Reading ML: 4.3 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=1 | | | | | | | | | | | | | |
| A008A 0.69 328.9 Pg | 16:25:14.577 | 0.1 | T__ | 80453.9 | ___ ML | 4.8 | 6423713 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A008A 0.69 328.9 Lg | 16:25:23.667 | -0.3 | T__ | | --- | | 6423714 | FDSN | Z3 | 00 | BUD | iLoc | HHZ ??? _ |
| (Reading ML: 4.8 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 4.8 magdef=0 | | | | | | | | | | | | | |
| ARSA 0.70 220.3 Pg | 16:25:13.933 | -0.9 | T__ | 105440.1 | ___ ML | 4.9 | 6423727 | FDSN | OE | -- | BUD | iLoc | HHZ HHZ _ |
| ARSA 0.70 220.3 Lg | 16:25:22.986 | -0.7 | T__ | | --- | | 6423728 | FDSN | OE | -- | BUD | iLoc | HHE ??? _ |
| (Reading ML: 4.9 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 4.9 magdef=0 | | | | | | | | | | | | | |
| A018A 0.75 267.4 Pg | 16:25:15.293 | -0.6 | T__ | 60088.9 | _c_ ML | 4.7 | 6423766 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| (Reading ML: 4.7 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 4.7 magdef=0 | | | | | | | | | | | | | |
| EGYH 0.86 114.8 Pn | 16:25:18.422 | -0.2 | T__ | 33816.9 | ___ ML | 4.5 | 6423729 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| EGYH 0.86 114.8 Lg | 16:25:30.483 | -0.2 | T__ | | --- | | 6423767 | FDSN | HU | -- | BUD | iLoc | HHE ??? _ |
| (Reading ML: 4.5 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 4.5 magdef=1 | | | | | | | | | | | | | |
| MODS 0.94 50.7 Pn | 16:25:19.428 | -0.6 | T__ | | --- | | 6423732 | FDSN | SK | -- | BUD | iLoc | HHZ ??? _ |
| MODS 0.94 50.7 Sn | 16:25:32.942 | -1.1 | T__ | | --- | | 6423768 | FDSN | SK | -- | BUD | iLoc | HHE ??? _ |
| A262A 0.95 165.6 Pn | 16:25:20.192 | 0.3 | T__ | 20062.5 | ___ ML | 4.3 | 6423730 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A262A 0.95 165.6 Sn | 16:25:32.737 | -0.6 | T__ | | --- | | 6423828 | FDSN | Z3 | 00 | BUD | iLoc | HNN ??? _ |
| (Reading ML: 4.3 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=1 | | | | | | | | | | | | | |
| A006A 0.96 353.6 Pg | 16:25:19.503 | -0.5 | T__ | 59803.9 | ___ ML | 4.8 | 6423731 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A006A 0.96 353.6 Lg | 16:25:32.607 | -1.4 | T__ | | --- | | 6423716 | FDSN | Z3 | 00 | BUD | iLoc | HNN ??? _ |
| (Reading ML: 4.8 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 4.8 magdef=0 | | | | | | | | | | | | | |
| A001A 0.98 15.9 Pn | 16:25:20.639 | 0.0 | T__ | 17098.2 | _d_ ML | 4.3 | 6423733 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A001A 0.98 15.9 Sn | 16:25:34.023 | -0.9 | T__ | | --- | | 6423717 | FDSN | Z3 | 00 | BUD | iLoc | HH3 ??? _ |
| (Reading ML: 4.3 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=1 | | | | | | | | | | | | | |
| A339A 0.99 86.8 Pg | 16:25:20.713 | -0.3 | T__ | 23168.5 | ___ ML | 4.4 | 6423734 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| A339A 0.99 86.8 Sn | 16:25:35.326 | 0.5 | T__ | | --- | | 6423769 | FDSN | Z3 | 00 | BUD | iLoc | HHE ??? _ |
| (Reading ML: 4.4 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 4.4 magdef=1 | | | | | | | | | | | | | |
| A261A 1.06 141.4 Pg | 16:25:21.570 | -0.4 | T__ | 19456.0 | ___ ML | 4.4 | 6423735 | FDSN | Z3 | 00 | BUD | iLoc | HHZ HHZ _ |
| (Reading ML: 4.4 magdef=1 | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------|-------|----|--------------|------|-----|---------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|--|--|--|
| (Station ML: 4.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.11 | 123.2 | Pn | 16:25:21.775 | -0.2 | T__ | 9479.4 | ___ | ML | 4.1 | 6423736 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| MPLH | 1.11 | 123.2 | Sn | 16:25:37.449 | -0.0 | T__ | | --- | | | 6423770 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 4.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=0 | | | | | | | | | | | | | | | | | | | | | | |
| A337A | 1.17 | 66.2 | Pn | 16:25:23.488 | 0.5 | T__ | 19844.3 | --- | ML | 4.4 | 6423737 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | | |
| A337A | 1.17 | 66.2 | Sn | 16:25:40.169 | 0.7 | T__ | | --- | | | 6423771 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 4.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 1.23 | 106.0 | Pn | 16:25:23.693 | 0.0 | T__ | 31192.5 | --- | ML | 4.7 | 6423738 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | | |
| HU08A | 1.23 | 106.0 | Sn | 16:25:41.212 | 0.6 | T__ | | --- | | | 6423772 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 4.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.29 | 6.2 | Pn | 16:25:24.625 | -0.2 | T__ | 22083.7 | _d_ | ML | 4.6 | 6423740 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| KRUC | 1.29 | 6.2 | Sn | 16:25:41.733 | -0.4 | T__ | | --- | | | 6423773 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 4.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 1.34 | 178.0 | Pn | 16:25:25.221 | -0.1 | T__ | 11264.5 | --- | ML | 4.3 | 6423739 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ | | | |
| KOGS | 1.34 | 178.0 | Lg | 16:25:45.226 | 1.1 | T__ | | --- | | | 6423784 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | | | |
| (Reading ML: 4.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.37 | 162.7 | Pg | 16:25:26.375 | -1.3 | T__ | 16523.9 | --- | ML | 4.5 | 6423741 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| BEHE | 1.37 | 162.7 | Lg | 16:25:44.711 | -0.9 | T__ | | --- | | | 6423829 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 4.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 1.37 | 106.2 | Pn | 16:25:25.592 | -0.0 | T__ | 11195.3 | _d_ | ML | 4.3 | 6423830 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| MSW3 | 1.37 | 106.2 | Sn | 16:25:44.654 | 0.5 | T__ | | --- | | | 6423831 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| MSW3 | 1.37 | 106.2 | Lg | 16:25:47.035 | -0.3 | T__ | | --- | | | 6423832 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 4.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 1.38 | 145.6 | Pg | 16:25:26.431 | -1.4 | T__ | 16069.4 | --- | ML | 4.5 | 6423742 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | | |
| A263A | 1.38 | 145.6 | Lg | 16:25:46.651 | 0.8 | T__ | | --- | | | 6423774 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 4.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| SR0 | 1.44 | 88.0 | Pn | 16:25:26.450 | -0.1 | T__ | 31947.0 | _c_ | ML | 4.8 | 6423743 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | | | |
| SR0 | 1.44 | 88.0 | Sn | 16:25:46.921 | 1.0 | T__ | | --- | | | 6423785 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | | | |
| (Reading ML: 4.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 1.46 | 108.6 | Pn | 16:25:26.657 | -0.1 | T__ | 12080.7 | _d_ | ML | 4.4 | 6423834 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| MSW2 | 1.46 | 108.6 | Sn | 16:25:46.231 | -0.0 | T__ | | --- | | | 6423835 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 4.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 1.46 | 104.8 | Pn | 16:25:26.752 | -0.1 | T__ | 8449.5 | --- | ML | 4.2 | 6423836 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| (Reading ML: 4.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| TIH | 1.46 | 126.6 | Pn | 16:25:27.222 | 0.5 | T__ | 23513.3 | --- | ML | 4.7 | 6423786 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| TIH | 1.46 | 126.6 | Lg | 16:25:49.065 | -0.1 | T__ | | --- | | | 6423833 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 4.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.46 | 42.1 | Pn | 16:25:28.320 | 0.8 | T__ | 7493.5 | _d_ | ML | 4.2 | 6423837 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| (Reading ML: 4.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 1.47 | 105.9 | Pn | 16:25:27.027 | 0.1 | T__ | 11893.5 | --- | ML | 4.4 | 6423744 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |

| | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|--------------|--------------|----------|-----|---------|-----|---------|---------|---------|------|-----|------|------|------|-----|-----|---|
| CSKK | 1.47 | 105.9 | Lg | 16:25:50.301 | -0.2 | T__ | | --- | 6423775 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |
| | | | (Reading ML: | 4.4 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 4.4 | magdef=1 | | | | | | | | | | | | | | |
| A338A | 1.48 | 80.1 | Pn | 16:25:27.363 | 0.2 | T__ | 14975.7 | --- | ML | 4.5 | 6423745 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A338A | 1.48 | 80.1 | Lg | 16:25:50.972 | -0.1 | T__ | | --- | | 6423776 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| | | | (Reading ML: | 4.5 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 4.5 | magdef=1 | | | | | | | | | | | | | | |
| HU09A | 1.49 | 94.7 | Pn | 16:25:27.139 | -0.1 | T__ | 10848.3 | --- | ML | 4.4 | 6423746 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | (Reading ML: | 4.4 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 4.4 | magdef=1 | | | | | | | | | | | | | | |
| VRAC | 1.55 | 10.0 | Pn | 16:25:28.275 | -0.2 | T__ | 4047.8 | _d | ML | 4.0 | 6423747 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 1.55 | 10.0 | Sn | 16:25:48.766 | 0.2 | T__ | | --- | | 6423787 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | (Reading ML: | 4.0 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 4.0 | magdef=0 | | | | | | | | | | | | | | |
| TREC | 1.58 | 343.2 | Pn | 16:25:29.654 | 0.6 | T__ | 43095.1 | --- | ML | 5.0 | 6423748 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| TREC | 1.58 | 343.2 | Sn | 16:25:50.196 | 1.1 | T__ | | --- | | 6423827 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | (Reading ML: | 5.0 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 5.0 | magdef=0 | | | | | | | | | | | | | | |
| CKRC | 1.63 | 310.4 | Pn | 16:25:30.008 | 0.4 | T__ | 25588.9 | --- | ML | 4.8 | 6423749 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.63 | 310.4 | Sn | 16:25:51.307 | 0.6 | T__ | | --- | | 6423777 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | (Reading ML: | 4.8 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 4.8 | magdef=0 | | | | | | | | | | | | | | |
| OBKA | 1.69 | 221.8 | Pn | 16:25:30.492 | -0.5 | T__ | 12741.6 | --- | ML | 4.5 | 6423750 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.69 | 221.8 | Lg | 16:25:55.889 | 0.5 | T__ | | --- | | 6423778 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | (Reading ML: | 4.5 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 4.5 | magdef=1 | | | | | | | | | | | | | | |
| A265A | 1.75 | 140.4 | Pn | 16:25:31.814 | 1.1 | T__ | 17023.9 | --- | ML | 4.7 | 6423751 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 1.75 | 140.4 | Lg | 16:25:58.720 | 1.3 | T__ | | --- | | 6423779 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | (Reading ML: | 4.7 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 4.7 | magdef=0 | | | | | | | | | | | | | | |
| A267A | 1.77 | 117.3 | Pn | 16:25:31.777 | 0.8 | T__ | 8832.9 | --- | ML | 4.4 | 6423752 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A267A | 1.77 | 117.3 | Lg | 16:26:00.732 | 0.9 | T__ | | --- | | 6423780 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | (Reading ML: | 4.4 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 4.4 | magdef=1 | | | | | | | | | | | | | | |
| A264A | 1.79 | 154.6 | Pg | 16:25:34.503 | -0.8 | T__ | 6336.0 | --- | ML | 4.3 | 6423788 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 1.79 | 154.6 | Sn | 16:25:54.697 | 1.2 | T__ | | --- | | 6423782 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| A264A | 1.79 | 154.6 | Lg | 16:26:00.359 | 2.1 | T__ | | --- | | 6423781 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | (Reading ML: | 4.3 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 4.3 | magdef=1 | | | | | | | | | | | | | | |
| PTJ | 1.88 | 184.6 | Pn | 16:25:33.174 | -0.2 | T__ | 5385.4 | --- | ML | 4.3 | 6423753 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 1.88 | 184.6 | Lg | 16:26:01.775 | -0.2 | T__ | | --- | | 6423783 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| | | | (Reading ML: | 4.3 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 4.3 | magdef=1 | | | | | | | | | | | | | | |
| A266A | 1.90 | 130.8 | Pn | 16:25:33.360 | 0.7 | T__ | 6266.1 | --- | ML | 4.4 | 6423754 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | (Reading ML: | 4.4 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 4.4 | magdef=1 | | | | | | | | | | | | | | |
| A271A | 1.90 | 108.3 | Pn | 16:25:33.826 | 0.9 | T__ | 6949.8 | --- | ML | 4.4 | 6423756 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A271A | 1.90 | 108.3 | Lg | 16:26:04.875 | 0.1 | T__ | | --- | | 6423789 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | (Reading ML: | 4.4 | magdef=1 | | | | | | | | | | | | | | |
| | | | (Station ML: | 4.4 | magdef=1 | | | | | | | | | | | | | | |
| HU10A | 1.91 | 87.1 | Pn | 16:25:33.025 | -0.1 | T__ | 7494.5 | --- | ML | 4.4 | 6423757 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 1.91 | 87.1 | Lg | 16:26:04.227 | -1.4 | T__ | | --- | | 6423790 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | (Reading ML: | 4.4 | magdef=1 | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--------------|------|-----|---------|--------|-------------|---------|--------|------|---------|---|--|--|--|--|--|--|--|--|--|
| (Station ML: 4.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| VYHS 1.91 67.2 Pn | 16:25:32.727 | -0.6 | T__ | 2523.3 | ___ ML | 4.0 6423758 | FDSN SK | -- BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| VYHS 1.91 67.2 Lg | 16:26:04.227 | -0.9 | T__ | | ___ | 6423791 | FDSN SK | -- BUD | iLoc | HHE ??? | _ | | | | | | | | | |
| (Reading ML: 4.0 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.0 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| A331A 1.93 44.0 Pn | 16:25:34.487 | 0.8 | T__ | 3019.3 | ___ ML | 4.1 6423759 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| (Reading ML: 4.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| BUD 1.94 97.8 Pn | 16:25:33.118 | -0.4 | T__ | 3243.4 | ___ ML | 4.1 6423760 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| BUD 1.94 97.8 Lg | 16:26:06.172 | -0.3 | T__ | | ___ | 6423793 | FDSN HU | -- BUD | iLoc | HHE ??? | _ | | | | | | | | | |
| (Reading ML: 4.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| ZAG 1.96 184.0 Pn | 16:25:34.664 | 0.5 | T__ | 27879.9 | ___ ML | 5.0 6423755 | FDSN CR | -- BUD | iLoc | BHZ BHZ | _ | | | | | | | | | |
| ZAG 1.96 184.0 Lg | 16:26:04.975 | 1.3 | T__ | | ___ | 6423792 | FDSN CR | -- BUD | iLoc | BHE ??? | _ | | | | | | | | | |
| (Reading ML: 5.0 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 5.0 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| CRES 2.02 194.6 Pn | 16:25:35.111 | -0.1 | T__ | 2571.2 | ___ ML | 4.0 6423761 | FDSN SL | -- BUD | iLoc | BHZ BHZ | _ | | | | | | | | | |
| CRES 2.02 194.6 Lg | 16:26:06.172 | 0.0 | T__ | | ___ | 6423794 | FDSN SL | -- BUD | iLoc | BHE ??? | _ | | | | | | | | | |
| (Reading ML: 4.0 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.0 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| A272A 2.16 117.7 Pn | 16:25:36.629 | 0.3 | T__ | 5259.2 | ___ ML | 4.4 6423762 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| (Reading ML: 4.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| A273A 2.18 148.4 Pn | 16:25:37.346 | 0.8 | T__ | 3832.0 | ___ ML | 4.3 6423795 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| (Reading ML: 4.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| MORC 2.19 23.7 Pn | 16:25:37.644 | 0.1 | T__ | 2823.0 | ___ ML | 4.2 6423763 | FDSN CZ | -- BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| (Reading ML: 4.2 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.2 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| MORH 2.30 132.1 Pn | 16:25:38.543 | 0.4 | T__ | 1953.8 | ___ ML | 4.1 6423796 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| (Reading ML: 4.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| HU03A 2.30 85.7 Pn | 16:25:38.929 | 0.4 | T__ | 3004.7 | ___ ML | 4.3 6423764 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| (Reading ML: 4.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| HU01A 2.37 99.4 Pn | 16:25:40.089 | 0.7 | T__ | 7128.3 | ___ ML | 4.7 6423797 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| (Reading ML: 4.7 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.7 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| HU04A 2.44 112.2 Pn | 16:25:40.737 | 0.5 | T__ | 2852.3 | ___ ML | 4.3 6423798 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| (Reading ML: 4.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| PRU 2.46 334.5 Pn | 16:25:41.369 | 0.2 | T__ | 10770.8 | ___ ML | 4.9 6423765 | FDSN CZ | -- BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| (Reading ML: 4.9 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.9 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| HU22A 2.49 124.8 Pn | 16:25:41.336 | 0.6 | T__ | 3145.3 | ___ ML | 4.4 6423799 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| (Reading ML: 4.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| ET1H 2.49 86.4 Pn | 16:25:40.986 | -0.1 | T__ | 1057.9 | ___ ML | 3.9 6423800 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| (Reading ML: 3.9 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.9 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| PSZ 2.50 85.5 Pn | 16:25:41.236 | -0.3 | T__ | 1680.6 | ___ ML | 4.1 6423801 | FDSN GE | -- BUD | iLoc | HHZ HHZ | _ | | | | | | | | | |
| (Reading ML: 4.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=0 | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|--------|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| HU23A | 2.75 | 91.5 | Pn | 16:25:45.076 | 0.5 | T__ | 2960.6 | ___ ML | 4.5 | 6423802 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 4.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TENKA | 2.81 | 91.1 | Pn | 16:25:46.173 | 0.7 | T__ | 6513.9 | ___ ML | 4.9 | 6423803 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| TENKA | 2.81 | 91.1 | Lg | 16:26:33.331 | -2.0 | T__ | | --- | | 6423820 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 4.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU21A | 2.82 | 119.6 | Pn | 16:25:46.273 | 0.9 | T__ | 2328.1 | ___ ML | 4.4 | 6423804 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU21A | 2.82 | 119.6 | Lg | 16:26:35.026 | 0.3 | T__ | | --- | | 6423821 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 4.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 2.94 | 81.8 | Pn | 16:25:47.071 | -0.4 | T__ | 806.5 | ___ ML | 4.0 | 6423805 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 2.94 | 81.8 | Lg | 16:26:39.315 | -0.5 | T__ | | --- | | 6423822 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 4.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.0 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KECS | 2.97 | 74.7 | Pn | 16:25:47.769 | -0.0 | T__ | 1330.6 | ___ ML | 4.3 | 6423806 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| (Reading ML: 4.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JOS | 3.00 | 74.6 | Pn | 16:25:47.769 | -0.5 | T__ | 870.4 | ___ ML | 4.1 | 6423807 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| BLY | 3.11 | 166.8 | Pn | 16:25:50.313 | 0.4 | T__ | 1338.2 | ___ ML | 4.4 | 6423808 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ | |
| BLY | 3.11 | 166.8 | Lg | 16:26:43.804 | 5.8 | T__ | | --- | | 6423823 | FDSN | MN | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 4.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU06A | 3.17 | 108.1 | Pn | 16:25:51.061 | 0.8 | T__ | 1373.9 | ___ ML | 4.4 | 6423809 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 4.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU05A | 3.36 | 92.1 | Pn | 16:25:53.006 | 0.1 | T__ | 1250.8 | ___ ML | 4.5 | 6423810 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 4.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| AMBH | 3.42 | 113.1 | Lg | 16:26:54.576 | 0.4 | T__ | | --- | | 6423824 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| ABAH | 3.43 | 79.5 | Pn | 16:25:54.053 | -0.1 | T__ | 955.6 | ___ ML | 4.4 | 6423811 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 4.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU24A | 3.49 | 102.6 | Pn | 16:25:55.449 | 0.7 | T__ | 1183.6 | ___ ML | 4.5 | 6423812 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU24A | 3.49 | 102.6 | Lg | 16:26:56.671 | -0.2 | T__ | | --- | | 6423825 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 4.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| FRGS | 3.63 | 135.0 | Pn | 16:25:57.344 | 0.6 | T__ | 1391.7 | ___ ML | 4.7 | 6423813 | FDSN | SJ | -- | BUD | iLoc | BHZ | BHZ | _ | |
| FRGS | 3.63 | 135.0 | Sn | 16:26:40.612 | 1.5 | T__ | | --- | | 6423826 | FDSN | SJ | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 4.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| LTVH | 3.89 | 93.8 | Pn | 16:26:00.586 | 0.2 | T__ | 961.8 | ___ ML | 4.6 | 6423814 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 4.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SIRR | 4.04 | 110.0 | Pn | 16:26:02.481 | -0.1 | T__ | 291.6 | ___ ML | 4.1 | 6423815 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| BEO | 4.20 | 133.5 | Pn | 16:26:04.925 | 0.2 | T__ | 6480.1 | ___ ML | 5.5 | 6423816 | FDSN | SJ | -- | BUD | iLoc | BHZ | BHZ | _ | |
| (Reading ML: 5.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 5.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KOLS | 4.22 | 71.9 | Pn | 16:26:05.424 | -0.2 | T__ | | --- | | 6423817 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| TRPA | 4.28 | 83.0 | Pn | 16:26:05.174 | -1.0 | T__ | 285.5 | ___ | ML | 4.1 | 6423818 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BZS | 4.32 | 118.1 | Pn | 16:26:06.272 | -0.3 | T__ | 291.6 | ___ | ML | 4.1 | 6423819 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/03/30 | 17:05:02.04 | 0.85 | 0.94 | 47.7461 | 16.1791 | 4.4 | 3.1 | 30 | 9.0f | 17 | 9 | 101 | 0.09 | 1.32 | ke | BUD | 17000766 | BUD | | | | 181 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.5 | 8 BUD | 17000766 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|-----|------|------|-----|-----|---|--|
| RONA | 0.09 | 120.4 | Pg | 17:05:04.966 | 0.2 | | | | | T__ | | 483.5 | --- | ML | 1.2 | 6424023 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.09 | 120.4 | Lg | 17:05:06.680 | -0.0 | | | | | T__ | | | --- | | 6424024 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.26 | 34.0 | Pg | 17:05:07.947 | 0.4 | | | | | T__ | | 546.8 | --- | ML | 1.8 | 6424026 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A004A | 0.26 | 34.0 | Lg | 17:05:12.273 | 0.9 | | | | | T__ | | | --- | | 6424038 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.26 | 103.6 | Pg | 17:05:07.574 | -0.1 | | | | | T__ | | 166.4 | _c | ML | 1.3 | 6424028 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| SOP | 0.26 | 103.6 | Lg | 17:05:11.299 | -0.2 | | | | | T__ | | | --- | | 6424027 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.28 | 310.6 | Pg | 17:05:08.008 | -0.0 | | | | | T__ | | 119.3 | _c | ML | 1.2 | 6424039 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CONA | 0.28 | 310.6 | Lg | 17:05:12.342 | 0.2 | | | | | T__ | | | --- | | 6424025 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.61 | 301.7 | Pg | 17:05:14.093 | 0.2 | | | | | T__ | | 256.8 | --- | ML | 2.2 | 6424029 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A013A | 0.61 | 301.7 | Lg | 17:05:22.326 | 0.4 | | | | | T__ | | | --- | | 6424030 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.63 | 1.6 | Lg | 17:05:22.959 | -0.3 | | | | | T__ | | | --- | | 6424031 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | |
| ARSA | 0.67 | 222.1 | Pg | 17:05:15.322 | 0.3 | | | | | T__ | | 101.1 | --- | ML | 1.9 | 6424033 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ARSA | 0.67 | 222.1 | Lg | 17:05:24.114 | 0.6 | | | | | T__ | | | --- | | 6424032 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.72 | 330.6 | Pn | 17:05:15.546 | -2.1 | | | | | T__ | | 216.7 | --- | ML | 2.2 | 6424035 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A008A | 0.72 | 330.6 | Lg | 17:05:24.598 | -1.1 | | | | | T__ | | | --- | | 6424034 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.32 | 6.2 | Pn | 17:05:24.710 | -1.4 | | | | | T__ | | 67.2 | --- | ML | 2.1 | 6424036 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KRUC | 1.32 | 6.2 | Sn | 17:05:42.144 | -1.7 | | | | | T__ | | | --- | | 6424037 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/30 | 17:08:09.14 | 1.60 | 0.79 | 47.7406 | 16.1933 | 7.6 | 4.6 | 17 | 16.5 | 11.6 | 13 | 7 | 181 | 0.08 | 0.73 | ke | BUD | 17000768 | BUD | | | 198 |

Magnitude Err Nsta Author OrigID
 ML 1.2 0.6 6 BUD 17000768

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| RONA | 0.08 | 120.4 | Pg | 17:08:12.700 | -0.0 | | | | | T__ | | 154.2 | | --- | ML | 0.7 6424081 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.08 | 120.4 | Lg | 17:08:14.339 | -0.9 | | | | | T__ | | | | --- | | 6424082 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.25 | 103.0 | Pg | 17:08:15.401 | 0.4 | | | | | T__ | | 59.9 | | --- | ML | 0.8 6424085 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.25 | 103.0 | Lg | 17:08:19.070 | -0.0 | | | | | T__ | | | | --- | | 6424086 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.26 | 31.6 | Pg | 17:08:15.736 | 0.7 | | | | | T__ | | 332.5 | | --- | ML | 1.5 6424084 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.26 | 31.6 | Lg | 17:08:19.927 | 0.7 | | | | | T__ | | | | --- | | 6424083 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.29 | 310.2 | Pg | 17:08:15.866 | 0.1 | | | | | T__ | | 65.3 | | --- | ML | 0.9 6424088 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.29 | 310.2 | Lg | 17:08:20.113 | -0.2 | | | | | T__ | | | | --- | | 6424087 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.62 | 301.7 | Pg | 17:08:21.715 | 0.4 | | | | | T__ | | 100.6 | | --- | ML | 1.8 6424089 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.62 | 301.7 | Lg | 17:08:30.078 | 0.5 | | | | | T__ | | | | --- | | 6424090 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A002B | 0.68 | 23.2 | Lg | 17:08:30.860 | -1.7 | | | | | T__ | | | | --- | | 6424091 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| A008A | 0.73 | 330.2 | Pg | 17:08:23.186 | -0.0 | | | | | T__ | | 61.1 | | --- | ML | 1.7 6424093 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.73 | 330.2 | Lg | 17:08:32.536 | -0.7 | | | | | T__ | | | | --- | | 6424092 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/03/30 17:12:58.75 1.36 0.90 47.7532 16.1876 6.1 4.0 31 10.5 13.2 13 8 96 0.09 0.96 ke BUD 17000770 BUD 174

Magnitude Err Nsta Author OrigID
 ML 0.8 0.0 5 BUD 17000770

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| RONA | 0.09 | 126.1 | Pg | 17:13:01.737 | 0.1 | | | | | T__ | | 158.6 | | --- | ML | 0.8 6424130 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.09 | 126.1 | Lg | 17:13:03.413 | -0.3 | | | | | T__ | | | | --- | | 6424131 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.25 | 33.8 | Lg | 17:13:09.038 | 1.1 | | | | | T__ | | | | --- | | 6424132 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| SOP | 0.26 | 105.5 | Pg | 17:13:04.233 | -0.1 | | | | | T__ | | 57.4 | | --- | ML | 0.8 6424134 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.26 | 105.5 | Lg | 17:13:07.958 | -0.3 | | | | | T__ | | | | --- | | 6424133 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.28 | 308.7 | Pg | 17:13:04.717 | -0.1 | | | | | T__ | | 48.8 | | --- | ML | 0.8 6424135 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.28 | 308.7 | Lg | 17:13:08.927 | -0.1 | | | | | T__ | | | | --- | | 6424136 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.61 | 300.9 | Pg | 17:13:10.752 | 0.1 | | | | | T__ | | 113.8 | | --- | ML | 1.9 6424138 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| A013A | 0.61 | 300.9 | Lg | 17:13:19.134 | 0.4 | T__ | --- | 6424137 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.68 | 222.1 | Lg | 17:13:21.108 | 0.6 | T__ | --- | 6424139 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | | | |
| A008A | 0.71 | 329.9 | Pg | 17:13:12.205 | -0.3 | T__ | 76.2 | --- | ML | 1.8 | 6424141 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.71 | 329.9 | Lg | 17:13:21.555 | -0.8 | T__ | --- | 6424140 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.96 | 49.3 | Sn | 17:13:29.601 | -2.1 | T__ | --- | 6424142 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/30 | 18:02:46.32 | 1.44 | 0.57 | 47.7550 | 16.1418 | 5.2 | 4.5 | 118 | 10.7 | 14.6 | 14 | 7 | 102 | 0.12 | 0.70 | ke | BUD | 17000772 | BUD | | | 184 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.4 | 7 BUD | 17000772 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 117.9 | Pg | 18:02:49.296 | -0.3 | | | | | T__ | | 302.1 | | --- | ML | 1.1 | 6424180 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 117.9 | Lg | 18:02:51.270 | -0.7 | | | | | T__ | | | | --- | | 6424181 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 312.7 | Pg | 18:02:52.090 | 0.1 | | | | | T__ | | 86.2 | | --- | ML | 0.9 | 6424184 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 312.7 | Lg | 18:02:55.778 | -0.0 | | | | | T__ | | | | --- | | 6424185 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.27 | 39.5 | Pg | 18:02:52.388 | 0.4 | | | | | T__ | | 339.9 | | --- | ML | 1.6 | 6424183 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.27 | 39.5 | Lg | 18:02:57.007 | 1.0 | | | | | T__ | | | | --- | | 6424182 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.58 | 302.2 | Pg | 18:02:57.864 | 0.1 | | | | | T__ | | 224.1 | | --- | ML | 2.2 | 6424187 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.58 | 302.2 | Lg | 18:03:05.910 | 0.5 | | | | | T__ | | | | --- | | 6424186 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.62 | 3.9 | Pg | 18:02:58.162 | -0.3 | | | | | T__ | | 150.1 | | --- | ML | 2.0 | 6424188 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.62 | 3.9 | Lg | 18:03:07.065 | -0.2 | | | | | T__ | | | | --- | | 6424189 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.66 | 220.0 | Pg | 18:02:58.758 | -0.4 | | | | | T__ | | 111.5 | | --- | ML | 1.9 | 6424191 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.66 | 220.0 | Lg | 18:03:08.182 | 0.6 | | | | | T__ | | | | --- | | 6424190 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 332.0 | Pg | 18:02:59.540 | -0.2 | | | | | T__ | | 229.3 | | _d | ML | 2.2 | 6424192 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.70 | 332.0 | Lg | 18:03:08.611 | -0.8 | | | | | T__ | | | | --- | | 6424193 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/30 | 18:29:40.38 | 1.50 | 0.31 | 47.7625 | 16.1599 | 7.8 | 3.7 | 34 | 6.0 | 24.6 | 10 | 5 | 156 | 0.11 | 0.67 | ke | BUD | 17000774 | BUD | | | 176 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

ML 0.7 0.2 5 BUD 17000774

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 124.3 | Pg | 18:29:43.253 | 0.1 | | | | | T__ | | 56.3 | | --- | ML | 0.4 | 6424229 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 124.3 | Lg | 18:29:45.041 | -0.1 | | | | | T__ | | | | --- | | 6424230 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1 Station ML: 0.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 309.7 | Pg | 18:29:45.823 | -0.0 | | | | | T__ | | 38.2 | | --- | ML | 0.6 | 6424231 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 309.7 | Lg | 18:29:49.437 | -0.2 | | | | | T__ | | | | --- | | 6424232 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 106.3 | Pg | 18:29:46.158 | -0.0 | | | | | T__ | | 46.6 | | --- | ML | 0.7 | 6424234 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 106.3 | Lg | 18:29:50.033 | -0.2 | | | | | T__ | | | | --- | | 6424233 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 301.0 | Pg | 18:29:51.672 | -0.1 | | | | | T__ | | 64.6 | | --- | ML | 1.6 | 6424235 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 301.0 | Lg | 18:29:59.942 | 0.4 | | | | | T__ | | | | --- | | 6424236 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.67 | 220.4 | Pg | 18:29:53.013 | -0.4 | | | | | T__ | | 45.0 | | --- | ML | 1.5 | 6424238 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.67 | 220.4 | Lg | 18:30:02.251 | 0.4 | | | | | T__ | | | | --- | | 6424237 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/30 | 21:13:24.73 | 1.34 | 0.40 | 47.7570 | 16.1483 | 4.9 | 3.8 | 44 | 8.8 | 16.6 | 12 | 7 | 100 | 0.12 | 0.70 | ke | BUD | 17000776 | BUD | | | 191 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.6 | 6 BUD | 17000776 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 119.8 | Pg | 21:13:27.700 | -0.1 | | | | | T__ | | 56.5 | | --- | ML | 0.4 | 6424273 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 119.8 | Lg | 21:13:29.711 | -0.2 | | | | | T__ | | | | --- | | 6424274 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.4 magdef=1 Station ML: 0.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 311.7 | Pg | 21:13:30.401 | 0.1 | | | | | T__ | | 38.2 | | --- | ML | 0.6 | 6424276 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 311.7 | Lg | 21:13:34.088 | -0.0 | | | | | T__ | | | | --- | | 6424275 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.27 | 39.0 | Pg | 21:13:30.903 | 0.6 | | | | | T__ | | 234.1 | | --- | ML | 1.4 | 6424277 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.29 | 104.8 | Pg | 21:13:30.699 | -0.1 | | | | | T__ | | 48.6 | | --- | ML | 0.8 | 6424278 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.29 | 104.8 | Lg | 21:13:34.796 | -0.1 | | | | | T__ | | | | --- | | 6424279 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.62 | 3.5 | Lg | 21:13:45.394 | -0.2 | | | | | T__ | | | | --- | | 6424280 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| ARSA | 0.66 | 220.1 | Pg | 21:13:37.795 | 0.2 | | | | | T__ | | 46.0 | | --- | ML | 1.5 | 6424282 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.66 | 220.1 | Lg | 21:13:46.400 | 0.4 | | | | | T__ | | | | --- | | 6424281 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 331.7 | Pg | 21:13:37.870 | -0.3 | | | | | T__ | | 62.9 | | --- | ML | 1.7 | 6424283 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|----------------------------|----|--------------|------|-----|-------|--|--|--|--|--|--|--|--|---------|------|-----|---------|---------|---------|---------|------|------|------|------|------|-----|-----|---|
| MPLH | 0.30 | 297.4 | Lg | 08:12:58.139 | -0.8 | T__ | | | | | | | | | | 6425213 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | | | |
| | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.33 | 35.8 | Pg | 08:12:54.478 | 0.1 | T__ | 131.9 | | | | | | | | | | ML | 1.3 | 6425222 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| MSW2 | 0.33 | 35.8 | Lg | 08:12:59.778 | -0.7 | T__ | | | | | | | | | | | | | 6425221 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | | | |
| | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.37 | 21.2 | Lg | 08:13:01.305 | -0.6 | T__ | | | | | | | | | | | | | 6425223 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| A267A | 0.39 | 102.8 | Lg | 08:13:02.013 | -0.2 | T__ | | | | | | | | | | | | | 6425214 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| HU08A | 0.40 | 359.7 | Lg | 08:13:02.013 | -0.6 | T__ | | | | | | | | | | | | | 6425215 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| CSKK | 0.40 | 34.6 | Pg | 08:12:57.170 | 1.5 | T__ | 294.2 | | | | | | | | | | | | ML | 1.9 | 6425217 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CSKK | 0.40 | 34.6 | Lg | 08:13:02.087 | -0.8 | T__ | | | | | | | | | | | | | | 6425216 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.42 | 32.1 | Lg | 08:13:02.877 | -0.9 | T__ | | | | | | | | | | | | | | 6425224 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |
| KOVH | 0.95 | 172.7 | Lg | 08:13:19.447 | -0.1 | T__ | | | | | | | | | | | | | | 6425218 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |
| MORH | 0.96 | 148.6 | Pg | 08:13:06.259 | -0.1 | T__ | 30.4 | | | | | | | | | | | | | ML | 1.5 | 6425220 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.96 | 148.6 | Lg | 08:13:19.596 | -0.8 | T__ | | | | | | | | | | | | | | | 6425219 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/03/31 | 10:21:57.78 | 0.83 | 0.62 | 47.7704 | 16.1772 | 3.6 | 2.8 | 30 | 11.9 | 5.1 | 25 | 15 | 58 | 0.11 | 1.32 | ke | BUD | 17000782 | BUD | | | 90 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.3 | 9 BUD | 17000782 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | | |
|-------|------|----------------------------|-------|--------------|------|------|-------|------|------|-----|-------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|--|
| RONA | 0.11 | 131.3 | Pg | 10:22:00.614 | -0.4 | | | | | T__ | | 645.4 | | | _c_ ML | 1.4 | 6425635 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| RONA | 0.11 | 131.3 | Lg | 10:22:02.514 | -0.9 | | | | | T__ | | | | | | 6425636 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | | |
| | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.24 | 37.4 | Pg | 10:22:03.762 | 0.7 | | | | | T__ | 935.9 | | | | _ ML | 1.9 | 6425639 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| A004A | 0.24 | 37.4 | Lg | 10:22:07.766 | 1.0 | | | | | T__ | | | | | | 6425640 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 306.7 | Pg | 10:22:03.538 | -0.1 | | | | | T__ | 186.0 | | | | _ ML | 1.3 | 6425638 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| CONA | 0.26 | 306.7 | Lg | 10:22:07.282 | -0.4 | | | | | T__ | | | | | | 6425637 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | | |
| | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 108.6 | Pg | 10:22:03.445 | -0.2 | | | | | T__ | 356.0 | | | | _ ML | 1.6 | 6425642 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| SOP | 0.27 | 108.6 | Lg | 10:22:07.505 | -0.2 | | | | | T__ | | | | | | 6425641 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.60 | 299.8 | Pg | 10:22:09.424 | -0.0 | | | | | T__ | 476.2 | | | | _ ML | 2.5 | 6425643 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| A013A | 0.60 | 299.8 | Lg | 10:22:17.600 | 0.3 | | | | | T__ | | | | | | 6425644 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| | | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.60 | 1.8 | Lg | 10:22:18.755 | 0.5 | | | | | T__ | | | | | | 6425646 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| A260A | 0.60 | 143.5 | Lg | 10:22:18.457 | 0.3 | | | | | T__ | | | | | | 6425645 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| ARSA | 0.68 | 220.7 | Pg | 10:22:10.634 | -0.6 | | | | | T__ | 235.0 | | | | _ ML | 2.3 | 6425648 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| ARSA | 0.68 | 220.7 | Lg | 10:22:20.245 | 0.4 | | | | | T__ | | | | | | 6425647 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | | | |
| | | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A008A 0.69 329.7 Lg 10:22:20.022 -0.8 T__ --- 6425649 FDSN Z3 00 BUD iLoc HH2 ??? _
A018A 0.74 268.3 Pg 10:22:12.050 -0.3 T__ 112.0 --- ML 2.0 6425651 FDSN Z3 00 BUD iLoc HHZ HHZ _
A018A 0.74 268.3 Lg 10:22:22.629 0.9 T__ --- 6425650 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
EGYH 0.86 113.9 Lg 10:22:27.696 0.8 T__ --- 6425652 FDSN HU -- BUD iLoc HHN ??? _
MODS 0.95 50.3 Pg 10:22:16.744 -0.1 T__ --- 6425654 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.95 50.3 Lg 10:22:30.527 -0.4 T__ --- 6425653 FDSN SK -- BUD iLoc HHN ??? _
A001A 1.00 15.9 Pg 10:22:17.153 -0.2 T__ 98.2 --- ML 2.0 6425655 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.00 15.9 Lg 10:22:31.086 -0.7 T__ --- 6425656 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KRUC 1.30 6.3 Pn 10:22:21.251 0.1 T__ 81.8 --- ML 2.1 6425659 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.30 6.3 Sn 10:22:38.461 -0.0 T__ --- 6425658 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOGS 1.32 177.8 Lg 10:22:41.367 1.4 T__ --- 6425657 FDSN SL -- BUD iLoc BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/01 07:31:09.67 1.00 0.59 47.3596 18.2535 6.8 3.6 163 4.0f 7 4 153 0.01 0.09 ke BUD 17000786 BUD 231

```

```

Magnitude Err Nsta Author OrigID
ML 0.8 0.4 3 BUD 17000786

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
CSKK 0.01 53.6 Pg 07:31:10.855 0.2 T__ 334.5 --- ML 0.8 6427978 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.01 53.6 Lg 07:31:11.555 -0.2 T__ --- 6427979 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
MSW1 0.03 6.4 Pg 07:31:11.290 0.3 T__ 592.9 --- ML 1.2 6427977 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.03 6.4 Lg 07:31:11.877 -0.3 T__ --- 6427976 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MSW2 0.06 206.8 Lg 07:31:12.804 -0.3 T__ --- 6427980 FDSN HU -- BUD iLoc HHN ??? _
MSW3 0.09 285.2 Pg 07:31:12.256 0.4 T__ 98.8 --- ML 0.5 6427974 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.09 285.2 Lg 07:31:12.899 -0.9 T__ --- 6427975 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/01 08:23:49.80 3.89 0.61 47.9618 16.1455 34.4 4.7 27 0.0f 6 3 258 0.19 0.75 sx BUD 17000788 BUD 353

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.5 3 BUD 17000788

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
CONA 0.19 260.1 Pg 08:23:53.865 -0.0 T__ 195.7 --- ML 1.1 6428193 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.19 260.1 Lg 08:23:56.100 -0.6 T__ --- 6428194 FDSN OE -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
RONA 0.28 158.8 Pg 08:23:55.746 0.1 T__ 55.3 ___ ML 0.8 6428197 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.28 158.8 Lg 08:23:59.453 -0.2 T__ ___ 6428192 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
A018A 0.75 253.5 Pg 08:24:04.817 0.4 T__ 35.0 ___ ML 1.5 6428196 FDSN Z3 00 BUD iLoc HHZ HHZ _
A018A 0.75 253.5 Lg 08:24:14.503 0.7 T__ ___ 6428195 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/01 08:54:54.03 1.03 0.71 46.1448 18.3066 10.9 3.7 158 0.0f 5 3 175 0.15 0.38 kx BUD 17000790 BUD 282
2021/04/01 08:54:54.08 1.01 0.69 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 17000791 BUD_GT 275
(locality : Komló Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 08:54:57.837 -0.1 T__ 513.4 ___ ML 1.5 6428217 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 08:55:00.892 -0.1 T__ ___ 6428218 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.25 80.9 Pg 08:54:59.849 0.3 T__ 187.9 ___ ML 1.3 6428220 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 08:55:02.978 -1.0 T__ ___ 6428219 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A266A 0.35 356.8 Lg 08:55:08.342 0.9 T__ ___ 6428221 FDSN Z3 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/01 11:19:19.12 1.77 0.52 47.8896 20.1429 19.5 3.7 158 0.0f 8 5 219 0.17 0.66 sx BUD 17000792 BUD 243

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 3 BUD 17000792

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.17 279.9 Pg 11:19:23.741 0.4 T__ 360.2 ___ ML 1.3 6429194 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.17 279.9 Lg 11:19:26.125 -0.7 T__ ___ 6429195 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ET1H 0.18 266.8 Pg 11:19:23.741 0.3 T__ 304.7 ___ ML 1.3 6429197 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.18 266.8 Lg 11:19:26.572 -0.3 T__ ___ 6429196 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.35 47.6 Pg 11:19:26.829 0.1 T__ 62.5 ___ ML 1.1 6429198 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.35 47.6 Lg 11:19:32.235 -0.4 T__ ___ 6429193 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU03A 0.37 272.4 Lg 11:19:32.342 -0.6 T__ ___ 6429199 FDSN ZJ 00 BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
|------------|-------------|-------|--------|----------------------------|-----------|----------------------------|-------|------|-------|-----|------|-------|-----|-------|-----------|---------|---------|----------|-----|-------|------|----------------|-----|-----|---|
| JOS | 0.66 | 23.5 | Lg | 11:19:42.698 | 0.2 | | | | | T__ | | | | | | | 6429200 | FDSN | ZJ | -- | BUD | iLoc HHN ??? _ | | | |
| 2021/04/02 | 00:01:02.27 | 0.88 | 1.28 | 46.1019 | 16.9973 | 5.4 | 3.9 | 20 | 12.0f | | 35 | 21 | 147 | 0.21 | 1.56 | ke | BUD | 17000794 | BUD | | | 229 | | | |
| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
| ML | 2.0 | 0.2 | 15 | BUD | 17000794 | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| A264A | 0.21 | 74.0 | Pg | 00:01:06.004 | -1.2 | | | | | T__ | | 851.5 | | | ML | 1.8 | 6432746 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.21 | 74.0 | Lg | 00:01:09.692 | -0.9 | | | | | T__ | | | | | | 6432745 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.40 | 337.4 | Pg | 00:01:10.064 | -0.5 | | | | | T__ | | 200.8 | | | ML | 1.7 | 6432747 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.40 | 337.4 | Lg | 00:01:16.248 | -0.1 | | | | | T__ | | | | | | 6432748 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A263A | 0.58 | 22.1 | Pg | 00:01:14.087 | 0.2 | | | | | T__ | | 372.8 | | | ML | 2.4 | 6432750 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.58 | 22.1 | Lg | 00:01:21.985 | 0.0 | | | | | T__ | | | | | | 6432751 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.4 magdef=1) | | (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A273A | 0.60 | 107.7 | Pg | 00:01:14.534 | 0.3 | | | | | T__ | | 143.6 | | | ML | 2.0 | 6432749 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.60 | 107.7 | Lg | 00:01:22.622 | 0.5 | | | | | T__ | | | | | | 6432765 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A265A | 0.64 | 59.5 | Pg | 00:01:14.981 | -0.1 | | | | | T__ | | 290.4 | | | ML | 2.3 | 6432753 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.64 | 59.5 | Lg | 00:01:22.990 | -0.8 | | | | | T__ | | | | | | 6432752 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.3 magdef=1) | | (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.74 | 255.2 | Pg | 00:01:16.811 | 0.0 | | | | | T__ | | 41.9 | | | ML | 1.5 | 6432767 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.74 | 255.2 | Lg | 00:01:27.353 | -0.1 | | | | | T__ | | | | | | 6432766 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.77 | 90.6 | Pg | 00:01:16.658 | -0.8 | | | | | T__ | | 117.2 | | | ML | 2.0 | 6432754 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.77 | 90.6 | Lg | 00:01:27.316 | -0.3 | | | | | T__ | | | | | | 6432768 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A262A | 0.83 | 337.1 | Pn | 00:01:19.414 | 0.7 | | | | | T__ | | 142.1 | | | ML | 2.1 | 6432755 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.1 magdef=1) | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A261A | 0.86 | 6.9 | Pn | 00:01:18.632 | -0.3 | | | | | T__ | | 101.9 | | | ML | 2.0 | 6432756 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.86 | 6.9 | Lg | 00:01:31.004 | 0.6 | | | | | T__ | | | | | | 6432769 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A266A | 0.98 | 63.8 | Pn | 00:01:20.569 | 0.1 | | | | | T__ | | 131.5 | | | ML | 2.2 | 6432757 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A266A | 0.98 | 63.8 | Sn | 00:01:34.245 | -0.2 | | | | | T__ | | | | | | 6432770 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.2 magdef=1) | | (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TIH | 1.01 | 37.5 | Pn | 00:01:20.644 | -0.3 | | | | | T__ | | 200.6 | | | ML | 2.4 | 6432758 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 1.01 | 37.5 | Sn | 00:01:36.215 | 1.0 | | | | | T__ | | | | | | 6432759 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.4 magdef=1) | | (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MPLH | 1.13 | 19.1 | Pn | 00:01:22.175 | -0.6 | T__ | 40.4 | --- | ML | 1.7 | 6432772 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.13 | 19.1 | Sn | 00:01:39.567 | 1.3 | T__ | | --- | | | 6432761 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MORH | 1.15 | 83.8 | Pn | 00:01:21.914 | -0.8 | T__ | 26.7 | --- | ML | 1.6 | 6432771 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.15 | 83.8 | Sn | 00:01:38.971 | 0.4 | T__ | | --- | | | 6432760 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A267A | 1.33 | 50.0 | Sn | 00:01:45.453 | 2.4 | T__ | | --- | | | 6432762 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| EGYH | 1.34 | 9.8 | Lg | 00:01:45.793 | 0.1 | T__ | | --- | | | 6432773 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MSW2 | 1.46 | 34.4 | Pg | 00:01:30.489 | 0.4 | T__ | 26.5 | --- | ML | 1.7 | 6432776 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 1.46 | 34.4 | Sn | 00:01:48.705 | 2.2 | T__ | | --- | | | 6432775 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU08A | 1.47 | 25.3 | Sn | 00:01:48.413 | 1.8 | T__ | | --- | | | 6432777 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| MSW3 | 1.50 | 30.8 | Sn | 00:01:49.972 | 2.7 | T__ | | --- | | | 6432778 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| A272A | 1.51 | 64.0 | Sn | 00:01:50.221 | 2.8 | T__ | | --- | | | 6432763 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| CSKK | 1.53 | 34.1 | Pn | 00:01:30.259 | 2.0 | T__ | 44.1 | --- | ML | 2.0 | 6432774 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 1.53 | 34.1 | Sn | 00:01:50.668 | 2.4 | T__ | | --- | | | 6432764 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW1 | 1.56 | 33.4 | Sn | 00:01:51.043 | 2.2 | T__ | | --- | | | 6432779 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/02 | 06:23:31.72 | 1.10 | 0.40 | 47.7951 | 16.1936 | 6.8 | 3.8 | 29 | 10.3 | 11.5 | 14 | 9 | 98 | 0.12 | 1.27 | ke | BUD | 17000798 | BUD | | | 128 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.6 | 6 BUD | 17000798 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 144.0 | Pg | 06:23:34.858 | -0.1 | | | | | T__ | | 80.4 | | _c_ | ML | 0.5 | 6433445 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 144.0 | Lg | 06:23:36.860 | -0.4 | | | | | T__ | | | | --- | | 6433440 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 300.9 | Pg | 06:23:37.615 | 0.2 | | | | | T__ | | 52.1 | | --- | ML | 0.7 | 6433446 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 300.9 | Lg | 06:23:41.256 | -0.1 | | | | | T__ | | | | --- | | 6433439 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 114.3 | Pg | 06:23:37.903 | 0.4 | | | | | T__ | | 50.4 | | --- | ML | 0.8 | 6433441 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| AO13A | 0.59 | 297.2 | Pg | 06:23:43.305 | -0.0 | | | | | T__ | | 56.2 | | --- | ML | 1.6 | 6433443 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| AO13A | 0.59 | 297.2 | Lg | 06:23:51.389 | 0.2 | | | | | T__ | | | | --- | | 6433444 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| AO08A | 0.68 | 327.9 | Pg | 06:23:44.711 | -0.1 | | | | | T__ | | 70.3 | | --- | ML | 1.7 | 6433447 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| AO08A | 0.68 | 327.9 | Lg | 06:23:54.071 | -0.1 | | | | | T__ | | | | --- | | 6433442 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.71 | 220.1 | Lg | 06:23:54.322 | -0.3 | | | | | T__ | | | | --- | | 6433448 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| AO18A | 0.75 | 266.5 | Lg | 06:23:55.831 | -0.2 | | | | | T__ | | | | --- | | 6433449 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| AO01A | 0.97 | 15.7 | Lg | 06:24:04.622 | -0.3 | | | | | T__ | | | | --- | | 6433450 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |

KRUC 1.27 6.0 Pn 06:23:55.458 0.5 T__ 30.2 ___ ML 1.7 6433452 FDSN CZ -- BUD iLoc HHZ HHZ _
 KRUC 1.27 6.0 Sn 06:24:12.892 0.8 T__ ___ 6433451 FDSN CZ -- BUD iLoc HHE ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/04/02 07:40:13.00 1.11 0.82 47.7502 16.1544 5.4 3.6 30 9.6 11.9 16 10 103 0.11 1.63 ke BUD 17000800 BUD 184

Magnitude Err Nsta Author OrigID
 ML 1.4 0.6 6 BUD 17000800

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
 RONA 0.11 117.7 Pg 07:40:15.998 -0.0 T__ 232.3 _c ML 1.0 6433503 FDSN OE -- BUD iLoc HHZ HHZ _
 RONA 0.11 117.7 Lg 07:40:17.898 -0.3 T__ ___ 6433493 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 1.0 magdef=1
 (Station ML: 1.0 magdef=1
 CONA 0.27 312.2 Pg 07:40:18.792 0.1 T__ 84.3 ___ ML 1.0 6433496 FDSN OE -- BUD iLoc HHZ HHZ _
 CONA 0.27 312.2 Lg 07:40:22.442 -0.2 T__ ___ 6433495 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 1.0 magdef=1
 (Station ML: 1.0 magdef=1
 A004A 0.27 37.4 Lg 07:40:23.672 1.1 T__ ___ 6433494 FDSN Z3 00 BUD iLoc HHN ??? _
 SOP 0.28 103.6 Pg 07:40:18.834 -0.1 T__ 57.3 ___ ML 0.8 6433504 FDSN HU -- BUD iLoc HHZ HHZ _
 SOP 0.28 103.6 Lg 07:40:23.001 -0.0 T__ ___ 6433497 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 0.8 magdef=1
 (Station ML: 0.8 magdef=0
 A013A 0.59 302.2 Pg 07:40:24.603 0.0 T__ 165.3 ___ ML 2.0 6433499 FDSN Z3 00 BUD iLoc HHZ HHZ _
 A013A 0.59 302.2 Lg 07:40:32.612 0.3 T__ ___ 6433498 FDSN Z3 00 BUD iLoc HHN ??? _
 (Reading ML: 2.0 magdef=1
 (Station ML: 2.0 magdef=0
 ARSA 0.66 220.8 Pg 07:40:25.745 -0.1 T__ 74.9 ___ ML 1.7 6433505 FDSN OE -- BUD iLoc HHZ HHZ _
 ARSA 0.66 220.8 Lg 07:40:34.884 0.7 T__ ___ 6433500 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1
 A008A 0.70 331.6 Lg 07:40:35.393 -0.9 T__ ___ 6433506 FDSN Z3 00 BUD iLoc HH2 ??? _
 MODS 0.98 50.0 Sn 07:40:44.495 -2.1 T__ ___ 6433501 FDSN SK -- BUD iLoc HHN ??? _
 KRUC 1.32 6.9 Pn 07:40:36.673 -0.3 T__ 46.1 ___ ML 1.9 6433502 FDSN CZ -- BUD iLoc HHZ HHZ _
 KRUC 1.32 6.9 Sn 07:40:54.056 -0.6 T__ ___ 6433507 FDSN CZ -- BUD iLoc HHN ??? _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1
 CKRC 1.63 311.7 Sn 07:41:03.182 0.6 T__ ___ 6433508 FDSN CZ -- BUD iLoc HHE ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/04/02 12:36:46.23 1.17 1.00 48.0026 19.6763 7.2 3.8 146 10.0f 10 6 201 0.11 0.76 ke BUD 17000802 BUD 275

Magnitude Err Nsta Author OrigID
 ML 0.8 0.7 4 BUD 17000802

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
 HU03A 0.11 207.5 Pg 12:36:49.465 0.1 T__ 301.0 ___ ML 1.1 6433626 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU03A 0.11 207.5 Lg 12:36:51.588 -0.1 T__ ___ 6433627 FDSN ZJ 00 BUD iLoc HHN ??? _

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(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.17 119.8 Pg 12:36:51.029 0.4 T__ 44.1 ___ ML 0.4 6433622 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.17 119.8 Lg 12:36:54.531 0.5 T__ ___ 6433623 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
ET1H 0.18 133.2 Pg 12:36:51.029 0.4 T__ 24.4 ___ ML 0.2 6433625 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.18 133.2 Lg 12:36:54.307 0.4 T__ ___ 6433624 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1
TENKA 0.57 127.4 Lg 12:37:05.049 -1.6 T__ ___ 6433629 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.58 77.8 Lg 12:37:05.406 -1.8 T__ ___ 6433630 FDSN ZJ 00 BUD iLoc HHE ??? _
JOS 0.76 49.1 Pg 12:37:01.243 -0.1 T__ 37.9 ___ ML 1.5 6433628 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.76 49.1 Lg 12:37:12.949 0.7 T__ ___ 6433631 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/02 20:12:12.38 0.71 0.79 47.7764 16.1681 3.0 2.5 49 8.4 0.7 76 40 46 0.12 2.30 ke BUD 17000804 BUD 77

```

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Magnitude Err Nsta Author OrigID
ML 2.3 0.2 35 BUD 17000804

```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 131.5 Pg 20:12:15.271 -0.1 T__ 1783.5 _d ML 1.9 6433837 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 131.5 Lg 20:12:17.171 -0.4 T__ ___ 6433838 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
A004A 0.24 39.5 Pg 20:12:17.860 0.4 T__ 1356.9 ___ ML 2.1 6433841 FDSN Z3 00 BUD iLoc HHZ HHZ _
A004A 0.24 39.5 Lg 20:12:23.541 2.5 T__ ___ 6433842 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CONA 0.26 306.5 Pg 20:12:17.805 -0.1 T__ 481.7 ___ ML 1.7 6433839 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 306.5 Lg 20:12:21.641 -0.0 T__ ___ 6433840 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
SOP 0.28 109.3 Pg 20:12:18.140 -0.1 T__ 455.1 ___ ML 1.7 6433843 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 109.3 Lg 20:12:21.858 -0.4 T__ ___ 6433867 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
A013A 0.59 299.6 Pg 20:12:23.728 -0.1 T__ 854.4 ___ ML 2.8 6433844 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.59 299.6 Lg 20:12:31.662 0.1 T__ ___ 6433845 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
A005B 0.60 2.4 Pg 20:12:24.361 0.3 T__ 1068.6 ___ ML 2.9 6433848 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 0.60 2.4 Lg 20:12:32.556 0.0 T__ ___ 6433849 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
A260A 0.61 143.4 Pg 20:12:24.361 -0.3 T__ 237.5 ___ ML 2.2 6433847 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.61 143.4 Lg 20:12:32.705 -0.3 T__ ___ 6433846 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

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|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| A002B | 0.65 | 25.8 | Pg | 20:12:26.577 | 1.3 | T__ | 390.2 | ___ | ML | 2.5 | 6433853 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A002B | 0.65 | 25.8 | Lg | 20:12:36.468 | 1.7 | T__ | | --- | | | 6433852 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.68 | 220.0 | Pg | 20:12:24.957 | -0.8 | T__ | 544.9 | ___ | ML | 2.6 | 6433851 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.68 | 220.0 | Lg | 20:12:33.823 | -0.6 | T__ | | --- | | | 6433850 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 329.9 | Pg | 20:12:25.423 | -0.2 | T__ | 782.3 | _d_ | ML | 2.8 | 6433855 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 329.9 | Lg | 20:12:34.531 | -0.5 | T__ | | --- | | | 6433854 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A018A | 0.74 | 267.9 | Pg | 20:12:26.440 | -0.3 | T__ | 245.2 | ___ | ML | 2.3 | 6433868 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.87 | 114.1 | Pg | 20:12:29.651 | 0.1 | T__ | 204.0 | ___ | ML | 2.3 | 6433856 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.87 | 114.1 | Lg | 20:12:41.385 | -0.6 | T__ | | --- | | | 6433857 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A262A | 0.94 | 164.9 | Pn | 20:12:30.761 | -0.3 | T__ | 313.3 | ___ | ML | 2.5 | 6433869 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.94 | 164.9 | Sn | 20:12:43.874 | -0.7 | T__ | | --- | | | 6433870 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.95 | 50.8 | Pg | 20:12:30.471 | -1.0 | T__ | | --- | | | 6433858 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.95 | 50.8 | Lg | 20:12:44.545 | -1.2 | T__ | | --- | | | 6433873 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| A006A | 0.97 | 354.2 | Pg | 20:12:30.463 | -0.7 | T__ | 425.4 | --- | ML | 2.7 | 6433872 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A006A | 0.97 | 354.2 | Lg | 20:12:43.576 | -1.7 | T__ | | --- | | | 6433871 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A001A | 0.99 | 16.3 | Pg | 20:12:31.663 | -0.2 | T__ | 186.2 | ___ | ML | 2.3 | 6433859 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 0.99 | 16.3 | Lg | 20:12:45.745 | -0.7 | T__ | | --- | | | 6433860 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A339A | 1.00 | 86.4 | Pn | 20:12:32.241 | 0.4 | T__ | 197.9 | ___ | ML | 2.4 | 6433876 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A339A | 1.00 | 86.4 | Sn | 20:12:47.202 | 0.8 | T__ | | --- | | | 6433877 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.11 | 122.6 | Pn | 20:12:33.183 | -0.1 | T__ | 71.7 | ___ | ML | 2.0 | 6433874 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.11 | 122.6 | Sn | 20:12:48.762 | -0.1 | T__ | | --- | | | 6433861 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A337A | 1.19 | 66.1 | Pn | 20:12:34.793 | 0.4 | T__ | 192.9 | ___ | ML | 2.4 | 6433863 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A337A | 1.19 | 66.1 | Sn | 20:12:51.556 | 0.5 | T__ | | --- | | | 6433862 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU08A | 1.24 | 105.6 | Pn | 20:12:35.865 | 0.9 | T__ | 92.5 | ___ | ML | 2.2 | 6433875 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 1.24 | 105.6 | Sn | 20:12:52.636 | 0.6 | T__ | | --- | | | 6433864 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.30 | 6.6 | Pn | 20:12:35.687 | -0.4 | T__ | 290.1 | ___ | ML | 2.7 | 6433866 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.30 | 6.6 | Sn | 20:12:52.822 | -0.8 | T__ | | --- | | | 6433865 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | |

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|-------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KOGS | 1.33 | 177.5 | Pg | 20:12:37.934 | 0.2 | T__ | 84.0 | --- | ML | 2.2 | 6433878 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 1.33 | 177.5 | Lg | 20:12:55.954 | 0.9 | T__ | | --- | | | 6433879 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| MSW3 | 1.38 | 105.8 | Pg | 20:12:39.204 | -0.1 | T__ | 46.2 | --- | ML | 1.9 | 6433881 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 1.38 | 105.8 | Lg | 20:12:58.588 | -0.0 | T__ | | --- | | | 6433880 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| SR0 | 1.45 | 87.7 | Pg | 20:12:39.910 | -0.7 | T__ | 284.8 | --- | ML | 2.8 | 6433882 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SR0 | 1.45 | 87.7 | Lg | 20:13:00.847 | -0.2 | T__ | | --- | | | 6433883 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| MSW2 | 1.46 | 108.2 | Lg | 20:13:00.988 | -0.3 | T__ | | --- | | | 6433884 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MSW1 | 1.47 | 104.4 | Lg | 20:13:01.129 | -0.4 | T__ | | --- | | | 6433885 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| JAVC | 1.48 | 42.2 | Pg | 20:12:40.804 | -0.7 | T__ | 77.0 | --- | ML | 2.2 | 6433886 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.48 | 42.2 | Sn | 20:12:59.812 | 0.8 | T__ | | --- | | | 6433887 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| A338A | 1.49 | 80.0 | Pg | 20:12:41.510 | -0.1 | T__ | 115.9 | --- | ML | 2.4 | 6433889 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A338A | 1.49 | 80.0 | Lg | 20:13:01.976 | -0.6 | T__ | | --- | | | 6433888 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| HU09A | 1.50 | 94.5 | Pg | 20:12:41.180 | -0.5 | T__ | 73.8 | --- | ML | 2.2 | 6433890 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 1.50 | 94.5 | Sn | 20:12:59.953 | 1.2 | T__ | | --- | | | 6433891 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.56 | 10.3 | Pn | 20:12:39.439 | -0.4 | T__ | 32.7 | --- | ML | 1.9 | 6433893 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 1.56 | 10.3 | Sn | 20:12:59.623 | -0.5 | T__ | | --- | | | 6433892 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| TREC | 1.59 | 343.7 | Pn | 20:12:40.427 | 0.2 | T__ | 236.0 | --- | ML | 2.8 | 6433894 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| TREC | 1.59 | 343.7 | Sn | 20:13:01.741 | 1.3 | T__ | | --- | | | 6433895 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.62 | 310.8 | Pn | 20:12:41.180 | 0.4 | T__ | 215.0 | --- | ML | 2.7 | 6433897 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.62 | 310.8 | Sn | 20:13:01.835 | -0.1 | T__ | | --- | | | 6433896 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.68 | 221.7 | Pg | 20:12:44.333 | 0.8 | T__ | 47.9 | --- | ML | 2.1 | 6433898 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.68 | 221.7 | Lg | 20:13:06.351 | 0.1 | T__ | | --- | | | 6433899 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| PTJ | 1.88 | 184.3 | Pg | 20:12:48.002 | 0.6 | T__ | 48.4 | --- | ML | 2.2 | 6433901 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 1.88 | 184.3 | Lg | 20:13:13.362 | 0.5 | T__ | | --- | | | 6433900 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.93 | 67.1 | Pn | 20:12:44.427 | -0.3 | T__ | 18.3 | --- | ML | 1.8 | 6433902 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.93 | 67.1 | Pg | 20:12:48.755 | -1.3 | T__ | | --- | | | 6433903 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| VYHS | 1.93 | 67.1 | Lg | 20:13:16.890 | 0.3 | T__ | | --- | | | 6433904 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| A331A | 1.94 | 44.1 | Sn | 20:13:11.338 | 1.3 | T__ | | --- | | | 6433905 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| CRES | 2.01 | 194.3 | Lg | 20:13:18.302 | 1.3 | T__ | | --- | | | 6433906 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ |

KOVH 2.15 141.2 Pn 20:12:48.567 1.2 T__ 27.0 ___ ML 2.1 6433908 FDSN HU -- BUD iLoc HHZ HHZ _
 KOVH 2.15 141.2 Lg 20:13:21.219 0.5 T__ ___ 6433907 FDSN HU -- BUD iLoc HHE ??? _
 (Reading ML: 2.1 magdef=1
 (Station ML: 2.1 magdef=1
 MORC 2.20 23.9 Pn 20:12:49.037 0.2 T__ 60.5 ___ ML 2.5 6433909 FDSN CZ -- BUD iLoc HHZ HHZ _
 MORC 2.20 23.9 Sn 20:13:17.737 1.2 T__ ___ 6433910 FDSN CZ -- BUD iLoc HHE ??? _
 (Reading ML: 2.5 magdef=1
 (Station ML: 2.5 magdef=1
 MORH 2.30 131.8 Pn 20:12:50.449 1.0 T__ 23.5 ___ ML 2.2 6433911 FDSN HU -- BUD iLoc HHZ HHZ _
 MORH 2.30 131.8 Lg 20:13:28.841 2.1 T__ ___ 6433912 FDSN HU -- BUD iLoc HHE ??? _
 (Reading ML: 2.2 magdef=1
 (Station ML: 2.2 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/03 | 02:24:26.86 | 1.04 | 0.35 | 47.7588 | 16.1707 | 6.6 | 4.1 | 38 | 12.8 | 7.5 | 10 | 5 | 135 | 0.10 | 0.70 | ke | BUD | 17000806 | BUD | | | 184 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.2 | 5 BUD | 17000806 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.10 | 124.8 | Pg | 02:24:30.203 | 0.0 | | | | | T__ | | 74.4 | | _d_ | ML | 0.5 | 6434870 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.10 | 124.8 | Lg | 02:24:31.935 | -0.6 | | | | | T__ | | | | --- | | 6434871 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 309.3 | Pg | 02:24:33.108 | 0.3 | | | | | T__ | | 74.5 | | --- | ML | 0.9 | 6434873 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 309.3 | Lg | 02:24:36.927 | -0.0 | | | | | T__ | | | | --- | | 6434872 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 106.0 | Pg | 02:24:33.183 | 0.3 | | | | | T__ | | 95.1 | | --- | ML | 1.0 | 6434874 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.27 | 106.0 | Lg | 02:24:36.964 | 0.0 | | | | | T__ | | | | --- | | 6434875 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.67 | 221.0 | Pg | 02:24:40.112 | 0.1 | | | | | T__ | | 105.5 | | --- | ML | 1.9 | 6434877 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.67 | 221.0 | Lg | 02:24:48.568 | -0.1 | | | | | T__ | | | | --- | | 6434876 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 330.5 | Pg | 02:24:40.521 | 0.1 | | | | | T__ | | 72.4 | | --- | ML | 1.8 | 6434878 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.70 | 330.5 | Lg | 02:24:49.760 | -0.4 | | | | | T__ | | | | --- | | 6434879 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/03 | 06:59:15.52 | 1.02 | 0.36 | 47.7670 | 16.1689 | 5.0 | 3.2 | 22 | 10.9 | 8.5 | 15 | 8 | 92 | 0.11 | 0.96 | ke | BUD | 17000808 | BUD | | | 172 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.5 | 6 BUD | 17000808 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 128.0 | Pg | 06:59:18.718 | 0.0 | | | | | T__ | | 440.0 | | --- | ML | 1.2 | 6436396 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 128.0 | Lg | 06:59:20.488 | -0.5 | | | | | T__ | | | | --- | | 6436397 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CONA 0.26 308.1 Pg 06:59:21.177 -0.1 T__ 74.3 ___ ML 0.9 6436399 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 308.1 Lg 06:59:25.312 0.1 T__ ___ 6436398 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
SOP 0.28 107.5 Pg 06:59:21.624 0.2 T__ 118.3 ___ ML 1.1 6436400 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 107.5 Lg 06:59:25.703 0.2 T__ ___ 6436401 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A013A 0.59 300.3 Pg 06:59:27.175 0.0 T__ 140.1 ___ ML 2.0 6436403 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.59 300.3 Lg 06:59:35.091 0.2 T__ ___ 6436402 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A005B 0.61 2.3 Lg 06:59:36.599 0.5 T__ ___ 6436404 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.68 220.5 Pg 06:59:28.702 -0.1 T__ 75.4 ___ ML 1.8 6436406 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.68 220.5 Lg 06:59:37.568 0.2 T__ ___ 6436405 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A008A 0.69 330.3 Pg 06:59:28.851 -0.1 T__ 168.6 ___ ML 2.1 6436407 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 330.3 Lg 06:59:38.313 -0.2 T__ ___ 6436408 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
MODS 0.96 50.4 Pg 06:59:35.072 0.3 T__ ___ 6436410 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.96 50.4 Lg 06:59:48.147 -0.8 T__ ___ 6436409 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/03 13:35:48.59 1.02 0.22 47.7842 16.2050 9.5 3.9 35 9.0f 6 4 170 0.10 0.71 ke BUD 17000810 BUD 251

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.10 143.9 Pg 13:35:51.495 0.0 T__ 48.9 ___ ML 0.3 6436437 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.10 143.9 Lg 13:35:53.302 -0.3 T__ ___ 6436438 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=1
SOP 0.26 112.8 Lg 13:35:58.070 0.2 T__ ___ 6436441 FDSN HU -- BUD iLoc HHN ??? _
CONA 0.27 302.1 Pg 13:35:54.494 0.1 T__ 37.5 ___ ML 0.6 6436439 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.27 302.1 Lg 13:35:58.256 -0.2 T__ ___ 6436440 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
ARSA 0.71 221.1 Lg 13:36:11.434 0.1 T__ ___ 6436442 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/04 03:53:42.36 0.96 0.28 48.0114 20.1790 13.0 3.0 145 10.0f 8 4 173 0.21 0.54 ke BUD 17000814 BUD 211

```

Magnitude Err Nsta Author OrigID
ML 0.7 0.1 4 BUD 17000814

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| PSZ | 0.21 | 244.1 | Pg | 03:53:47.756 | 0.2 | T__ | 62.3 | ___ | ML | 0.7 | 6438915 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.21 | 244.1 | Lg | 03:53:51.407 | -0.1 | T__ | | --- | | | 6438914 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.25 | 237.5 | Pg | 03:53:48.203 | 0.2 | T__ | 51.7 | ___ | ML | 0.7 | 6438916 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.25 | 237.5 | Lg | 03:53:51.668 | -0.5 | T__ | | --- | | | 6438917 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.26 | 64.3 | Pg | 03:53:48.352 | 0.1 | T__ | 34.2 | ___ | ML | 0.5 | 6438912 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.26 | 64.3 | Lg | 03:53:52.562 | -0.2 | T__ | | --- | | | 6438913 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JOS | 0.54 | 26.3 | Pg | 03:53:53.344 | 0.1 | T__ | 48.1 | ___ | ML | 1.5 | 6438911 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.54 | 26.3 | Lg | 03:54:01.055 | -0.2 | T__ | | --- | | | 6438918 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/04 | 18:34:19.07 | 0.74 | 0.79 | 47.7862 | 16.1685 | 3.8 | 2.7 | 64 | 9.0 | 5.7 | 53 | 33 | 83 | 0.12 | 2.31 | ke | BUD | 17000816 | BUD | | | 89 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.5 | 0.1 | 27 BUD | 17000816 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 135.0 | Pg | 18:34:22.026 | -0.2 | | | | | T__ | | 2473.6 | | ___ | ML | 2.0 | 6439013 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 135.0 | Lg | 18:34:23.972 | -0.5 | | | | | T__ | | | | --- | | 6439014 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.23 | 40.9 | Pg | 18:34:24.726 | 0.7 | | | | | T__ | | 4603.8 | | ___ | ML | 2.6 | 6439027 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.23 | 40.9 | Lg | 18:34:29.646 | 2.1 | | | | | T__ | | | | --- | | 6439028 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.25 | 304.7 | Pg | 18:34:24.494 | -0.0 | | | | | T__ | | 750.7 | | ___ | ML | 1.9 | 6439015 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.25 | 304.7 | Lg | 18:34:28.194 | -0.1 | | | | | T__ | | | | --- | | 6439029 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 111.2 | Pg | 18:34:24.848 | -0.2 | | | | | T__ | | 630.5 | | ___ | ML | 1.9 | 6439017 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 111.2 | Lg | 18:34:28.703 | -0.4 | | | | | T__ | | | | --- | | 6439016 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.59 | 2.4 | Pg | 18:34:31.208 | 0.6 | | | | | T__ | | 1428.8 | | _d_ | ML | 3.0 | 6439020 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.59 | 2.4 | Lg | 18:34:39.481 | 0.5 | | | | | T__ | | | | --- | | 6439030 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.62 | 143.9 | Pg | 18:34:31.134 | -0.4 | | | | | T__ | | 338.8 | | _d_ | ML | 2.4 | 6439018 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.62 | 143.9 | Lg | 18:34:39.518 | -0.4 | | | | | T__ | | | | --- | | 6439031 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.68 | 329.5 | Pg | 18:34:32.177 | 0.0 | | | | | T__ | | 1402.0 | | _d_ | ML | 3.0 | 6439021 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.68 | 329.5 | Lg | 18:34:41.269 | -0.2 | | | | | T__ | | | | --- | | 6439033 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ARSA | 0.69 | 219.5 | Pg | 18:34:31.581 | -1.0 | T__ | 1035.4 | ___ | ML | 2.9 | 6439019 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.69 | 219.5 | Lg | 18:34:41.194 | -0.1 | T__ | | --- | | | 6439032 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.87 | 114.7 | Pg | 18:34:36.442 | 0.1 | T__ | 264.4 | _d_ | ML | 2.4 | 6439022 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.87 | 114.7 | Lg | 18:34:47.974 | -0.8 | T__ | | --- | | | 6439034 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.95 | 51.3 | Pg | 18:34:37.262 | -0.8 | T__ | | --- | | | 6439024 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.95 | 51.3 | Lg | 18:34:50.880 | -1.3 | T__ | | --- | | | 6439036 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| A262A | 0.95 | 165.0 | Pn | 18:34:38.361 | 0.5 | T__ | 370.9 | --- | ML | 2.6 | 6439023 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.95 | 165.0 | Sn | 18:34:51.066 | -0.3 | T__ | | --- | | | 6439035 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A006A | 0.96 | 354.1 | Pg | 18:34:37.243 | -0.5 | T__ | 406.4 | --- | ML | 2.6 | 6439025 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A006A | 0.96 | 354.1 | Lg | 18:34:50.247 | -1.4 | T__ | | --- | | | 6439037 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A001A | 0.98 | 16.5 | Pg | 18:34:38.230 | -0.1 | T__ | 169.2 | _d_ | ML | 2.3 | 6439026 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 0.98 | 16.5 | Lg | 18:34:51.960 | -0.9 | T__ | | --- | | | 6439038 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A339A | 1.00 | 87.0 | Sn | 18:34:52.482 | -0.5 | T__ | | --- | | | 6439039 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| A261A | 1.07 | 141.0 | Pg | 18:34:39.891 | -0.1 | T__ | 218.2 | --- | ML | 2.4 | 6439041 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 1.07 | 141.0 | Lg | 18:34:54.084 | -0.0 | T__ | | --- | | | 6439040 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.29 | 6.7 | Pn | 18:34:42.461 | -0.2 | T__ | 182.6 | _d_ | ML | 2.5 | 6439042 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.29 | 6.7 | Sn | 18:34:59.858 | -0.1 | T__ | | --- | | | 6439043 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOGS | 1.34 | 177.6 | Pg | 18:34:44.882 | 0.3 | T__ | 246.5 | --- | ML | 2.6 | 6439044 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 1.34 | 177.6 | Sn | 18:35:01.273 | 0.5 | T__ | | --- | | | 6439045 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A263A | 1.39 | 145.3 | Lg | 18:35:04.766 | 0.8 | T__ | | --- | | | 6439046 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| JAVC | 1.47 | 42.5 | Pn | 18:34:46.364 | 1.0 | T__ | 144.3 | --- | ML | 2.5 | 6439047 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU09A | 1.50 | 94.8 | Sn | 18:35:06.778 | 1.4 | T__ | | --- | | | 6439048 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| VRAC | 1.55 | 10.3 | Pn | 18:34:46.289 | -0.0 | T__ | 44.7 | --- | ML | 2.0 | 6439050 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 1.55 | 10.3 | Sn | 18:35:07.076 | 0.6 | T__ | | --- | | | 6439049 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | |
| TREC | 1.58 | 343.6 | Pn | 18:34:47.183 | 0.4 | T__ | 336.1 | --- | ML | 2.9 | 6439051 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| TREC | 1.58 | 343.6 | Sn | 18:35:08.342 | 1.5 | T__ | | --- | | | 6439052 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.62 | 310.5 | Pg | 18:34:48.524 | -0.9 | T__ | 311.2 | --- | ML | 2.9 | 6439054 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.62 | 310.5 | Sn | 18:35:09.013 | 0.6 | T__ | | --- | | | 6439053 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.69 | 221.5 | Pn | 18:34:48.748 | -0.1 | T__ | 117.3 | --- | ML | 2.5 | 6439055 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|----|-----|--|--|---------|------|----|----|-----|------|-----|-----|---|
| OBKA | 1.69 | 221.5 | Lg | 18:35:12.067 | -1.0 | T__ | | | | | | | | 6439056 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 1.76 | 140.2 | Lg | 18:35:16.910 | 1.4 | T__ | | | | | | | | 6439057 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A267A | 1.78 | 117.3 | Pg | 18:34:53.740 | 0.5 | T__ | 96.1 | | | ML | 2.5 | | | 6439058 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 1.88 | 184.3 | Pg | 18:34:54.857 | 0.6 | T__ | 95.9 | | | ML | 2.5 | | | 6439059 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.92 | 67.4 | Pn | 18:34:51.579 | 0.3 | T__ | 35.8 | | | ML | 2.1 | | | 6439060 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| A331A | 1.93 | 44.3 | Pn | 18:34:52.771 | 1.2 | T__ | 106.6 | | | ML | 2.6 | | | 6439061 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 2.02 | 194.3 | Lg | 18:35:25.031 | 1.0 | T__ | | | | | | | | 6439062 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| KOVH | 2.15 | 141.4 | Pn | 18:34:55.447 | 1.4 | T__ | 48.8 | | | ML | 2.4 | | | 6439065 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| MORC | 2.19 | 24.0 | Pn | 18:34:55.677 | 0.3 | T__ | 99.5 | | | ML | 2.7 | | | 6439063 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 2.31 | 132.0 | Pn | 18:34:56.496 | 0.3 | T__ | 53.1 | | | ML | 2.5 | | | 6439064 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/06 | 09:01:18.42 | 1.35 | 0.92 | 47.2248 | 18.2592 | 11.9 | 6.4 | 75 | 0.0f | | 8 | 5 | 165 | 0.08 | 1.04 | sx | BUD | 17000820 | BUD | | | 329 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.1 | 3 BUD | 17000820 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.08 | 337.0 | Pg | 09:01:21.320 | 0.5 | | | | | T__ | | 499.4 | | | ML | 1.2 | 6442532 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.08 | 337.0 | Lg | 09:01:22.640 | -0.5 | | | | | T__ | | | | | | 6442533 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.14 | 0.4 | Pg | 09:01:22.362 | 0.5 | | | | | T__ | 258.4 | | | | ML | 1.1 | 6442535 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.14 | 0.4 | Lg | 09:01:24.099 | -0.9 | | | | | T__ | | | | | | 6442534 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.17 | 360.0 | Pg | 09:01:23.057 | 0.7 | | | | | T__ | 170.7 | | | | ML | 1.0 | 6442536 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.17 | 360.0 | Lg | 09:01:25.211 | -0.8 | | | | | T__ | | | | | | 6442537 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.18 | 330.3 | Lg | 09:01:25.662 | -0.8 | | | | | T__ | | | | | | 6442538 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.04 | 165.2 | Lg | 09:01:53.491 | -1.0 | | | | | T__ | | | | | | 6442539 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

2021/04/07 09:19:38.16 0.96 1.24 48.9292 21.1664 6.6 4.4 151 5.0f 15 9 123 0.60 1.57 ke BUD 17000824 BUD 209

Magnitude Err Nsta Author OrigID
ML 1.9 0.0 5 BUD 17000824

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| JOS | 0.60 | 224.0 | Pg | 09:19:50.637 | 0.6 | | | | | T__ | | 87.0 | | --- | ML | 1.8 6446262 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.60 | 224.0 | Lg | 09:19:56.681 | -2.4 | | | | | T__ | | | | --- | | 6446263 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.63 | 225.5 | Pg | 09:19:51.407 | 0.6 | | | | | T__ | | 89.8 | | --- | ML | 1.8 6446259 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.63 | 225.5 | Lg | 09:20:01.390 | 1.1 | | | | | T__ | | | | --- | | 6446255 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.64 | 175.6 | Pn | 09:19:53.269 | -0.9 | | | | | T__ | | 117.3 | | --- | ML | 1.9 6446257 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.64 | 175.6 | Lg | 09:20:00.108 | -0.8 | | | | | T__ | | | | --- | | 6446264 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.73 | 89.3 | Pg | 09:19:52.301 | 0.3 | | | | | T__ | | | | --- | | 6446260 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KOLS | 0.73 | 89.3 | Lg | 09:20:03.625 | -0.0 | | | | | T__ | | | | --- | | 6446261 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| NIE | 0.75 | 311.0 | Lg | 09:20:02.045 | -1.0 | | | | | T__ | | | | --- | | 6446265 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| HU02A | 0.91 | 208.1 | Pn | 09:19:57.218 | 0.5 | | | | | T__ | | 88.3 | | --- | ML | 2.0 6446256 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.91 | 208.1 | Lg | 09:20:07.633 | -2.3 | | | | | T__ | | | | --- | | 6446266 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.32 | 220.4 | Lg | 09:20:24.710 | 1.5 | | | | | T__ | | | | --- | | 6446258 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| ET1H | 1.36 | 219.9 | Sn | 09:20:22.832 | 0.7 | | | | | T__ | | | | --- | | 6446267 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| OJC | 1.57 | 325.9 | Pn | 09:20:06.143 | -0.1 | | | | | T__ | | 110.7 | | --- | ML | 2.4 6446269 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| OJC | 1.57 | 325.9 | Lg | 09:20:27.972 | -0.1 | | | | | T__ | | | | --- | | 6446268 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/04/07 | 09:52:44.21 | 0.87 | 0.99 | 47.8089 | 19.1729 | 5.1 | 2.9 | 173 | 0.0f | | 16 | 11 | 115 | 0.11 | 1.14 | kx | BUD | 17000826 | BUD | | | 165 |
| 2021/04/07 | 09:52:44.33 | 0.85 | 1.27 | 47.8355 | 19.1270f | | | | 0.0f | | 16 | 11 | 106 | 0.07 | 1.15 | kx | BUD_GT | 17000827 | BUD_GT | | | 159 |

(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.9 0.3 5 BUD_GT 17000827

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 09:52:47.614 | 1.3 | | | | | T__ | | 3943.9 | | --- | ML | 2.1 6446307 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 09:52:49.253 | 1.1 | | | | | T__ | | | | --- | | 6446308 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.33 | 77.7 | Lg | 09:52:56.703 | -0.1 | | | | | T__ | | | | --- | | 6446309 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| BUD | 0.36 | 191.2 | Lg | 09:52:56.852 | -1.5 | | | | | T__ | | | | --- | | 6446310 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 0.50 | 84.8 | Pg | 09:52:55.064 | -0.1 | | | | | T__ | | 75.0 | | --- | ML | 1.6 6446312 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.50 | 84.8 | Lg | 09:53:01.173 | -1.8 | | | | | T__ | | | | --- | | 6446311 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| PSZ | 0.52 | 80.6 | Lg | 09:53:02.514 | -1.6 | T__ | --- | 6446313 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | | |
| HU09A | 0.54 | 248.9 | Lg | 09:53:03.855 | -0.7 | T__ | --- | 6446314 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | | |
| VYHS | 0.69 | 343.6 | Pg | 09:52:59.087 | 0.7 | T__ | 33.6 | --- | ML | 1.4 | 6446316 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.69 | 343.6 | Lg | 09:53:08.698 | 0.1 | T__ | --- | 6446315 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.91 | 244.0 | Lg | 09:53:17.192 | 0.4 | T__ | --- | 6446317 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| HU02A | 0.98 | 72.5 | Pn | 09:53:04.228 | -0.1 | T__ | 71.7 | --- | ML | 1.9 | 6446319 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 72.5 | Lg | 09:53:17.788 | -2.4 | T__ | --- | 6446318 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 1.12 | 54.0 | Sn | 09:53:21.662 | -1.7 | T__ | --- | 6446320 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | | |
| JOS | 1.15 | 54.5 | Pg | 09:53:07.059 | -0.1 | T__ | 87.1 | --- | ML | 2.1 | 6446321 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.15 | 54.5 | Sn | 09:53:22.407 | -1.8 | T__ | --- | 6446322 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------------------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/04/07 | 10:34:38.55 | 0.96 | 0.73 | 47.8535 | 20.1612 | 4.6 | 3.7 | 32 | 0.0f | 8 | 4 | 122 | | 0.19 | 0.36 | kx | BUD | 17000828 | BUD | | | 235 |
| 2021/04/07 | 10:34:38.58 | 0.95 | 0.64 | 47.8650 | 20.1529f | | | | 0.0f | 8 | 4 | 119 | | 0.18 | 0.36 | kx | BUD_GT | 17000829 | BUD_GT | | | 236 |
| (locality : Kiszána Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.2 | 0.0 | 4 BUD_GT | 17000829 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 10:34:43.551 | 0.5 | | | | | T__ | | 260.7 | | --- | ML | 1.2 | 6446802 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 10:34:46.531 | -0.2 | | | | | T__ | | | | --- | | 6446805 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 10:34:43.625 | 0.6 | | | | | T__ | | 219.1 | | --- | ML | 1.2 | 6446803 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 10:34:46.009 | -0.5 | | | | | T__ | | | | --- | | 6446806 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.24 | 163.9 | Pg | 10:34:44.110 | 0.1 | | | | | T__ | | 588.1 | | --- | ML | 1.7 | 6446808 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU23A | 0.24 | 163.9 | Lg | 10:34:47.239 | -1.0 | | | | | T__ | | | | --- | | 6446807 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 10:34:46.978 | 0.6 | | | | | T__ | | 76.8 | | --- | ML | 1.2 | 6446804 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.0 | Lg | 10:34:51.746 | -0.8 | | | | | T__ | | | | --- | | 6446809 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/07 | 18:01:56.75 | 0.90 | 0.55 | 47.7362 | 16.1530 | 4.1 | 3.6 | 21 | 12.8 | 5.9 | 19 | 12 | 110 | 0.10 | 1.34 | ke | BUD | 17000830 | BUD | | | 159 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 7 BUD | 17000830 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.10 | 110.6 | Pg | 18:02:00.104 | 0.0 | | | | | T__ | | 230.9 | | --- | ML | 1.0 | 6447295 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.10 | 110.6 | Lg | 18:02:01.855 | -0.6 | | | | | T__ | | | | --- | | 6447296 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 314.5 | Pg | 18:02:02.842 | -0.0 | | | | | T__ | | 57.1 | | --- | ML | 0.8 | 6447298 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 314.5 | Lg | 18:02:06.623 | -0.4 | | | | | T__ | | | | --- | | 6447297 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 100.8 | Pg | 18:02:02.972 | 0.1 | | | | | T__ | | 68.1 | | --- | ML | 0.9 | 6447299 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 100.8 | Lg | 18:02:06.809 | -0.2 | | | | | T__ | | | | --- | | 6447300 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.28 | 35.8 | Pg | 18:02:03.196 | 0.4 | | | | | T__ | | 581.9 | | --- | ML | 1.8 | 6447302 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.28 | 35.8 | Lg | 18:02:08.281 | 1.3 | | | | | T__ | | | | --- | | 6447301 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.64 | 3.1 | Lg | 18:02:18.283 | -0.1 | | | | | T__ | | | | --- | | 6447305 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.65 | 221.5 | Pg | 18:02:10.050 | 0.6 | | | | | T__ | | 76.3 | | --- | ML | 1.7 | 6447303 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.65 | 221.5 | Lg | 18:02:17.761 | -0.0 | | | | | T__ | | | | --- | | 6447304 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.72 | 332.2 | Lg | 18:02:19.810 | -0.7 | | | | | T__ | | | | --- | | 6447307 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| A018A | 0.73 | 271.0 | Pg | 18:02:11.168 | 0.2 | | | | | T__ | | 66.7 | | --- | ML | 1.7 | 6447306 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.86 | 111.4 | Lg | 18:02:25.621 | -0.4 | | | | | T__ | | | | --- | | 6447308 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.99 | 49.4 | Pg | 18:02:16.159 | -0.3 | | | | | T__ | | | | --- | | 6447310 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.99 | 49.4 | Lg | 18:02:30.166 | -0.8 | | | | | T__ | | | | --- | | 6447309 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A001A | 1.04 | 16.2 | Lg | 18:02:31.507 | 0.0 | | | | | T__ | | | | --- | | 6447311 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| KRUC | 1.34 | 6.8 | Pn | 18:02:21.151 | 0.6 | | | | | T__ | | 72.9 | | --- | ML | 2.1 | 6447313 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.34 | 6.8 | Sn | 18:02:38.212 | 0.1 | | | | | T__ | | | | --- | | 6447312 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/08 | 06:18:19.81 | 1.26 | 0.58 | 47.3233 | 18.2923 | 7.1 | 3.4 | 107 | 0.0f | | 9 | 5 | 185 | 0.05 | 1.13 | sx | BUD | 17000832 | BUD | | | 267 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.2 | 4 BUD | 17000832 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.05 | 331.5 | Pg | 06:18:21.806 | 0.4 | | | | | T__ | | 860.0 | | --- | ML | 1.4 | 6448308 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.05 | 331.5 | Lg | 06:18:22.501 | -0.7 | | | | | T__ | | | | --- | | 6448309 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.06 | 249.2 | Pg | 06:18:21.910 | 0.2 | | | | | T__ | | 407.4 | | --- | ML | 1.1 | 6448311 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.06 | 249.2 | Lg | 06:18:23.022 | -0.6 | | | | | T__ | | | | --- | | 6448312 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.07 | 342.0 | Pg | 06:18:22.215 | 0.3 | | | | | T__ | | 691.2 | | --- | ML | 1.3 | 6448316 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.07 | 342.0 | Lg | 06:18:23.370 | -0.8 | | | | | T__ | | | | --- | | 6448310 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

(Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 MSW3 0.13 297.9 Pg 06:18:23.508 0.5 T__ 165.7 ___ ML 0.9 6448314 FDSN HU -- BUD iLoc HHZ HHZ _
 MSW3 0.13 297.9 Lg 06:18:25.767 -0.1 T__ ___ 6448313 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 0.9 magdef=1
 (Station ML: 0.9 magdef=1
 MORH 1.13 167.6 Lg 06:18:58.529 -0.3 T__ ___ 6448315 FDSN HU -- BUD iLoc HHE ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/04/08 | 09:14:40.40 | 1.11 | 0.79 | 47.2272 | 18.3055 | 7.4 | 4.6 | 43 | 0.0f | 12 | 8 | 121 | 0.10 | 1.15 | kx | BUD | 17000834 | BUD | | | | 177 |
| 2021/04/08 | 09:14:40.54 | 0.93 | 0.76 | 47.2302 | 18.2835f | | | | 0.0f | 12 | 8 | 123 | 0.09 | 1.15 | kx | BUD_GT | 17000835 | BUD_GT | | | | 172 |

(locality : Iszkaszentgyörgy Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.1 | 0.1 | 4 BUD_GT | 17000835 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.09 | 325.6 | Pg | 09:14:43.396 | 0.4 | | | | | T__ | | 518.6 | | ___ | ML | 1.3 | 6448396 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.09 | 325.6 | Lg | 09:14:44.481 | -0.9 | | | | | T__ | | | | ___ | | 6448397 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 353.3 | Pg | 09:14:44.280 | 0.4 | | | | | T__ | | 260.9 | | ___ | ML | 1.1 | 6448398 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 353.3 | Lg | 09:14:46.519 | -0.5 | | | | | T__ | | | | ___ | | 6448391 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.16 | 354.2 | Pg | 09:14:45.044 | 0.6 | | | | | T__ | | 226.8 | | ___ | ML | 1.1 | 6448400 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.16 | 354.2 | Lg | 09:14:47.374 | -0.6 | | | | | T__ | | | | ___ | | 6448399 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.19 | 325.1 | Pg | 09:14:45.847 | 1.0 | | | | | T__ | | 117.2 | | ___ | ML | 0.9 | 6448402 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.19 | 325.1 | Lg | 09:14:48.177 | -0.5 | | | | | T__ | | | | ___ | | 6448401 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.32 | 309.6 | Lg | 09:14:52.703 | -0.4 | | | | | T__ | | | | ___ | | 6448392 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| A271A | 0.38 | 101.2 | Lg | 09:14:54.156 | -1.4 | | | | | T__ | | | | ___ | | 6448393 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.05 | 166.2 | Lg | 09:15:15.650 | -0.9 | | | | | T__ | | | | ___ | | 6448394 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.15 | 186.4 | Sn | 09:15:20.046 | 0.1 | | | | | T__ | | | | ___ | | 6448395 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/04/09 | 01:51:42.97 | 0.80 | 0.77 | 47.7688 | 16.1671 | 4.0 | 2.8 | 48 | 12.2 | 2.3 | 35 | 18 | 87 | 0.11 | 1.63 | ke | BUD | 17000836 | BUD | | | | 165 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | 0.3 | 16 BUD | 17000836 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 128.4 | Pg | 01:51:46.035 | -0.3 | | | | | T__ | | 1755.2 | | ___ | ML | 1.9 | 6449889 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 128.4 | Lg | 01:51:47.935 | -0.8 | | | | | T__ | | | | ___ | | 6449866 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| A004A | 0.25 | 38.5 | Pg | 01:51:49.052 | 0.7 | T__ | 636.3 | ___ | ML | 1.8 | 6449865 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.25 | 38.5 | Lg | 01:51:53.821 | 1.6 | T__ | | --- | | | 6449864 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 307.9 | Pg | 01:51:48.438 | -0.3 | T__ | 337.8 | ___ | ML | 1.6 | 6449890 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 307.9 | Lg | 01:51:52.852 | 0.1 | T__ | | --- | | | 6449863 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 107.8 | Pg | 01:51:48.904 | -0.1 | T__ | 399.5 | ___ | ML | 1.7 | 6449891 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 107.8 | Lg | 01:51:52.778 | -0.4 | T__ | | --- | | | 6449871 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A005B | 0.60 | 2.4 | Pg | 01:51:55.385 | 0.5 | T__ | 368.1 | ___ | ML | 2.4 | 6449868 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.60 | 2.4 | Lg | 01:52:03.879 | 0.3 | T__ | | --- | | | 6449867 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A260A | 0.61 | 142.9 | Pg | 01:51:55.274 | 0.1 | T__ | 353.8 | ___ | ML | 2.4 | 6449892 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.61 | 142.9 | Lg | 01:52:03.562 | 0.1 | T__ | | --- | | | 6449893 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.68 | 220.3 | Pg | 01:51:56.279 | -0.0 | T__ | 280.0 | ___ | ML | 2.3 | 6449873 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.68 | 220.3 | Lg | 01:52:05.071 | 0.1 | T__ | | --- | | | 6449872 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 330.3 | Pg | 01:51:56.428 | 0.0 | T__ | 756.1 | ___ | ML | 2.8 | 6449869 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 330.3 | Lg | 01:52:05.667 | -0.3 | T__ | | --- | | | 6449870 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.86 | 113.6 | Pg | 01:52:00.228 | 0.2 | T__ | 207.9 | ___ | ML | 2.3 | 6449895 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.86 | 113.6 | Lg | 01:52:12.149 | 0.0 | T__ | | --- | | | 6449894 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.96 | 50.5 | Pg | 01:52:01.484 | -0.7 | T__ | | --- | | | 6449874 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.96 | 50.5 | Lg | 01:52:15.229 | -1.1 | T__ | | --- | | | 6449875 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| A006A | 0.98 | 354.3 | Pg | 01:52:01.271 | -0.7 | T__ | 166.5 | ___ | ML | 2.3 | 6449896 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A006A | 0.98 | 354.3 | Lg | 01:52:14.309 | -1.2 | T__ | | --- | | | 6449897 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A001A | 1.00 | 16.3 | Pg | 01:52:02.396 | -0.2 | T__ | 132.0 | ___ | ML | 2.2 | 6449876 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 1.00 | 16.3 | Lg | 01:52:16.217 | -0.4 | T__ | | --- | | | 6449877 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.11 | 122.2 | Pn | 01:52:03.756 | 0.4 | T__ | 65.7 | ___ | ML | 1.9 | 6449879 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.11 | 122.2 | Sn | 01:52:19.253 | 0.6 | T__ | | --- | | | 6449878 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU08A | 1.24 | 105.2 | Pn | 01:52:05.879 | 0.8 | T__ | 55.1 | ___ | ML | 1.9 | 6449880 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 1.24 | 105.2 | Sn | 01:52:22.903 | 1.0 | T__ | | --- | | | 6449881 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.30 | 6.6 | Pn | 01:52:06.550 | 0.2 | T__ | 81.7 | ___ | ML | 2.1 | 6449883 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.30 | 6.6 | Sn | 01:52:24.133 | 0.5 | T__ | | --- | | | 6449882 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |

(Station ML: 2.1 magdef=1
 VRAC 1.57 10.3 Pn 01:52:10.498 0.4 T__ 22.0 --- ML 1.7 6449884 FDSN CZ -- BUD iLoc HHZ HHZ _
 VRAC 1.57 10.3 Sn 01:52:30.726 0.6 T__ --- 6449885 FDSN CZ -- BUD iLoc HHE ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=0
 TREC 1.59 343.8 Sn 01:52:32.775 2.2 T__ --- 6449886 FDSN CZ -- BUD iLoc HHE ??? _
 CKRC 1.63 311.0 Pg 01:52:13.367 0.1 T__ 150.7 --- ML 2.6 6449888 FDSN CZ -- BUD iLoc HHZ HHZ _
 CKRC 1.63 311.0 Sn 01:52:33.408 1.5 T__ --- 6449887 FDSN CZ -- BUD iLoc HHE ??? _
 (Reading ML: 2.6 magdef=1
 (Station ML: 2.6 magdef=0

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/04/09 | 06:49:48.92 | 1.74 | 1.16 | 47.3783 | 18.3587 | 12.6 | 5.9 | 132 | 0.0f | 10 | 9 | 107 | 0.07 | 1.30 | sx | BUD | 17000838 | BUD | | | | 139 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.07 | 257.2 | Pg | 06:49:51.390 | 0.4 | | | | | T__ | | 633.7 | | --- | ML | 1.3 | 6449960 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.07 | 257.2 | Lg | 06:49:52.182 | -0.9 | | | | | T__ | | | | --- | | 6449966 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.07 | 282.2 | Lg | 06:49:52.703 | -0.4 | | | | | T__ | | | | --- | | 6449967 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.13 | 232.9 | Lg | 06:49:54.574 | -0.4 | | | | | T__ | | | | --- | | 6449968 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW3 | 0.16 | 271.8 | Lg | 06:49:56.042 | 0.0 | | | | | T__ | | | | --- | | 6449969 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.14 | 63.4 | Sn | 06:50:26.966 | -1.6 | | | | | T__ | | | | --- | | 6449961 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 1.16 | 15.9 | Lg | 06:50:29.052 | -0.3 | | | | | T__ | | | | --- | | 6449963 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.17 | 61.9 | Sn | 06:50:27.860 | -1.9 | | | | | T__ | | | | --- | | 6449962 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.18 | 170.4 | Sn | 06:50:28.083 | -1.1 | | | | | T__ | | | | --- | | 6449964 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.30 | 187.9 | Sn | 06:50:33.075 | 0.9 | | | | | T__ | | | | --- | | 6449965 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|-----|
| 2021/04/09 | 08:10:48.90 | 1.52 | 1.85 | 48.2335 | 21.2555 | 9.2 | 4.2 | 123 | 0.0f | 10 | 8 | 153 | 0.06 | 0.99 | kx | BUD | 17000840 | BUD | | | | | 206 |
| 2021/04/09 | 08:10:49.13 | 0.96 | 1.65 | 48.2470 | 21.2460f | | | | 0.0f | 10 | 8 | 151 | 0.05 | 0.99 | kx | BUD_GT | 17000841 | BUD_GT | | | | | 204 |

(locality : Táallya Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.2 3 BUD_GT 17000841

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 08:10:51.343 | 0.6 | | | | | T__ | | 2562.5 | | --- | ML | 1.8 | 6449993 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 08:10:51.949 | -0.3 | | | | | T__ | | | | --- | | 6449994 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 08:11:00.176 | 0.5 | | | | | T__ | | 49.5 | | --- | ML | 1.4 | 6449995 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 08:11:06.248 | -1.5 | | | | | T__ | | | | --- | | 6449996 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 08:11:00.679 | 0.8 | | | | | T__ | | 51.9 | | --- | ML | 1.5 | 6449997 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |


```

(Station ML: 1.5 magdef=1
KECS 0.56 295.3 Lg 08:11:08.520 -0.4 T__ --- 6449998 FDSN SK -- BUD iLoc EHN ??? _
TRPA 0.87 97.2 Lg 08:11:20.608 0.0 T__ --- 6449999 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.96 250.6 Lg 08:11:21.949 -1.9 T__ --- 6450000 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 44.4 Lg 08:11:19.360 -4.0 T__ --- 6449992 FDSN SK -- BUD iLoc HHZ ??? _
ET1H 0.99 248.7 Lg 08:11:23.737 -0.7 T__ --- 6450001 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/10 01:29:08.63 2.38 0.90 45.9320 17.2928 19.1 5.9 42 13.9 15.1 10 6 213 0.23 0.98 ke BUD 17000846 BUD 267

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 5 BUD 17000846

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A264A 0.23 359.5 Pg 01:29:13.860 -0.1 T__ 121.4 ___ ML 1.0 6453276 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.23 359.5 Lg 01:29:17.636 0.0 T__ ___ 6453281 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
A273A 0.37 92.3 Pg 01:29:16.170 -0.2 T__ 108.3 ___ ML 1.4 6453278 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.37 92.3 Lg 01:29:21.460 0.0 T__ ___ 6453277 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOVH 0.58 74.2 Pn 01:29:21.361 0.1 T__ 29.7 ___ ML 1.3 6453282 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.58 74.2 Lg 01:29:29.953 1.6 T__ ___ 6453279 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A265A 0.60 35.2 Pg 01:29:20.435 -0.3 T__ 121.3 ___ ML 1.9 6453284 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
KOGS 0.89 305.9 Sn 01:29:39.192 1.0 T__ ___ 6453280 FDSN SL -- BUD iLoc BHN ??? _
MORH 0.98 72.8 Pn 01:29:26.781 0.2 T__ 31.8 ___ ML 1.5 6453283 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.98 72.8 Lg 01:29:40.551 -1.1 T__ ___ 6453285 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/10 05:18:27.69 1.49 1.61 47.7898 16.2212 9.3 6.0 63 15.8 11.2 10 6 145 0.10 1.28 ke BUD 17000848 BUD 216

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.8 4 BUD 17000848

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.10 150.6 Pg 05:18:31.625 0.2 T__ 60.2 _d ML 0.4 6453659 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.10 150.6 Lg 05:18:33.711 -0.3 T__ ___ 6453660 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
CONA 0.28 299.9 Pg 05:18:34.270 0.2 T__ 61.4 ___ ML 0.9 6453662 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.28 299.9 Lg 05:18:37.921 -0.5 T__ ___ 6453661 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1

```

```

A008A 0.69 326.8 Pg 05:18:41.721 0.6 T__ 52.6 --- ML 1.6 6453665 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 326.8 Lg 05:18:51.145 0.4 T__ --- 6453664 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ARSA 0.72 221.5 Lg 05:18:50.326 -0.6 T__ --- 6453663 FDSN OE -- BUD iLoc HHN ??? _
A006A 0.96 352.0 Pg 05:18:44.440 -1.9 T__ --- 6453666 FDSN Z3 00 BUD iLoc HHZ ??? _
KRUC 1.28 5.1 Pn 05:18:52.449 2.1 T__ 47.5 --- ML 1.9 6453667 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.28 5.1 Sn 05:19:09.659 2.5 T__ --- 6453668 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/11 00:57:07.67 1.03 0.66 47.3633 18.1480 17.8 4.9 51 9.0f 5 3 178 0.02 0.08 ke BUD 17000850 BUD 305

```

```
Magnitude Err Nsta Author OrigID
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW3 0.02 323.1 Pg 00:57:09.878 0.3 T__ 58.2 _c ML 0.1 6456851 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.02 323.1 Lg 00:57:10.729 -0.6 T__ --- 6456847 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.1 magdef=1
(Station ML: 0.1 magdef=1
MSW2 0.07 144.9 Pg 00:57:10.426 0.3 T__ 34.6 --- ML 0.0 6456850 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.07 144.9 Lg 00:57:11.770 -0.5 T__ --- 6456849 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.0 magdef=1
(Station ML: 0.0 magdef=1
CSKK 0.08 90.1 Lg 00:57:12.092 -0.3 T__ --- 6456848 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/12 07:28:17.84 2.17 1.50 47.9848 20.6931 12.9 7.1 153 0.0f 7 5 213 0.18 0.54 kx BUD 17000852 BUD 274
2021/04/12 07:28:18.37 0.89 1.73 48.0750 20.6990f 0.0f 7 5 195 0.13 0.56 kx BUD_GT 17000853 BUD_GT 268
(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

```

```
Magnitude Err Nsta Author OrigID
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.13 292.1 Pg 07:28:22.698 1.2 T__ 478.3 --- ML 1.3 6457110 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.13 292.1 Lg 07:28:24.561 0.3 T__ --- 6457109 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH 0.42 58.4 Lg 07:28:34.340 -0.2 T__ --- 6457111 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.43 340.8 Lg 07:28:35.736 1.8 T__ --- 6457108 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.43 345.9 Pn 07:28:29.552 -2.3 T__ 42.7 --- ML 1.1 6457106 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.43 345.9 Lg 07:28:35.289 1.3 T__ --- 6457107 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.56 254.1 Lg 07:28:36.947 -2.5 T__ --- 6457112 FDSN GE -- BUD iLoc HHZ ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

```

2021/04/12 07:41:42.64 0.96 1.07 47.5572 18.4226 7.0 2.8 107 0.0f 10 6 155 0.09 0.98 kx BUD 17000854 BUD 193
 2021/04/12 07:41:42.45 0.90 1.01 47.5600 18.4573f 0.0f 10 6 160 0.09 0.97 kx BUD_GT 17000855 BUD_GT 197
 (locality : Tatabánya Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.4 0.2 4 BUD_GT 17000855

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 07:41:45.651 | 0.8 | | | | | T__ | | 1117.4 | | --- | ML | 1.6 6457158 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 07:41:46.694 | -0.5 | | | | | T__ | | | | --- | | 6457157 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 07:41:48.184 | 0.5 | | | | | T__ | | 377.5 | | --- | ML | 1.5 6457154 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 07:41:51.276 | -1.1 | | | | | T__ | | | | --- | | 6457159 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.31 | 213.1 | Pg | 07:41:49.925 | 0.9 | | | | | T__ | | 87.0 | | --- | ML | 1.1 6457162 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.31 | 213.1 | Lg | 07:41:53.299 | -1.4 | | | | | T__ | | | | --- | | 6457163 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.47 | 52.8 | Lg | 07:42:00.552 | 0.1 | | | | | T__ | | | | --- | | 6457155 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| EGYH | 0.78 | 259.8 | Lg | 07:42:08.114 | -1.7 | | | | | T__ | | | | --- | | 6457156 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 0.97 | 15.1 | Pn | 07:42:03.141 | 0.7 | | | | | T__ | | 18.5 | | --- | ML | 1.3 6457161 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.97 | 15.1 | Lg | 07:42:15.434 | -0.9 | | | | | T__ | | | | --- | | 6457160 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/04/12 09:09:34.66 0.93 0.82 47.9585 20.0561 5.7 3.0 153 0.0f 12 8 95 0.12 1.21 sx BUD 17000856 BUD 136

Magnitude Err Nsta Author OrigID
 ML 1.6 0.2 4 BUD 17000856

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| PSZ | 0.12 | 249.8 | Pg | 09:09:38.359 | 0.6 | | | | | T__ | | 1238.2 | | --- | ML | 1.7 6457195 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.12 | 249.8 | Lg | 09:09:40.072 | -0.4 | | | | | T__ | | | | --- | | 6457196 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.31 | 260.1 | Lg | 09:09:46.703 | 0.1 | | | | | T__ | | | | --- | | 6457197 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| HU23A | 0.35 | 157.7 | Lg | 09:09:47.076 | -1.0 | | | | | T__ | | | | --- | | 6457198 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| HU02A | 0.35 | 62.3 | Pg | 09:09:42.754 | 0.3 | | | | | T__ | | 145.3 | | --- | ML | 1.4 6457200 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.35 | 62.3 | Lg | 09:09:47.821 | -0.7 | | | | | T__ | | | | --- | | 6457199 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.60 | 28.5 | Lg | 09:09:55.420 | -0.5 | | | | | T__ | | | | --- | | 6457201 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| JOS | 0.63 | 30.8 | Pg | 09:09:48.752 | 1.5 | | | | | T__ | | 65.4 | | --- | ML | 1.7 6457203 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.63 | 30.8 | Lg | 09:09:56.314 | -0.6 | | | | | T__ | | | | --- | | 6457202 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.98 | 303.8 | Pg | 09:09:53.744 | -0.7 | | | | | T__ | | 23.7 | | --- | ML | 1.4 6457204 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.98 | 303.8 | Lg | 09:10:07.825 | -0.8 | | | | | T__ | | | | --- | | 6457205 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

(Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=1
 HU04A 1.21 199.1 Sn 09:10:15.350 0.1 T__ --- 6457206 FDSN ZJ 00 BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/12 | 19:19:52.47 | 1.15 | 0.33 | 47.7767 | 16.1831 | 6.0 | 3.6 | 45 | 12.0 | 9.8 | 13 | 7 | 108 | 0.11 | 0.69 | ke | BUD | 17000858 | BUD | | | 163 |

Magnitude Err Nsta Author OrigID
 ML 1.2 0.5 6 BUD 17000858

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| RONA | 0.11 | 135.2 | Pg | 19:19:55.737 | -0.0 | | | | | T__ | | 98.9 | | --- | ML | 0.6 | 6457380 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.11 | 135.2 | Lg | 19:19:57.562 | -0.6 | | | | | T__ | | | | --- | | 6457381 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 305.1 | Pg | 19:19:58.477 | 0.1 | | | | | T__ | | 54.0 | | --- | ML | 0.8 | 6457384 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CONA | 0.26 | 305.1 | Lg | 19:20:02.463 | 0.1 | | | | | T__ | | | | --- | | 6457385 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 110.1 | Pg | 19:19:58.643 | 0.3 | | | | | T__ | | 57.5 | | --- | ML | 0.8 | 6457379 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| SOP | 0.27 | 110.1 | Lg | 19:20:02.666 | 0.3 | | | | | T__ | | | | --- | | 6457378 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.60 | 1.4 | Lg | 19:20:12.186 | -0.6 | | | | | T__ | | | | --- | | 6457388 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| A013A | 0.60 | 299.1 | Pg | 19:20:04.289 | 0.1 | | | | | T__ | | 93.7 | | --- | ML | 1.8 | 6457387 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A013A | 0.60 | 299.1 | Lg | 19:20:12.223 | 0.2 | | | | | T__ | | | | --- | | 6457386 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.69 | 220.6 | Pg | 19:20:05.890 | -0.1 | | | | | T__ | | 40.8 | | --- | ML | 1.5 | 6457390 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ARSA | 0.69 | 220.6 | Lg | 19:20:14.719 | -0.1 | | | | | T__ | | | | --- | | 6457389 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 329.2 | Pg | 19:20:06.056 | 0.2 | | | | | T__ | | 73.9 | | --- | ML | 1.8 | 6457382 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A008A | 0.69 | 329.2 | Lg | 19:20:15.220 | -0.2 | | | | | T__ | | | | --- | | 6457383 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/13 | 05:46:04.25 | 1.00 | 0.83 | 46.0087 | 22.8019 | 8.4 | 4.1 | 61 | 0.0f | | 9 | 5 | 133 | 0.14 | 0.88 | sx | BUD | 17000860 | BUD | | | 200 |

Magnitude Err Nsta Author OrigID
 ML 1.7 0.1 4 BUD 17000860

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| DEV | 0.14 | 150.5 | Pg | 05:46:06.731 | -0.3 | | | | | T__ | | 1070.0 | | --- | ML | 1.7 | 6458420 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| DEV | 0.14 | 150.5 | Lg | 05:46:09.562 | 0.5 | | | | | T__ | | | | --- | | 6458421 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.62 | 181.7 | Pg | 05:46:16.268 | 0.2 | | | | | T__ | | 64.4 | | --- | ML | 1.7 | 6458422 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| GZR | 0.62 | 181.7 | Lg | 05:46:25.432 | 0.6 | | | | | T__ | | | | --- | | 6458423 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.79 355.4 Pg 05:46:20.514 0.5 T__ 55.4 ___ ML 1.7 6458424 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.79 355.4 Lg 05:46:31.094 -1.1 T__ ___ 6458427 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
SIRR 0.84 288.5 Pg 05:46:20.887 -0.4 T__ 36.8 ___ ML 1.5 6458426 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.84 288.5 Lg 05:46:33.552 0.1 T__ ___ 6458425 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
LOT 0.88 129.3 Lg 05:46:32.658 -1.4 T__ ___ 6458428 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/13 08:05:28.92 1.58 1.15 47.8012 19.8872 10.6 3.9 164 0.0f 11 7 213 0.12 1.03 sx BUD 17000862 BUD 237

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD 17000862

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
PSZ 0.12 2.4 Pg 08:05:32.353 0.3 T__ 964.8 ___ ML 1.6 6458458 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.12 2.4 Lg 08:05:34.537 -0.3 T__ ___ 6458465 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.22 298.0 Pg 08:05:34.625 0.7 T__ 322.9 ___ ML 1.4 6458460 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.22 298.0 Lg 08:05:37.941 0.2 T__ ___ 6458459 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.54 52.9 Pg 08:05:41.070 0.8 T__ 41.7 ___ ML 1.4 6458461 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.54 52.9 Lg 08:05:48.227 -0.8 T__ ___ 6458466 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU10A 0.59 274.6 Lg 08:05:48.451 -2.3 T__ ___ 6458467 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.82 31.9 Pg 08:05:45.726 0.4 T__ 41.5 ___ ML 1.6 6458462 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.82 31.9 Lg 08:05:56.827 -0.9 T__ ___ 6458463 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.99 315.0 Lg 08:06:03.458 0.1 T__ ___ 6458464 FDSN SK -- BUD iLoc HHN ??? _
ABAH 1.03 60.9 Sn 08:06:04.283 -1.5 T__ ___ 6458468 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/13 08:28:26.44 1.65 1.23 47.2302 18.3502 18.4 6.5 71 0.0f 8 7 118 0.12 1.31 sx BUD 17000864 BUD 154

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MSW2 0.12 307.3 Pg 08:28:30.239 0.8 T__ 438.2 ___ ML 1.3 6458519 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.12 307.3 Lg 08:28:31.163 -1.2 T__ ___ 6458517 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
CSKK 0.15 335.4 Lg 08:28:32.762 -0.6 T__ ___ 6458512 FDSN HU -- BUD iLoc HHN ??? _

```

| | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|--|--|--|--|-----|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| MSW1 | 0.17 | 339.2 | Lg | 08:28:33.226 | -1.0 | | | | | T__ | | | | | 6458518 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| MORH | 1.04 | 168.7 | Lg | 08:29:01.091 | -1.1 | | | | | T__ | | | | | 6458513 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| KOVH | 1.16 | 188.7 | Sn | 08:29:04.742 | -1.3 | | | | | T__ | | | | | 6458514 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| PSZ | 1.25 | 56.1 | Sn | 08:29:10.330 | 1.1 | | | | | T__ | | | | | 6458515 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 1.31 | 14.3 | Sn | 08:29:10.404 | -0.2 | | | | | T__ | | | | | 6458516 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/13 | 09:55:44.09 | 1.29 | 1.01 | 48.8757 | 21.0607 | 7.3 | 6.3 | 8 | 0.0f | | 12 | 7 | 127 | 0.51 | 1.23 | sx | BUD | 17000866 | BUD | | | 221 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 5 BUD | 17000866 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.51 | 222.5 | Pg | 09:55:54.437 | 0.1 | | | | | T__ | | 105.5 | | --- | ML | 1.8 | 6458549 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.51 | 222.5 | Lg | 09:56:02.110 | -0.0 | | | | | T__ | | | | --- | | 6458548 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.55 | 224.4 | Pg | 09:55:55.331 | 0.3 | | | | | T__ | | 117.5 | | --- | ML | 1.9 | 6458550 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.55 | 224.4 | Lg | 09:56:02.632 | -0.7 | | | | | T__ | | | | --- | | 6458551 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.59 | 168.4 | Pg | 09:55:56.746 | 0.8 | | | | | T__ | | 69.4 | | --- | ML | 1.7 | 6458553 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.59 | 168.4 | Lg | 09:56:05.165 | -0.7 | | | | | T__ | | | | --- | | 6458552 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.74 | 317.7 | Lg | 09:56:08.443 | -0.1 | | | | | T__ | | | | --- | | 6458556 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| KOLS | 0.80 | 85.4 | Lg | 09:56:10.368 | -2.0 | | | | | T__ | | | | --- | | 6458557 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| HU02A | 0.83 | 205.5 | Pg | 09:56:01.576 | 0.3 | | | | | T__ | | 49.7 | | --- | ML | 1.7 | 6458558 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.83 | 205.5 | Lg | 09:56:12.615 | -1.5 | | | | | T__ | | | | --- | | 6458554 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.23 | 219.5 | Pn | 09:56:08.890 | 1.1 | | | | | T__ | | 46.8 | | --- | ML | 1.9 | 6458555 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.23 | 219.5 | Sn | 09:56:26.162 | -0.4 | | | | | T__ | | | | --- | | 6458559 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/13 | 13:20:31.86 | 0.86 | 0.71 | 48.3325 | 19.8474 | 4.0 | 3.2 | 146 | 0.0f | | 18 | 9 | 91 | 0.42 | 1.44 | sx | BUD | 17000868 | BUD | | | 146 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 9 BUD | 17000868 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.42 | 175.6 | Pg | 13:20:41.212 | 0.2 | | | | | T__ | | 158.1 | | --- | ML | 1.7 | 6458613 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.42 | 175.6 | Lg | 13:20:47.880 | 0.1 | | | | | T__ | | | | --- | | 6458610 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.45 | 70.2 | Pg | 13:20:41.249 | 0.2 | | | | | T__ | | 227.0 | | --- | ML | 1.9 | 6458605 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.45 | 70.2 | Lg | 13:20:47.806 | -0.2 | | | | | T__ | | | | --- | | 6458614 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.9 magdef=1
HU03A 0.46 201.2 Pg 13:20:42.144 0.5 T__ 106.4 ___ ML 1.6 6458616 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.46 201.2 Lg 13:20:48.476 -0.3 T__ ___ 6458615 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.49 70.2 Pg 13:20:41.808 0.1 T__ 114.9 ___ ML 1.7 6458603 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.49 70.2 Lg 13:20:49.072 -0.2 T__ ___ 6458604 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.50 114.7 Pg 13:20:42.367 -0.1 T__ 88.0 ___ ML 1.6 6458606 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 114.7 Lg 13:20:49.482 -1.1 T__ ___ 6458607 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.69 283.9 Pg 13:20:46.204 0.2 T__ 15.2 ___ ML 1.1 6458617 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.69 283.9 Lg 13:20:54.772 -1.4 T__ ___ 6458618 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
ABAH 0.93 91.7 Pg 13:20:50.562 0.3 T__ 70.2 ___ ML 1.9 6458609 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.93 91.7 Lg 13:21:04.271 -0.5 T__ ___ 6458608 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.13 15.2 Pg 13:20:53.915 0.8 T__ 16.0 ___ ML 1.3 6458612 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.13 15.2 Lg 13:21:09.486 -0.2 T__ ___ 6458611 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CSKK 1.44 228.4 Pn 13:20:59.540 1.4 T__ 895.3 ___ ML 3.3 6458620 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 1.44 228.4 Sn 13:21:17.793 -1.1 T__ ___ 6458619 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/14 06:43:07.82 1.55 1.10 48.4521 21.3782 8.8 6.9 75 0.0f 8 5 160 0.18 0.76 sx BUD 17000870 BUD 295

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.1 3 BUD 17000870

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.18 210.7 Pg 06:43:12.417 0.5 T__ 192.0 ___ ML 1.1 6460793 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.18 210.7 Lg 06:43:15.229 -0.3 T__ ___ 6460794 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.56 274.8 Pg 06:43:19.848 0.8 T__ 23.6 ___ ML 1.2 6460796 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.56 274.8 Lg 06:43:26.441 -1.1 T__ ___ 6460795 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.59 273.3 Lg 06:43:28.658 -0.1 T__ ___ 6460791 FDSN SK -- BUD iLoc EHN ??? _
HU02A 0.66 240.2 Pg 06:43:21.189 -0.4 T__ 37.6 ___ ML 1.4 6460797 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.66 240.2 Lg 06:43:30.819 -1.1 T__ ___ 6460790 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOLS 0.76 50.6 Lg 06:43:33.352 -1.5 T__ ___ 6460792 FDSN SK -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/04/14 | 07:43:37.54 | 1.58 | 1.12 | 47.8008 | 19.9338 | 11.2 | 3.9 | 171 | 0.0f | 13 | 7 | 214 | 0.12 | 1.01 | kx | BUD | 17000872 | BUD | | | | 234 |
| 2021/04/14 | 07:43:37.96 | 0.87 | 0.72 | 47.8362 | 19.9346f | | | | 0.0f | 13 | 7 | 209 | 0.09 | 0.99 | kx | BUD_GT | 17000873 | BUD_GT | | | | 225 |

(locality : Gyöngyössolymos Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.8 | 0.2 | 6 BUD_GT | 17000873 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.09 | 341.8 | Pg | 07:43:40.794 | 0.3 | | | | | T__ | | 2913.7 | | ___ | ML | 2.0 | 6460857 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.09 | 341.8 | Lg | 07:43:42.433 | -0.4 | | | | | T__ | | | | --- | | 6460858 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.24 | 286.8 | Pg | 07:43:43.700 | 0.4 | | | | | T__ | | 377.7 | | ___ | ML | 1.5 | 6460860 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.24 | 286.8 | Lg | 07:43:48.096 | 0.8 | | | | | T__ | | | | --- | | 6460859 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.49 | 54.0 | Pg | 07:43:48.444 | 0.0 | | | | | T__ | | 51.3 | | ___ | ML | 1.4 | 6460866 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.49 | 54.0 | Lg | 07:43:55.918 | -0.5 | | | | | T__ | | | | --- | | 6460861 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.62 | 271.2 | Lg | 07:43:58.949 | -1.9 | | | | | T__ | | | | --- | | 6460867 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.75 | 29.5 | Pn | 07:43:54.851 | 0.3 | | | | | T__ | | 129.4 | | ___ | ML | 2.0 | 6460868 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.75 | 29.5 | Lg | 07:44:04.635 | 0.4 | | | | | T__ | | | | --- | | 6460862 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.77 | 31.3 | Pn | 07:43:54.851 | -0.1 | | | | | T__ | | 65.5 | | ___ | ML | 1.7 | 6460869 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.77 | 31.3 | Lg | 07:44:04.933 | -0.3 | | | | | T__ | | | | --- | | 6460863 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.99 | 61.8 | Pn | 07:43:58.116 | 0.3 | | | | | T__ | | 67.4 | | ___ | ML | 1.9 | 6460864 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.99 | 61.8 | Lg | 07:44:12.272 | -0.9 | | | | | T__ | | | | --- | | 6460865 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/04/14 | 08:36:11.37 | 1.90 | 1.35 | 48.5801 | 18.6293 | 13.6 | 7.1 | 169 | 0.0f | 8 | 4 | 201 | 0.63 | 1.38 | sx | BUD | 17000874 | BUD | | | | 242 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.1 | 4 BUD | 17000874 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A331A | 0.63 | 334.9 | Pg | 08:36:23.493 | -0.4 | | | | | T__ | | 142.7 | | ___ | ML | 2.0 | 6460902 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A331A | 0.63 | 334.9 | Lg | 08:36:32.731 | 0.1 | | | | | T__ | | | | --- | | 6460901 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.69 | 294.1 | Pg | 08:36:25.132 | -0.5 | | | | | T__ | | 83.4 | | ___ | ML | 1.8 | 6460908 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.69 | 294.1 | Lg | 08:36:37.500 | 1.0 | | | | | T__ | | | | --- | | 6460907 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |


```

(Station ML: 1.8 magdef=1
JOS 1.27 93.1 Pn 08:36:35.860 0.4 T__ 51.0 ___ ML 1.9 6460905 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.27 93.1 Sn 08:36:56.423 1.9 T__ ___ 6460906 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.38 52.0 Pn 08:36:39.437 2.0 T__ 19.2 ___ ML 1.6 6460903 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.38 52.0 Lg 08:36:57.168 0.1 T__ ___ 6460904 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/14 08:41:49.55 1.26 0.76 48.5447 20.7572 8.9 3.7 4 0.0f 12 7 89 0.15 1.08 sx BUD 17000876 BUD 176

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.2 6 BUD 17000876

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.15 251.4 Pg 08:41:52.778 -0.0 T__ 263.0 ___ ML 1.1 6460941 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.15 251.4 Lg 08:41:55.572 0.1 T__ ___ 6460942 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.19 251.3 Pg 08:41:53.635 0.0 T__ 633.6 ___ ML 1.6 6460944 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.19 251.3 Lg 08:41:57.286 0.5 T__ ___ 6460943 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.41 127.6 Pg 08:41:58.143 0.2 T__ 51.5 ___ ML 1.1 6460946 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.41 127.6 Lg 08:42:04.922 -0.1 T__ ___ 6460945 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.45 200.2 Pg 08:41:59.186 0.1 T__ 32.5 ___ ML 1.1 6460947 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 200.2 Lg 08:42:06.412 -0.1 T__ ___ 6460948 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
PSZ 0.85 222.9 Pg 08:42:07.927 0.4 T__ 47.7 ___ ML 1.7 6460950 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.85 222.9 Lg 08:42:18.927 -1.4 T__ ___ 6460951 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
NIE 0.92 341.1 Pn 08:42:09.417 0.5 T__ 22.7 ___ ML 1.4 6460949 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOLS 1.08 68.2 Lg 08:42:25.148 -1.5 T__ ___ 6460952 FDSN SK -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/14 09:20:52.93 0.90 1.06 47.7150 18.4793 7.2 3.1 144 0.0f 12 7 125 0.10 1.44 sx BUD 17000878 BUD 200

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 6 BUD 17000878

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU09A 0.10 220.6 Pg 09:20:55.571 0.1 T__ 2499.0 ___ ML 2.0 6460990 FDSN ZJ 00 BUD iLoc HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|----|-----|---------|------|----|---------|------|------|-----|-----|------|-----|-----|---|
| HU09A | 0.10 | 220.6 | Lg | 09:20:57.210 | -0.7 | T__ | | | | | | | | | 6460989 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.38 | 202.9 | Pg | 09:21:01.456 | 0.5 | T__ | 199.4 | | | ML | 1.7 | 6460991 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| CSKK | 0.38 | 202.9 | Lg | 09:21:06.970 | -0.8 | T__ | | | | | | 6460992 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.39 | 70.1 | Pg | 09:21:01.829 | 0.6 | T__ | 237.7 | | | ML | 1.8 | 6460993 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | | |
| HU10A | 0.39 | 70.1 | Lg | 09:21:06.970 | -0.8 | T__ | | | | | | 6460994 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.84 | 229.8 | Pg | 09:21:11.216 | 1.4 | T__ | 70.4 | | | ML | 1.8 | 6460995 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.98 | 77.4 | Pn | 09:21:14.271 | 1.3 | T__ | 41.1 | | | ML | 1.7 | 6460996 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| PSZ | 0.98 | 77.4 | Lg | 09:21:26.639 | -1.6 | T__ | | | | | | 6460997 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.04 | 309.7 | Pn | 09:21:14.495 | 0.4 | T__ | | | | | | 6460999 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | | |
| MODS | 1.04 | 309.7 | Lg | 09:21:28.874 | -1.1 | T__ | | | | | | 6460998 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | | |
| HU02A | 1.44 | 72.8 | Pn | 09:21:19.635 | 0.3 | T__ | 33.1 | | | ML | 1.8 | 6461000 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/04/14 | 19:42:25.25 | 0.84 | 0.33 | 47.7729 | 16.3078 | 4.0 | 3.2 | 29 | 13.0 | 4.0 | 23 | 13 | 69 | 0.07 | 1.29 | ke | BUD | 17000880 | BUD | | | 105 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.6 | 0.1 | 10 BUD | 17000880 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| RONA | 0.07 | 186.0 | Pg | 19:42:28.327 | 0.1 | | | | | T__ | | 176.1 | | _d | ML | 0.8 | 6462504 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.07 | 186.0 | Lg | 19:42:30.078 | -0.3 | | | | | T__ | | | | | | 6462503 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.19 | 117.8 | Pg | 19:42:29.966 | 0.1 | | | | | T__ | | 103.2 | | _c | ML | 0.8 | 6462505 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.19 | 117.8 | Lg | 19:42:32.872 | -0.2 | | | | | T__ | | | | | | 6462506 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.34 | 297.5 | Pg | 19:42:32.425 | -0.1 | | | | | T__ | | 49.2 | | | ML | 0.9 | 6462501 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.34 | 297.5 | Lg | 19:42:37.435 | -0.0 | | | | | T__ | | | | | | 6462502 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.56 | 151.0 | Lg | 19:42:44.583 | 0.4 | | | | | T__ | | | | | | 6462513 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A013A | 0.67 | 295.9 | Pg | 19:42:38.348 | -0.0 | | | | | T__ | | 85.9 | | | ML | 1.8 | 6462510 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.67 | 295.9 | Lg | 19:42:47.512 | 0.2 | | | | | T__ | | | | | | 6462509 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.74 | 323.8 | Pg | 19:42:39.540 | -0.0 | | | | | T__ | | 52.4 | | | ML | 1.6 | 6462507 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.74 | 323.8 | Lg | 19:42:49.337 | -0.4 | | | | | T__ | | | | | | 6462508 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ARSA | 0.75 | 225.8 | Pg | 19:42:39.498 | -0.3 | T__ | 42.9 | --- | ML | 1.5 | 6462515 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.75 | 225.8 | Lg | 19:42:49.183 | -0.2 | T__ | | --- | | | 6462514 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.78 | 116.8 | Pg | 19:42:40.913 | 0.2 | T__ | 107.2 | --- | ML | 2.0 | 6462516 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.78 | 116.8 | Lg | 19:42:51.940 | 0.0 | T__ | | --- | | | 6462517 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A018A | 0.83 | 268.4 | Pg | 19:42:41.249 | -0.2 | T__ | 39.2 | --- | ML | 1.6 | 6462519 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.83 | 268.4 | Lg | 19:42:52.424 | 0.4 | T__ | | --- | | | 6462518 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.89 | 46.9 | Pg | 19:42:42.888 | -0.1 | T__ | | --- | | | 6462521 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.89 | 46.9 | Lg | 19:42:55.442 | -0.7 | T__ | | --- | | | 6462520 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| A001A | 0.97 | 11.1 | Lg | 19:42:59.097 | 0.7 | T__ | | --- | | | 6462512 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| A006A | 0.99 | 348.9 | Pg | 19:42:44.532 | 0.2 | T__ | 47.4 | --- | ML | 1.7 | 6462511 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.29 | 2.6 | Pn | 19:42:48.625 | 0.3 | T__ | 65.8 | --- | ML | 2.0 | 6462523 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.29 | 2.6 | Sn | 19:43:05.909 | 0.4 | T__ | | --- | | | 6462522 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/15 | 08:07:45.46 | 1.23 | 0.87 | 47.3702 | 18.3999 | 9.4 | 5.0 | 154 | 0.0f | | 8 | 6 | 96 | 0.10 | 1.17 | sx | BUD | 17000882 | BUD | | | 191 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.10 | 265.8 | Pg | 08:07:48.278 | 0.3 | | | | | T__ | | 1784.6 | | _c_ | ML | 1.8 | 6463235 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.10 | 265.8 | Lg | 08:07:49.769 | -0.8 | | | | | T__ | | | | --- | | 6463236 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.27 | 357.5 | Lg | 08:07:56.250 | -0.2 | | | | | T__ | | | | --- | | 6463237 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| BUD | 0.44 | 74.8 | Lg | 08:08:01.950 | -0.5 | | | | | T__ | | | | --- | | 6463238 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.15 | 61.0 | Sn | 08:08:26.312 | 0.5 | | | | | T__ | | | | --- | | 6463240 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 1.16 | 14.5 | Pn | 08:08:09.624 | 1.5 | | | | | T__ | | 17.3 | | --- | ML | 1.4 | 6463242 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.16 | 14.5 | Lg | 08:08:25.493 | -0.5 | | | | | T__ | | | | --- | | 6463241 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.17 | 171.7 | Sn | 08:08:25.120 | -0.3 | | | | | T__ | | | | --- | | 6463239 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/04/15 | 08:47:04.81 | 1.60 | 0.97 | 47.7900 | 19.1304 | 13.9 | 3.6 | 12 | 0.0f | | 9 | 5 | 230 | 0.09 | 0.99 | sx | BUD | 17000884 | BUD | | | | | 268 |

Magnitude Err Nsta Author OrigID
ML 1.5 0.4 5 BUD 17000884

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| HU10A | 0.09 | 306.3 | Pg | 08:47:07.642 | 0.4 | | | | | T__ | | 2830.4 | | --- | ML | 2.0 | 6463679 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| HU10A | 0.09 | 306.3 | Lg | 08:47:08.706 | -0.7 | T__ | | | | | | | | 6463685 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.34 | 70.0 | Pg | 08:47:12.783 | 0.6 | T__ | 112.3 | | | | | | | 6463681 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.34 | 70.0 | Lg | 08:47:18.222 | 0.6 | T__ | | | | | | | | 6463680 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.53 | 75.7 | Pg | 08:47:15.986 | -0.4 | T__ | 57.5 | | | | | | | 6463682 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.53 | 75.7 | Lg | 08:47:24.033 | -0.8 | T__ | | | | | | | | 6463683 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| VVHS | 0.73 | 344.5 | Pg | 08:47:20.626 | 0.9 | T__ | 21.2 | | | | | | | 6463687 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VVHS | 0.73 | 344.5 | Lg | 08:47:29.492 | -1.1 | T__ | | | | | | | | 6463686 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.99 | 70.0 | Pn | 08:47:23.847 | -1.2 | T__ | 62.0 | | | | | | | 6463684 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/15 | 09:10:11.81 | 1.39 | 0.44 | 47.2362 | 18.2418 | 11.7 | 6.4 | 72 | 0.0f | | 8 | 5 | 167 | 0.07 | 1.06 | sx | BUD | 17000886 | BUD | | | 326 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.0 | 3 BUD | 17000886 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.07 | 342.3 | Pg | 09:10:14.265 | 0.4 | | | | | T__ | | 319.4 | | | ML | 1.0 | 6463715 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.07 | 342.3 | Lg | 09:10:15.551 | -0.5 | | | | | T__ | | | | | | 6463716 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 5.7 | Pg | 09:10:15.412 | 0.4 | | | | | T__ | | 233.2 | | | ML | 1.0 | 6463718 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 5.7 | Lg | 09:10:17.913 | -0.1 | | | | | T__ | | | | | | 6463717 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.16 | 4.3 | Pg | 09:10:15.481 | -0.1 | | | | | T__ | | 254.4 | | | ML | 1.1 | 6463720 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.16 | 4.3 | Lg | 09:10:18.886 | -0.2 | | | | | T__ | | | | | | 6463719 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.17 | 331.9 | Lg | 09:10:18.747 | -0.5 | | | | | T__ | | | | | | 6463721 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.06 | 164.7 | Lg | 09:10:47.951 | -0.3 | | | | | T__ | | | | | | 6463722 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/04/15 | 09:33:45.62 | 0.91 | 0.88 | 48.2471 | 21.1885 | 4.9 | 4.1 | 177 | 0.0f | | 19 | 10 | 86 | 0.06 | 1.51 | kx | BUD | 17000888 | BUD | | | 152 |
| 2021/04/15 | 09:33:45.17 | 0.86 | 0.84 | 48.2470 | 21.2460f | | | | 0.0f | | 19 | 10 | 88 | 0.05 | 1.55 | kx | BUD_GT | 17000889 | BUD_GT | | | 153 |

(locality : Tallya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 2.0 | 0.2 | 8 BUD_GT | 17000889 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 09:33:47.167 | 0.4 | | | | | T__ | | 12793.0 | | --- | ML | 2.5 | 6463764 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 09:33:48.508 | 0.2 | | | | | T__ | | | | --- | | 6463765 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 09:33:55.362 | -0.4 | | | | | T__ | | 115.7 | | --- | ML | 1.7 | 6463762 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 09:34:01.465 | -2.4 | | | | | T__ | | | | --- | | 6463767 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 09:33:56.325 | 0.4 | | | | | T__ | | 103.7 | | --- | ML | 1.8 | 6463776 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 09:34:03.626 | -0.4 | | | | | T__ | | | | --- | | 6463775 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 09:33:56.846 | 0.4 | | | | | T__ | | 169.4 | | --- | ML | 2.0 | 6463766 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 09:34:04.408 | -0.6 | | | | | T__ | | | | --- | | 6463777 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.70 | 186.1 | Pg | 09:34:00.720 | 0.8 | | | | | T__ | | 352.5 | | --- | ML | 2.4 | 6463770 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU05A | 0.70 | 186.1 | Lg | 09:34:13.013 | 1.6 | | | | | T__ | | | | --- | | 6463769 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Pn | 09:34:03.738 | 0.2 | | | | | T__ | | 128.1 | | --- | ML | 2.1 | 6463778 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 09:34:16.313 | -0.3 | | | | | T__ | | | | --- | | 6463774 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 09:34:04.892 | -0.1 | | | | | T__ | | 94.0 | | --- | ML | 2.0 | 6463771 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 09:34:18.905 | -1.0 | | | | | T__ | | | | --- | | 6463763 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 09:34:05.451 | 0.4 | | | | | T__ | | | | --- | | 6463768 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.97 | 44.4 | Lg | 09:34:19.533 | 0.1 | | | | | T__ | | | | --- | | 6463779 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 1.33 | 332.3 | Pn | 09:34:09.958 | -0.2 | | | | | T__ | | 40.2 | | --- | ML | 1.8 | 6463772 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.33 | 332.3 | Lg | 09:34:29.553 | -0.2 | | | | | T__ | | | | --- | | 6463780 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 1.55 | 255.8 | Sn | 09:34:33.501 | -1.0 | | | | | T__ | | | | --- | | 6463773 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/16 | 06:15:22.64 | 1.00 | 1.15 | 47.1009 | 17.9468 | 6.0 | 4.3 | 150 | 0.0f | | 10 | 7 | 110 | 0.27 | 1.02 | sx | BUD | 17000890 | BUD | | | 183 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.3 | 3 BUD | 17000890 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.27 | 41.7 | Lg | 06:15:32.815 | -1.0 | | | | | T__ | | | | --- | | 6463841 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.29 | 284.2 | Pg | 06:15:29.459 | 0.5 | | | | | T__ | | 95.2 | | --- | ML | 1.1 | 6463838 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.29 | 284.2 | Lg | 06:15:33.554 | -0.4 | | | | | T__ | | | | --- | | 6463833 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.33 | 357.3 | Lg | 06:15:34.749 | -1.0 | | | | | T__ | | | | --- | | 6463839 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.34 | 39.1 | Pg | 06:15:31.061 | 1.1 | | | | | T__ | | 106.4 | | --- | ML | 1.3 | 6463840 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.34 | 39.1 | Lg | 06:15:34.709 | -1.5 | | | | | T__ | | | | --- | | 6463834 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

(Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 MSW1 0.36 35.9 Lg 06:15:35.943 -1.0 T__ --- 6463842 FDSN HU -- BUD iLoc HHN ??? _
 MORH 1.01 151.3 Lg 06:15:56.874 -0.6 T__ --- 6463835 FDSN HU -- BUD iLoc HHE ??? _
 KOVH 1.02 174.0 Pn 06:15:43.165 0.2 T__ 37.4 --- ML 1.6 6463837 FDSN HU -- BUD iLoc HHZ HHZ _
 KOVH 1.02 174.0 Lg 06:15:56.650 -1.4 T__ --- 6463836 FDSN HU -- BUD iLoc HHE ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/16 | 07:00:05.77 | 1.10 | 1.40 | 48.4138 | 17.3252 | 13.2 | 3.5 | 121 | 0.0f | | 6 | 4 | 188 | 0.05 | 0.89 | sx | BUD | 17000892 | BUD | | | 258 |

Magnitude Err Nsta Author OrigID
 ML 1.8 0.1 3 BUD 17000892

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| MODS | 0.05 | 218.4 | Pg | 07:00:07.427 | -0.1 | | | | | T__ | | | | | | 6463865 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.05 | 218.4 | Lg | 07:00:09.476 | 0.3 | | | | | T__ | | | | | | 6463866 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 0.50 | 27.1 | Pg | 07:00:17.001 | 0.7 | | | | | T__ | | 126.9 | | | | 6463867 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.50 | 27.1 | Lg | 07:00:22.608 | -1.8 | | | | | T__ | | | | | | 6463870 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |

(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 SOP 0.89 215.4 Pn 07:00:26.314 1.4 T__ 72.2 --- ML 1.9 6463869 FDSN HU -- BUD iLoc HHZ HHZ _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1
 KRUC 0.89 316.8 Pg 07:00:23.185 0.2 T__ 40.8 --- ML 1.6 6463868 FDSN CZ -- BUD iLoc HHZ HHZ _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/16 | 07:30:05.76 | 1.53 | 0.48 | 47.9927 | 20.3644 | 15.5 | 4.1 | 144 | 0.0f | | 7 | 4 | 217 | 0.17 | 0.52 | sx | BUD | 17000894 | BUD | | | 329 |

Magnitude Err Nsta Author OrigID
 ML 1.1 0.2 3 BUD 17000894

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|-------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| HU02A | 0.17 | 39.7 | Pg | 07:30:10.024 | 0.2 | | | | | T__ | | 192.9 | | | | 6463913 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.17 | 39.7 | Lg | 07:30:12.509 | -0.7 | | | | | T__ | | | | | | 6463918 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |

(Reading ML: 1.1 magdef=1
 (Station ML: 1.1 magdef=1
 PSZ 0.32 256.9 Pg 07:30:13.345 0.2 T__ 52.0 --- ML 0.9 6463914 FDSN GE -- BUD iLoc HHZ HHZ _
 PSZ 0.32 256.9 Lg 07:30:18.241 -0.5 T__ --- 6463915 FDSN GE -- BUD iLoc HHN ??? _
 (Reading ML: 0.9 magdef=1
 (Station ML: 0.9 magdef=1
 KECS 0.50 9.3 Lg 07:30:23.450 -0.1 T__ --- 6463916 FDSN SK -- BUD iLoc EHZ ??? _
 JJS 0.52 13.0 Pg 07:30:16.509 0.3 T__ 35.0 --- ML 1.3 6463917 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JJS 0.52 13.0 Lg 07:30:23.973 -0.2 T__ --- 6463919 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/16 | 09:14:38.07 | 1.00 | 1.02 | 48.4155 | 18.7497 | 8.8 | 4.1 | 10 | 0.0f | | 13 | 8 | 87 | 0.10 | 1.22 | sx | BUD | 17000896 | BUD | | | 145 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.0 | 6 BUD | 17000896 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VVHS | 0.10 | 36.2 | Pg | 09:14:40.508 | 0.2 | | | | | T__ | | 472.1 | | --- | ML | 1.2 | 6464091 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VVHS | 0.10 | 36.2 | Lg | 09:14:41.413 | -0.8 | | | | | T__ | | | | --- | | 6464100 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A331A | 0.81 | 334.8 | Pg | 09:14:55.557 | 1.5 | | | | | T__ | | 58.3 | | --- | ML | 1.7 | 6464092 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.84 | 302.2 | Pg | 09:14:55.830 | 0.5 | | | | | T__ | | 67.1 | | --- | ML | 1.8 | 6464102 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.84 | 302.2 | Lg | 09:15:06.111 | -2.2 | | | | | T__ | | | | --- | | 6464101 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.91 | 122.6 | Pn | 09:14:57.644 | 0.3 | | | | | T__ | | 45.6 | | --- | ML | 1.7 | 6464094 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.91 | 122.6 | Lg | 09:15:11.177 | 0.1 | | | | | T__ | | | | --- | | 6464103 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.98 | 268.1 | Lg | 09:15:12.172 | -0.7 | | | | | T__ | | | | --- | | 6464093 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 1.13 | 209.7 | Sn | 09:15:18.057 | 0.4 | | | | | T__ | | | | --- | | 6464095 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| JOS | 1.19 | 85.5 | Pn | 09:15:01.145 | 0.1 | | | | | T__ | | 27.2 | | --- | ML | 1.6 | 6464097 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.19 | 85.5 | Lg | 09:15:18.057 | -1.2 | | | | | T__ | | | | --- | | 6464096 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.22 | 103.2 | Pn | 09:15:02.114 | 0.6 | | | | | T__ | | 31.4 | | --- | ML | 1.7 | 6464098 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.22 | 103.2 | Sn | 09:15:20.218 | 0.1 | | | | | T__ | | | | --- | | 6464099 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/16 | 09:49:14.55 | 1.04 | 0.68 | 47.0999 | 17.9588 | 7.7 | 4.1 | 141 | 0.0f | | 12 | 8 | 134 | 0.27 | 1.02 | sx | BUD | 17000898 | BUD | | | 215 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 5 BUD | 17000898 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.27 | 40.2 | Pg | 09:49:20.735 | 0.3 | | | | | T__ | | 261.0 | | --- | ML | 1.5 | 6464155 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.27 | 40.2 | Lg | 09:49:24.596 | -0.9 | | | | | T__ | | | | --- | | 6464154 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.29 | 284.0 | Lg | 09:49:25.809 | -0.3 | | | | | T__ | | | | --- | | 6464149 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MSW3 | 0.31 | 21.9 | Pg | 09:49:22.098 | 0.9 | | | | | T__ | | 466.0 | | --- | ML | 1.8 | 6464156 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.31 | 21.9 | Lg | 09:49:26.526 | -0.3 | | | | | T__ | | | | --- | | 6464157 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.33 | 355.9 | Lg | 09:49:27.076 | -0.6 | | | | | T__ | | | | --- | | 6464150 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|---------|------|----|-----|------|------|-----|-----|---|
| CSKK | 0.33 | 37.9 | Lg | 09:49:27.374 | -0.6 | T__ | | | | | | | | 6464151 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MSW1 | 0.36 | 34.8 | Pg | 09:49:22.370 | 0.2 | T__ | 129.5 | | | | | | | 6464159 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MSW1 | 0.36 | 34.8 | Lg | 09:49:27.844 | -0.9 | T__ | | | | | | | | 6464158 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |
| A261A | 0.57 | 255.3 | Pg | 09:49:26.390 | 0.0 | T__ | 465.4 | | | | | | | 2.5 | 6464160 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.02 | 174.5 | Pn | 09:49:35.644 | 0.8 | T__ | 29.6 | | | | | | | 1.5 | 6464153 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.02 | 174.5 | Lg | 09:49:49.874 | -0.1 | T__ | | | | | | | | | 6464152 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/16 | 12:54:44.76 | 2.66 | 0.20 | 45.8655 | 18.5159 | 20.3 | 5.6 | 169 | 10.0f | | 6 | 3 | 265 | 0.36 | 0.63 | | ke BUD | 17000900 | BUD | | | 331 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.7 | 3 BUD | 17000900 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MORH | 0.36 | 14.2 | Pg | 12:54:52.280 | 0.0 | | | | | T__ | | 270.3 | | | ML | 1.7 | 6464343 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.36 | 14.2 | Lg | 12:54:57.801 | -0.1 | | | | | T__ | | | | | | 6464341 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.37 | 307.7 | Pg | 12:54:52.362 | -0.1 | | | | | T__ | | 68.5 | | | ML | 1.2 | 6464339 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.37 | 307.7 | Lg | 12:54:58.099 | 0.3 | | | | | T__ | | | | | | 6464340 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 0.63 | 42.6 | Pg | 12:54:57.354 | 0.1 | | | | | T__ | | 244.1 | | | ML | 2.2 | 6464342 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU22A | 0.63 | 42.6 | Lg | 12:55:07.182 | -0.2 | | | | | T__ | | | | | | 6464344 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/17 | 08:40:14.67 | 3.14 | 0.68 | 48.5249 | 20.7802 | 19.1 | 7.5 | 51 | 0.0f | | 10 | 5 | 293 | 0.16 | 1.29 | | sx BUD | 17000904 | BUD | | | 315 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.2 | 5 BUD | 17000904 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.16 | 259.8 | Pg | 08:40:18.370 | 0.2 | | | | | T__ | | 354.0 | | | ML | 1.3 | 6466890 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.16 | 259.8 | Lg | 08:40:21.276 | 0.4 | | | | | T__ | | | | | | 6466889 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 258.1 | Pg | 08:40:18.668 | -0.2 | | | | | T__ | | 961.3 | | | ML | 1.8 | 6466891 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 258.1 | Lg | 08:40:22.245 | 0.0 | | | | | T__ | | | | | | 6466892 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.44 | 203.0 | Pg | 08:40:24.107 | 0.1 | | | | | T__ | | 38.0 | | | ML | 1.1 | 6466893 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.44 | 203.0 | Lg | 08:40:31.483 | 0.3 | | | | | T__ | | | | | | 6466894 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |


```

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
PSZ 0.85 224.6 Pn 08:40:31.706 -1.2 T__ 42.7 ___ ML 1.6 6466896 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.85 224.6 Lg 08:40:44.745 -0.6 T__ ___ 6466895 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 1.29 269.4 Pn 08:40:39.231 0.1 T__ 16.3 ___ ML 1.4 6466898 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 269.4 Sn 08:40:57.485 -1.0 T__ ___ 6466897 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/17 08:53:00.85 1.07 0.91 46.1317 18.3239 7.7 3.6 166 0.0f 7 4 185 0.16 0.47 kx BUD 17000906 BUD 260
2021/04/17 08:53:01.20 0.96 0.93 46.1765 18.2926f 0.0f 7 4 155 0.16 0.42 kx BUD_GT 17000907 BUD_GT 239
(locality : Komló Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.4 3 BUD_GT 17000907

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 08:53:04.831 -0.2 T__ 321.7 ___ ML 1.3 6466927 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 08:53:07.663 -0.5 T__ ___ 6466928 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MORH 0.25 80.9 Pg 08:53:06.694 -0.0 T__ 101.1 ___ ML 1.0 6466925 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 08:53:09.376 -1.8 T__ ___ 6466926 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A266A 0.35 356.8 Lg 08:53:14.684 0.1 T__ ___ 6466930 FDSN Z3 00 BUD iLoc HHN ??? _
A265A 0.42 305.9 Pg 08:53:11.388 1.1 T__ 699.0 ___ ML 2.3 6466929 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.42 305.9 Lg 08:53:17.459 0.7 T__ ___ 6466931 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/17 15:02:15.73 0.89 0.47 48.2312 16.0597 4.8 3.4 108 9.0f 13 8 128 0.17 0.86 ke BUD 17000908 BUD 168

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.2 6 BUD 17000908

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A005B 0.17 34.6 Pg 15:02:19.682 0.2 T__ 153.6 ___ ML 1.0 6466967 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 0.17 34.6 Lg 15:02:22.574 0.3 T__ ___ 6466965 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A008A 0.30 297.0 Pg 15:02:21.730 -0.1 T__ 125.9 ___ ML 1.2 6466968 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.30 297.0 Lg 15:02:26.061 -0.1 T__ ___ 6466969 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

```

| | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|--------|-----|---------|------|----|----|-----|------|-----|-----|---|
| CONA | 0.33 | 203.7 | Pg | 15:02:22.500 | -0.2 | T__ | 54.1 | _d_ ML | 1.0 | 6466963 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.33 | 203.7 | Lg | 15:02:27.305 | -0.1 | T__ | | --- | | 6466964 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | |
| A013A | 0.47 | 249.3 | Pg | 15:02:24.934 | -0.0 | T__ | 81.3 | ___ ML | 1.5 | 6466970 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.47 | 249.3 | Lg | 15:02:31.328 | 0.2 | T__ | | --- | | 6466966 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | |
| RONA | 0.56 | 163.3 | Pg | 15:02:27.113 | 0.1 | T__ | 29.8 | ___ ML | 1.3 | 6466971 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.56 | 163.3 | Lg | 15:02:34.266 | -0.2 | T__ | | --- | | 6466972 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | |
| A001A | 0.61 | 35.1 | Pg | 15:02:28.082 | 0.2 | T__ | 46.1 | ___ ML | 1.5 | 6466973 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | |
| A018A | 0.82 | 233.9 | Lg | 15:02:42.424 | 0.3 | T__ | | --- | | 6466974 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| KRUC | 0.86 | 14.9 | Lg | 15:02:43.504 | -1.3 | T__ | | --- | | 6466975 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/17 | 21:31:34.36 | 1.39 | 0.35 | 47.3709 | 18.1521 | 5.9 | 3.8 | 22 | 5.0 | 8.8 | 10 | 6 | 139 | 0.02 | 0.48 | | ke BUD | 17000910 | BUD | | | 152 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.8 | 0.0 | 5 BUD | 17000910 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|--------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| MSW3 | 0.02 | 304.8 | Pg | 21:31:35.865 | 0.3 | | | | | T__ | | 240.1 | | _c_ ML | 0.7 | 6469155 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.02 | 304.8 | Lg | 21:31:36.473 | -0.3 | | | | | T__ | | | | --- | | 6469156 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.07 | 96.0 | Pg | 21:31:36.651 | 0.3 | | | | | T__ | | 223.7 | | ___ ML | 0.9 | 6469151 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.07 | 96.0 | Lg | 21:31:37.992 | -0.3 | | | | | T__ | | | | --- | | 6469152 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 73.1 | Pg | 21:31:36.639 | 0.2 | | | | | T__ | | 178.1 | | _d_ ML | 0.8 | 6469158 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 73.1 | Lg | 21:31:37.993 | -0.3 | | | | | T__ | | | | --- | | 6469157 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.08 | 149.7 | Pg | 21:31:36.747 | 0.3 | | | | | T__ | | 74.7 | | _c_ ML | 0.4 | 6469159 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.08 | 149.7 | Lg | 21:31:38.101 | -0.3 | | | | | T__ | | | | --- | | 6469160 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.17 | 291.4 | Lg | 21:31:40.786 | -0.3 | | | | | T__ | | | | --- | | 6469153 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| A267A | 0.48 | 152.0 | Pg | 21:31:44.101 | 0.1 | | | | | T__ | | 87.8 | | ___ ML | 1.6 | 6469154 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/04/18 | 03:19:10.43 | 0.89 | 1.02 | 47.7553 | 16.1325 | 4.3 | 3.2 | 40 | 9.0f | | 17 | 10 | 102 | 0.12 | 1.02 | | ke BUD | 17000912 | BUD | | | | 196 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

ML 1.5 0.2 7 BUD 17000912

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| RONA | 0.12 | 116.6 | Pg | 03:19:13.454 | -0.2 | | | | | T__ | | 73.5 | | _d_ | ML | 0.5 6471287 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 116.6 | Lg | 03:19:15.503 | -0.4 | | | | | T__ | | | | --- | | 6471286 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.25 | 313.6 | Pg | 03:19:16.062 | 0.2 | | | | | T__ | | 45.4 | | --- | ML | 0.7 6471288 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.25 | 313.6 | Lg | 03:19:19.657 | 0.0 | | | | | T__ | | | | --- | | 6471289 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.27 | 40.5 | Pg | 03:19:16.602 | 0.5 | | | | | T__ | | 330.7 | | --- | ML | 1.6 6471291 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.27 | 40.5 | Lg | 03:19:22.097 | 2.0 | | | | | T__ | | | | --- | | 6471290 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.30 | 103.9 | Pg | 03:19:16.583 | -0.1 | | | | | T__ | | 53.8 | | _c_ | ML | 0.9 6471292 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.30 | 103.9 | Lg | 03:19:20.495 | -0.4 | | | | | T__ | | | | --- | | 6471293 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.62 | 4.5 | Pg | 03:19:22.691 | 0.2 | | | | | T__ | | 60.5 | | --- | ML | 1.6 6471301 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.62 | 4.5 | Lg | 03:19:30.905 | -0.4 | | | | | T__ | | | | --- | | 6471302 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.65 | 219.5 | Pg | 03:19:23.400 | 0.2 | | | | | T__ | | 43.6 | | --- | ML | 1.5 6471295 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.65 | 219.5 | Lg | 03:19:32.117 | 0.7 | | | | | T__ | | | | --- | | 6471294 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 332.5 | Pg | 03:19:23.642 | -0.1 | | | | | T__ | | 65.5 | | --- | ML | 1.7 6471296 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 332.5 | Lg | 03:19:32.713 | -0.6 | | | | | T__ | | | | --- | | 6471297 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.99 | 50.7 | Sn | 03:19:42.548 | -1.8 | | | | | T__ | | | | --- | | 6471299 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| A006A | 0.99 | 355.7 | Lg | 03:19:41.877 | -2.1 | | | | | T__ | | | | --- | | 6471298 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| A001A | 1.02 | 17.3 | Sn | 03:19:43.889 | -1.1 | | | | | T__ | | | | --- | | 6471300 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|---|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|--|
| 2021/04/19 | 06:05:38.82 | 1.05 | 0.94 | 47.3245 | 18.2688 | 6.0 | 3.5 | 113 | 0.0f | | 13 | 8 | 148 | 0.04 | 1.24 | kx | BUD | 17000916 | BUD | | | 222 | | |
| 2021/04/19 | 06:05:38.47 | 0.91 | 0.90 | 47.3167 | 18.3081f | | | | 0.0f | | 13 | 8 | 151 | 0.06 | 1.27 | kx | BUD_GT | 17000917 | BUD_GT | | | 241 | | |
| (locality : Magyaralmás Hungary) (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 5 BUD_GT 17000917

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| CSKK | 0.06 | 325.1 | Pg | 06:05:40.571 | 0.3 | | | | | T__ | | 1349.2 | | --- | ML | 1.6 6482110 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 325.1 | Lg | 06:05:41.544 | -0.7 | | | | | T__ | | | | --- | | 6482115 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.07 | 257.7 | Lg | 06:05:41.077 | -1.5 | | | | | T__ | | | | --- | | 6482114 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MSW1 | 0.08 | 336.4 | Pg | 06:05:41.057 | 0.3 | | | | | T__ | | 740.4 | | --- | ML | 1.4 6482116 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 336.4 | Lg | 06:05:41.868 | -1.3 | | | | | T__ | | | | --- | | 6482117 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW3 0.14 298.3 Pg 06:05:42.456 0.6 T__ 274.0 ___ ML 1.1 6482119 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.14 298.3 Lg 06:05:43.754 -1.2 T__ ___ 6482118 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU09A 0.33 8.9 Pg 06:05:46.605 1.2 T__ 124.4 ___ ML 1.3 6482111 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.33 8.9 Lg 06:05:51.136 -0.3 T__ ___ 6482120 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MORH 1.13 168.1 Pg 06:06:01.767 0.9 T__ 24.0 ___ ML 1.5 6482112 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.13 168.1 Lg 06:06:16.690 -0.5 T__ ___ 6482121 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 1.23 16.6 Sn 06:06:20.259 -0.5 T__ ___ 6482122 FDSN SK -- BUD iLoc HHE ??? _
MODS 1.27 327.1 Sn 06:06:20.765 -0.8 T__ ___ 6482113 FDSN SK -- BUD iLoc HHE ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/19 10:05:52.45 1.00 1.25 48.7361 20.7912 6.1 4.2 83 10.0f 12 6 170 0.29 1.01 ke BUD 17000918 BUD 286

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Magnitude Err Nsta Author OrigID
ML 1.3 0.1 6 BUD 17000918

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.29 214.9 Pg 10:05:59.154 0.6 T__ 80.9 ___ ML 1.0 6482371 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.29 214.9 Lg 10:06:02.954 -0.3 T__ ___ 6482372 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
KECS 0.32 218.8 Pg 10:05:59.564 0.3 T__ 283.7 ___ ML 1.7 6482374 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.32 218.8 Lg 10:06:03.923 -0.4 T__ ___ 6482373 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ABAH 0.53 145.7 Pg 10:06:03.782 0.7 T__ 43.6 ___ ML 1.4 6482376 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.53 145.7 Lg 10:06:09.677 -1.6 T__ ___ 6482377 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.64 196.2 Pg 10:06:05.785 0.1 T__ 23.7 ___ ML 1.2 6482375 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.64 196.2 Lg 10:06:13.545 -1.6 T__ ___ 6482378 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
NIE 0.76 334.9 Pg 10:06:07.079 0.3 T__ 20.1 ___ ML 1.2 6482380 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.76 334.9 Lg 10:06:16.168 -1.0 T__ ___ 6482379 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 1.01 216.5 Pn 10:06:14.398 2.5 T__ 34.9 ___ ML 1.6 6482381 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.01 216.5 Sn 10:06:27.547 0.3 T__ ___ 6482382 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

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2021/04/19 13:22:35.80 0.94 0.54 47.8447 16.0352 16.7 3.2 36 0.0f 8 5 168 0.14 0.58 sx BUD 17000920 BUD 183

Magnitude Err Nsta Author OrigID
 ML 1.1 0.4 3 BUD 17000920

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| CONA | 0.14 | 305.7 | Pg | 13:22:38.880 | -0.0 | | | | | T__ | | 265.6 | | --- | ML | 1.1 6482455 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.14 | 305.7 | Lg | 13:22:40.817 | -0.3 | | | | | T__ | | | | --- | | 6482456 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.23 | 129.4 | Pg | 13:22:40.855 | 0.2 | | | | | T__ | | 55.8 | | _c_ | ML | 0.7 6482458 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.23 | 129.4 | Lg | 13:22:44.021 | -0.0 | | | | | T__ | | | | --- | | 6482457 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.39 | 114.4 | Lg | 13:22:48.640 | -0.7 | | | | | T__ | | | | --- | | 6482459 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| A013A | 0.48 | 297.6 | Pg | 13:22:45.697 | 0.7 | | | | | T__ | | 56.9 | | --- | ML | 1.4 6482460 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.48 | 297.6 | Lg | 13:22:50.577 | -0.6 | | | | | T__ | | | | --- | | 6482461 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.58 | 334.1 | Lg | 13:22:55.197 | 0.2 | | | | | T__ | | | | --- | | 6482462 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/04/19 19:18:17.15 0.94 0.72 47.7668 16.1877 7.4 4.5 40 12.5 0.7 11 7 88 0.10 1.18 ke BUD 17000922 BUD 167

Magnitude Err Nsta Author OrigID
 ML 1.3 0.8 4 BUD 17000922

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| RONA | 0.10 | 132.4 | Pg | 19:18:20.439 | 0.0 | | | | | T__ | | 50.0 | | _d_ | ML | 0.3 6482490 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.10 | 132.4 | Lg | 19:18:22.413 | -0.3 | | | | | T__ | | | | --- | | 6482491 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.3 magdef=1 Station ML: 0.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 306.5 | Lg | 19:18:27.405 | 0.1 | | | | | T__ | | | | --- | | 6482492 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| A013A | 0.60 | 299.7 | Pg | 19:18:29.007 | -0.0 | | | | | T__ | | 25.1 | | --- | ML | 1.2 6482494 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.60 | 299.7 | Lg | 19:18:37.128 | 0.1 | | | | | T__ | | | | --- | | 6482493 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.69 | 221.3 | Pg | 19:18:30.534 | -0.1 | | | | | T__ | | 28.0 | | --- | ML | 1.3 6482495 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.69 | 221.3 | Lg | 19:18:39.288 | -0.1 | | | | | T__ | | | | --- | | 6482496 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 329.4 | Lg | 19:18:39.922 | -0.5 | | | | | T__ | | | | --- | | 6482497 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| MODS | 0.95 | 49.9 | Lg | 19:18:50.017 | -0.1 | | | | | T__ | | | | --- | | 6482498 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| A337A | 1.18 | 65.5 | Pn | 19:18:39.512 | 0.9 | | | | | T__ | | 269.5 | | --- | ML | 2.6 6482500 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A337A | 1.18 | 65.5 | Sn | 19:18:56.387 | 1.5 | | | | | T__ | | | | --- | | 6482499 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/04/19 22:57:12.18 0.66 0.98 47.7695 16.1681 3.5 2.7 52 12.1 1.1 110 77 46 0.11 4.23 ke BUD 17000924 BUD 78

Magnitude Err Nsta Author OrigID
 ML 4.3 0.1 74 BUD 17000924

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|----------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 128.9 | Pg | 22:57:15.035 | -0.5 | | | | | T__ | | 92087.3 | | _d_ | ML | 3.6 | 6482699 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 128.9 | Lg | 22:57:17.084 | -0.8 | | | | | T__ | | | | --- | | 6482700 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.25 | 38.4 | Pg | 22:57:17.866 | 0.3 | | | | | T__ | | 181739.9 | | _c_ | ML | 4.2 | 6482706 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.25 | 38.4 | Lg | 22:57:23.119 | 1.8 | | | | | T__ | | | | --- | | 6482705 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 4.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 307.7 | Pg | 22:57:17.568 | -0.4 | | | | | T__ | | 69875.3 | | --- | ML | 3.9 | 6482702 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 307.7 | Lg | 22:57:21.740 | -0.2 | | | | | T__ | | | | --- | | 6482701 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 108.0 | Pg | 22:57:18.052 | -0.2 | | | | | T__ | | 35957.3 | | _c_ | ML | 3.6 | 6482703 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 108.0 | Lg | 22:57:21.740 | -0.6 | | | | | T__ | | | | --- | | 6482704 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 300.1 | Pg | 22:57:23.752 | -0.0 | | | | | T__ | | 85076.1 | | --- | ML | 4.8 | 6482708 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 300.1 | Lg | 22:57:31.463 | -0.1 | | | | | T__ | | | | --- | | 6482709 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 4.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.60 | 2.4 | Pg | 22:57:24.348 | 0.3 | | | | | T__ | | 188947.2 | | --- | ML | 5.1 | 6482711 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.60 | 2.4 | Lg | 22:57:32.804 | 0.1 | | | | | T__ | | | | --- | | 6482710 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 5.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 5.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.61 | 143.0 | Pg | 22:57:24.125 | -0.3 | | | | | T__ | | 18989.9 | | _d_ | ML | 4.1 | 6482707 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.61 | 143.0 | Lg | 22:57:32.794 | 0.1 | | | | | T__ | | | | --- | | 6482769 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A002B | 0.66 | 25.5 | Pn | 22:57:25.950 | -0.7 | | | | | T__ | | 53189.4 | | --- | ML | 4.6 | 6482713 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.68 | 220.3 | Pg | 22:57:25.056 | -0.5 | | | | | T__ | | 45978.4 | | --- | ML | 4.5 | 6482712 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.68 | 220.3 | Lg | 22:57:33.735 | -0.4 | | | | | T__ | | | | --- | | 6482770 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 4.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 330.2 | Pg | 22:57:25.242 | -0.3 | | | | | T__ | | 54116.8 | | --- | ML | 4.6 | 6482714 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 330.2 | Lg | 22:57:34.369 | -0.8 | | | | | T__ | | | | --- | | 6482715 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| (Reading ML: 4.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.74 | 268.4 | Pg | 22:57:26.211 | -0.4 | | | | | T__ | | 25462.5 | | --- | ML | 4.3 | 6482716 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.86 | 113.7 | Pn | 22:57:29.414 | 0.1 | | | | | T__ | | 19503.9 | | --- | ML | 4.3 | 6482717 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.86 | 113.7 | Lg | 22:57:41.236 | -0.3 | | | | | T__ | | | | --- | | 6482771 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 4.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.94 | 164.8 | Pn | 22:57:31.314 | 0.9 | | | | | T__ | | 26446.5 | | --- | ML | 4.4 | 6482718 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|---|------|-------|----|--------------|------|-----|---------|--------|-----|---------|------|----|----|-----|------|-----|-----|---|
| (Reading ML: 4.5 magdef=1 (Station ML: 4.5 magdef=1) | | | | | | | | | | | | | | | | | | |
| HU09A | 1.50 | 94.2 | Pn | 22:57:38.137 | 0.2 | T__ | 7220.7 | _d_ ML | 4.2 | 6482736 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 1.50 | 94.2 | Sn | 22:57:58.029 | 0.1 | T__ | | --- | | 6482779 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1) | | | | | | | | | | | | | | | | | | |
| VRAC | 1.57 | 10.2 | Pn | 22:57:39.180 | -0.1 | T__ | 4513.2 | _d_ ML | 4.0 | 6482737 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 1.57 | 10.2 | Sn | 22:57:59.686 | 0.3 | T__ | | --- | | 6482780 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=0) | | | | | | | | | | | | | | | | | | |
| TREC | 1.59 | 343.7 | Pn | 22:57:40.447 | 0.7 | T__ | 23158.1 | ___ ML | 4.7 | 6482738 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| TREC | 1.59 | 343.7 | Sn | 22:58:01.674 | 1.9 | T__ | | --- | | 6482781 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 4.7 magdef=1 (Station ML: 4.7 magdef=0) | | | | | | | | | | | | | | | | | | |
| CKRC | 1.63 | 311.0 | Pn | 22:57:40.931 | 0.8 | T__ | 27383.2 | ___ ML | 4.8 | 6482739 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.63 | 311.0 | Sn | 22:58:02.391 | 1.2 | T__ | | --- | | 6482782 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 4.8 magdef=1 (Station ML: 4.8 magdef=0) | | | | | | | | | | | | | | | | | | |
| OBKA | 1.68 | 221.8 | Pn | 22:57:41.639 | 0.3 | T__ | 6681.5 | _c_ ML | 4.3 | 6482740 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1) | | | | | | | | | | | | | | | | | | |
| A265A | 1.75 | 139.8 | Pn | 22:57:41.974 | 0.8 | T__ | 4396.1 | ___ ML | 4.1 | 6482741 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | |
| A267A | 1.78 | 116.8 | Pn | 22:57:42.644 | 1.0 | T__ | 4559.7 | _d_ ML | 4.1 | 6482743 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | |
| A264A | 1.78 | 154.1 | Pn | 22:57:42.570 | 0.7 | T__ | 5256.2 | ___ ML | 4.2 | 6482742 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1) | | | | | | | | | | | | | | | | | | |
| PTJ | 1.87 | 184.3 | Pn | 22:57:43.725 | -0.0 | T__ | 6398.6 | _c_ ML | 4.3 | 6482744 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 1.87 | 184.3 | Lg | 22:58:13.618 | 1.4 | T__ | | --- | | 6482783 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1) | | | | | | | | | | | | | | | | | | |
| A266A | 1.90 | 130.2 | Pn | 22:57:44.283 | 1.0 | T__ | 5299.2 | ___ ML | 4.3 | 6482745 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1) | | | | | | | | | | | | | | | | | | |
| A271A | 1.91 | 107.8 | Pn | 22:57:44.619 | 1.1 | T__ | 3808.7 | ___ ML | 4.1 | 6482746 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A271A | 1.91 | 107.8 | Lg | 22:58:15.289 | -0.6 | T__ | | --- | | 6482784 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | |
| HU10A | 1.92 | 86.7 | Pn | 22:57:43.911 | 0.1 | T__ | 6933.1 | ___ ML | 4.4 | 6482748 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.4 magdef=1 (Station ML: 4.4 magdef=1) | | | | | | | | | | | | | | | | | | |
| VYHS | 1.93 | 66.9 | Pn | 22:57:44.060 | -0.1 | T__ | 1900.2 | ___ ML | 3.9 | 6482749 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.93 | 66.9 | Lg | 22:58:15.445 | -1.1 | T__ | | --- | | 6482785 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=0) | | | | | | | | | | | | | | | | | | |
| A331A | 1.94 | 43.9 | Pn | 22:57:45.513 | 1.0 | T__ | 3037.4 | ___ ML | 4.1 | 6482750 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A331A | 1.94 | 43.9 | Sn | 22:58:11.097 | 1.8 | T__ | | --- | | 6482786 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=0) | | | | | | | | | | | | | | | | | | |
| ZAG | 1.95 | 183.7 | Pn | 22:57:45.289 | 0.8 | T__ | 24732.1 | ___ ML | 5.0 | 6482747 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |

| | | | | | | | | | |
|--|-----|--------|--------|-------------|---------|--------|------|---------|---|
| (Reading ML: 5.0 magdef=1 (Station ML: 5.0 magdef=0 BUD 1.95 97.4 Pn 22:57:44.358 0.2 | T__ | 2627.0 | ___ ML | 4.0 6482751 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=0 CRES 2.00 194.4 Pn 22:57:45.662 0.1 | T__ | 2192.9 | ___ ML | 4.0 6482752 | FDSN SL | -- BUD | iLoc | BHZ BHZ | _ |
| (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=0 KOVH 2.14 141.1 Pn 22:57:46.928 0.3 | T__ | 1216.7 | ___ ML | 3.8 6482753 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=0 A272A 2.16 117.3 Pn 22:57:47.487 0.6 | T__ | 2519.4 | _d_ ML | 4.1 6482755 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1 A273A 2.17 148.0 Pn 22:57:48.083 1.0 | T__ | 3098.1 | ___ ML | 4.2 6482754 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 MORC 2.21 23.8 Pn 22:57:48.418 0.1 | T__ | 4036.9 | _d_ ML | 4.3 6482756 | FDSN CZ | -- BUD | iLoc | HHZ HHZ | _ |
| MORC 2.21 23.8 Sn 22:58:16.919 1.1 | T__ | | ___ | 6482787 | FDSN CZ | -- BUD | iLoc | HHN ??? | _ |
| (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 MORH 2.30 131.6 Pn 22:57:49.201 0.5 | T__ | 1002.3 | _d_ ML | 3.8 6482757 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=0 HU03A 2.32 85.4 Pn 22:57:49.797 0.6 | T__ | 2137.1 | _d_ ML | 4.1 6482758 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1 HU01A 2.38 99.0 Pn 22:57:50.840 0.8 | T__ | 2982.4 | ___ ML | 4.3 6482759 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 HU04A 2.45 111.8 Pn 22:57:51.473 0.6 | T__ | 1879.3 | ___ ML | 4.1 6482760 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1 PRU 2.47 334.8 Pn 22:57:52.814 0.9 | T__ | 9543.3 | ___ ML | 4.9 6482761 | FDSN CZ | -- BUD | iLoc | HHZ HHZ | _ |
| PRU 2.47 334.8 Sn 22:58:24.733 4.3 | T__ | | ___ | 6482788 | FDSN CZ | -- BUD | iLoc | HHN ??? | _ |
| (Reading ML: 4.9 magdef=1 (Station ML: 4.9 magdef=0 HU22A 2.49 124.4 Pn 22:57:52.106 0.8 | T__ | 2400.2 | ___ ML | 4.3 6482762 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 PSZ 2.51 85.2 Pn 22:57:52.144 -0.1 | T__ | 1804.3 | ___ ML | 4.2 6482763 | FDSN GE | -- BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 HU23A 2.76 91.2 Pn 22:57:55.831 0.5 | T__ | 1549.7 | ___ ML | 4.2 6482764 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ |
| HU23A 2.76 91.2 Sn 22:58:29.825 1.3 | T__ | | ___ | 6482789 | FDSN ZJ | 00 BUD | iLoc | HHE ??? | _ |
| (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 BSZH 2.82 98.1 Pn 22:57:56.837 0.8 | T__ | 1564.4 | ___ ML | 4.3 6482765 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| BSZH 2.82 98.1 Pg 22:58:06.103 -1.4 | T__ | | ___ | 6482790 | FDSN HU | -- BUD | iLoc | HHZ ??? | _ |
| (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 HU21A 2.83 119.2 Pn 22:57:57.024 1.0 | T__ | 1034.3 | ___ ML | 4.1 6482766 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.1 magdef=1 | | | | | | | | | |

| | | | | | | | | | |
|--|-----|--------|--------|-------------|---------|--------|------|---------|---|
| (Station ML: 4.1 magdef=1 HU02A 2.95 81.5 Pn 22:57:57.880 -0.3 | T__ | 558.2 | ___ ML | 3.9 6482767 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=0 KECS 2.98 74.5 Pn 22:57:58.923 0.4 | T__ | 1581.7 | ___ ML | 4.4 6482768 | FDSN SK | -- BUD | iLoc | EHZ EHZ | _ |
| KECS 2.98 74.5 Pg 22:58:09.596 -0.5 | T__ | | --- | 6482791 | FDSN SK | -- BUD | iLoc | EHZ ??? | _ |
| (Reading ML: 4.4 magdef=1 (Station ML: 4.4 magdef=1 JOS 3.02 74.4 Pn 22:57:59.115 0.1 | T__ | 818.4 | ___ ML | 4.1 6482792 | FDSN ZJ | -- BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1 BLY 3.10 166.5 Pn 22:58:00.919 0.6 | T__ | 807.3 | ___ ML | 4.1 6482793 | FDSN MN | -- BUD | iLoc | HHZ HHZ | _ |
| BLY 3.10 166.5 Lg 22:58:53.369 5.1 | T__ | | --- | 6482794 | FDSN MN | -- BUD | iLoc | HHN ??? | _ |
| (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1 HU06A 3.18 107.8 Pn 22:58:02.057 1.1 | T__ | 900.8 | ___ ML | 4.2 6482795 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 NIE 3.20 57.4 Pn 22:58:02.525 0.5 | T__ | 432.5 | ___ ML | 3.9 6482796 | FDSN PL | -- BUD | iLoc | BHZ BHZ | _ |
| NIE 3.20 57.4 Sn 22:58:41.714 0.2 | T__ | | --- | 6482797 | FDSN PL | -- BUD | iLoc | BHN ??? | _ |
| (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=0 HU05A 3.37 91.9 Pn 22:58:03.984 0.4 | T__ | 918.9 | ___ ML | 4.3 6482798 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 OJC 3.42 42.9 Pn 22:58:05.274 -0.2 | T__ | 975.5 | ___ ML | 4.4 6482799 | FDSN PL | -- BUD | iLoc | BHZ BHZ | _ |
| (Reading ML: 4.4 magdef=1 (Station ML: 4.4 magdef=1 ABAH 3.44 79.3 Pn 22:58:04.705 -0.2 | T__ | 657.1 | ___ ML | 4.2 6482800 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 HU24A 3.50 102.4 Pn 22:58:06.205 0.8 | T__ | 696.2 | ___ ML | 4.3 6482801 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 FRGS 3.63 134.7 Pn 22:58:07.891 0.6 | T__ | 1013.3 | ___ ML | 4.5 6482802 | FDSN SJ | -- BUD | iLoc | BHZ BHZ | _ |
| (Reading ML: 4.5 magdef=1 (Station ML: 4.5 magdef=1 HU07A 3.87 84.7 Pn 22:58:11.051 0.2 | T__ | 523.8 | ___ ML | 4.3 6482803 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 LTVH 3.90 93.5 Pn 22:58:11.548 0.5 | T__ | 662.7 | ___ ML | 4.4 6482804 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 4.4 magdef=1 (Station ML: 4.4 magdef=1 SIRR 4.05 109.8 Pn 22:58:13.246 0.0 | T__ | 178.8 | ___ ML | 3.9 6482805 | FDSN RO | -- BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=0 BANR 4.18 123.1 Sn 22:59:04.504 1.5 | T__ | | --- | 6482806 | FDSN RO | -- BUD | iLoc | HHE ??? | _ |
| BEO 4.20 133.2 Pn 22:58:15.183 -0.1 | T__ | 3296.7 | ___ ML | 5.2 6482807 | FDSN SJ | -- BUD | iLoc | BHZ BHZ | _ |
| (Reading ML: 5.2 magdef=1 (Station ML: 5.2 magdef=0 KOLS 4.23 71.8 Pn 22:58:15.779 -0.6 | T__ | | --- | 6482808 | FDSN SK | -- BUD | iLoc | HHZ ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/19 | 22:58:55.43 | 1.06 | 0.44 | 47.7564 | 16.1796 | 5.5 | 4.4 | 68 | 14.2 | 10.3 | 14 | 9 | 95 | 0.10 | 0.96 | ke | BUD | 17000926 | BUD | | | 175 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.8 | 0.1 | 6 BUD | 17000926 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| RONA | 0.10 | 125.7 | Pg | 22:58:58.663 | -0.2 | | | | | T__ | | 1109.0 | | _d | ML | 1.6 | 6482983 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.10 | 125.7 | Lg | 22:59:00.637 | -0.7 | | | | | T__ | | | | --- | | 6482984 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.25 | 35.2 | Pg | 22:59:01.531 | 0.5 | | | | | T__ | | 8664.0 | | --- | ML | 2.9 | 6482985 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 105.8 | Pg | 22:59:01.605 | 0.2 | | | | | T__ | | 1039.0 | | --- | ML | 2.1 | 6482988 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| SOP | 0.27 | 105.8 | Lg | 22:59:05.703 | 0.2 | | | | | T__ | | | | --- | | 6482987 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 308.9 | Lg | 22:59:06.411 | 0.5 | | | | | T__ | | | | --- | | 6482986 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| A013A | 0.60 | 300.9 | Pg | 22:59:07.528 | 0.2 | | | | | T__ | | 1248.2 | | --- | ML | 2.9 | 6482989 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A013A | 0.60 | 300.9 | Lg | 22:59:15.016 | -0.3 | | | | | T__ | | | | --- | | 6482990 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.62 | 1.6 | Lg | 22:59:16.283 | -0.1 | | | | | T__ | | | | --- | | 6482991 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| ARSA | 0.67 | 221.6 | Pg | 22:59:08.758 | 0.1 | | | | | T__ | | 769.7 | | --- | ML | 2.8 | 6482993 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ARSA | 0.67 | 221.6 | Lg | 22:59:17.437 | 0.1 | | | | | T__ | | | | --- | | 6482992 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.71 | 330.2 | Pg | 22:59:08.646 | -0.5 | | | | | T__ | | 762.7 | | --- | ML | 2.8 | 6482994 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A008A | 0.71 | 330.2 | Lg | 22:59:18.257 | -0.6 | | | | | T__ | | | | --- | | 6482995 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.96 | 49.6 | Pn | 22:59:13.861 | -0.0 | | | | | T__ | | | | --- | | 6482996 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/19 | 23:00:48.10 | 0.80 | 0.65 | 47.7646 | 16.1566 | 4.1 | 2.7 | 45 | 9.0f | | 28 | 15 | 80 | 0.11 | 1.31 | ke | BUD | 17000928 | BUD | | | 136 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.5 | 0.2 | 14 BUD | 17000928 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| RONA | 0.11 | 124.5 | Pg | 23:00:51.029 | -0.1 | | | | | T__ | | 551.6 | | _d | ML | 1.4 | 6483085 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.11 | 124.5 | Lg | 23:00:52.631 | -0.7 | | | | | T__ | | | | --- | | 6483086 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.26 | 39.1 | Pg | 23:00:54.121 | 0.7 | | | | | T__ | | 1288.8 | | --- | ML | 2.1 | 6483088 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A004A | 0.26 | 39.1 | Lg | 23:00:58.480 | 1.2 | | | | | T__ | | | | --- | | 6483087 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 309.6 | Pg | 23:00:53.749 | 0.1 | | | | | T__ | | 345.3 | | --- | ML | 1.6 | 6483089 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CONA | 0.26 | 309.6 | Lg | 23:00:57.213 | -0.3 | | | | | T__ | | | | --- | | 6483090 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.6 magdef=1
SOP 0.28 106.6 Pg 23:00:53.935 -0.1 T__ 240.2 --- ML 1.5 6483092 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 106.6 Lg 23:00:57.995 -0.2 T__ --- 6483091 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
A013A 0.59 300.9 Pg 23:00:59.709 0.2 T__ 454.3 --- ML 2.5 6483096 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.59 300.9 Lg 23:01:07.830 0.6 T__ --- 6483095 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A260A 0.61 142.1 Pg 23:01:00.156 -0.2 T__ 715.8 --- ML 2.7 6483093 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.61 142.1 Lg 23:01:08.761 0.2 T__ --- 6483094 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A005B 0.61 3.1 Pg 23:01:00.305 0.3 T__ 469.7 --- ML 2.5 6483097 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 0.61 3.1 Lg 23:01:08.761 0.1 T__ --- 6483098 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
ARSA 0.67 220.1 Pg 23:01:00.975 -0.2 T__ 264.7 --- ML 2.3 6483100 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.67 220.1 Lg 23:01:09.953 0.3 T__ --- 6483099 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A008A 0.69 330.9 Pg 23:01:01.274 -0.2 T__ 488.7 --- ML 2.6 6483101 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 330.9 Lg 23:01:10.549 -0.4 T__ --- 6483102 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A262A 0.94 164.2 Pg 23:01:07.085 0.6 T__ 965.9 --- ML 3.0 6483103 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
MODS 0.97 50.6 Pn 23:01:06.749 -0.5 T__ --- 6483104 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.97 50.6 Sn 23:01:20.346 -1.3 T__ --- 6483105 FDSN SK -- BUD iLoc HHE ??? _
A006A 0.98 354.7 Pg 23:01:06.526 -0.6 T__ 339.1 --- ML 2.6 6483107 FDSN Z3 00 BUD iLoc HHZ HHZ _
A006A 0.98 354.7 Lg 23:01:19.639 -1.7 T__ --- 6483106 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A001A 1.01 16.6 Pn 23:01:07.718 -0.1 T__ 442.9 --- ML 2.7 6483108 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.01 16.6 Sn 23:01:21.501 -0.8 T__ --- 6483109 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A261A 1.06 140.0 Pn 23:01:08.873 0.7 T__ 532.6 --- ML 2.8 6483110 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
KRUC 1.31 6.9 Pn 23:01:11.895 -0.1 T__ 142.4 --- ML 2.4 6483111 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.31 6.9 Sn 23:01:29.068 -0.4 T__ --- 6483112 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/19 23:05:35.92 0.75 0.95 47.7834 16.1691 3.8 2.8 55 12.7 0.6 44 24 77 0.12 1.88 ke BUD 17000930 BUD 83

```

```

Magnitude Err Nsta Author OrigID
ML 2.2 0.2 23 BUD 17000930

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|---------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 134.3 | Pg | 23:05:38.942 | -0.5 | | | | | T__ | | 1032.2 | | _d_ | ML | 1.6 | 6483255 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 134.3 | Lg | 23:05:40.860 | -1.1 | | | | | T__ | | | | --- | | 6483256 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.24 | 40.4 | Pg | 23:05:41.829 | 0.7 | | | | | T__ | | 1798.4 | | --- | ML | 2.2 | 6483259 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.24 | 40.4 | Lg | 23:05:46.988 | 2.2 | | | | | T__ | | | | --- | | 6483260 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.25 | 305.1 | Pg | 23:05:41.438 | -0.2 | | | | | T__ | | 421.1 | | --- | ML | 1.6 | 6483258 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.25 | 305.1 | Lg | 23:05:45.349 | -0.2 | | | | | T__ | | | | --- | | 6483257 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 110.7 | Pg | 23:05:41.848 | -0.2 | | | | | T__ | | 295.0 | | --- | ML | 1.6 | 6483262 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 110.7 | Lg | 23:05:45.852 | -0.4 | | | | | T__ | | | | --- | | 6483261 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.58 | 298.9 | Pg | 23:05:47.454 | 0.0 | | | | | T__ | | 549.0 | | --- | ML | 2.6 | 6483263 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.58 | 298.9 | Lg | 23:05:55.165 | -0.0 | | | | | T__ | | | | --- | | 6483264 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.59 | 2.4 | Pg | 23:05:48.274 | 0.7 | | | | | T__ | | 666.1 | | --- | ML | 2.7 | 6483268 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.59 | 2.4 | Lg | 23:05:56.469 | 0.4 | | | | | T__ | | | | --- | | 6483267 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.62 | 143.8 | Pg | 23:05:48.087 | -0.2 | | | | | T__ | | 272.4 | | _d_ | ML | 2.3 | 6483265 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.62 | 143.8 | Lg | 23:05:56.823 | 0.1 | | | | | T__ | | | | --- | | 6483266 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.68 | 329.6 | Pg | 23:05:49.056 | -0.1 | | | | | T__ | | 834.4 | | _d_ | ML | 2.8 | 6483272 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.68 | 329.6 | Lg | 23:05:58.108 | -0.4 | | | | | T__ | | | | --- | | 6483271 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| | | | | (Reading ML: 2.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.69 | 219.6 | Pg | 23:05:48.572 | -0.9 | | | | | T__ | | 539.1 | | --- | ML | 2.6 | 6483269 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.69 | 219.6 | Lg | 23:05:56.841 | -1.4 | | | | | T__ | | | | --- | | 6483270 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.87 | 114.5 | Pg | 23:05:53.489 | 0.4 | | | | | T__ | | 132.3 | | --- | ML | 2.1 | 6483273 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.87 | 114.5 | Lg | 23:06:04.627 | -0.8 | | | | | T__ | | | | --- | | 6483274 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.95 | 51.1 | Pg | 23:05:53.973 | -0.9 | | | | | T__ | | | | --- | | 6483277 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.95 | 51.1 | Lg | 23:06:07.682 | -0.8 | | | | | T__ | | | | --- | | 6483278 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.95 | 165.0 | Pg | 23:05:54.457 | 0.3 | | | | | T__ | | 232.4 | | --- | ML | 2.4 | 6483276 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.95 | 165.0 | Lg | 23:06:08.166 | 1.5 | | | | | T__ | | | | --- | | 6483275 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A006A | 0.96 | 354.1 | Pg | 23:05:53.936 | -0.7 | | | | | T__ | | 392.7 | | --- | ML | 2.6 | 6483280 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A006A | 0.96 | 354.1 | Lg | 23:06:06.676 | -1.4 | | | | | T__ | | | | --- | | 6483279 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.6 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| A001A | 0.99 | 16.4 | Pg | 23:05:55.277 | 0.1 | | | | | T__ | | 141.1 | | --- | ML | 2.2 | 6483281 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 0.99 | 16.4 | Lg | 23:06:08.948 | -0.2 | | | | | T__ | | | | --- | | 6483282 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A261A 1.07 141.0 Pn 23:05:56.581 0.9 T__ 88.6 ___ ML 2.0 6483283 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A337A 1.18 66.4 Pn 23:05:58.369 1.0 T__ 166.2 ___ ML 2.4 6483284 FDSN Z3 00 BUD iLoc HHZ HHZ _
A337A 1.18 66.4 Sn 23:06:14.722 1.0 T__ ___ 6483285 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KRUC 1.29 6.6 Pn 23:05:59.300 0.2 T__ 159.2 ___ ML 2.4 6483287 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.29 6.6 Sn 23:06:16.957 0.8 T__ ___ 6483288 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KOGS 1.34 177.6 Pn 23:05:59.933 0.3 T__ 69.2 ___ ML 2.1 6483286 FDSN SL -- BUD iLoc BHZ BHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
BEHE 1.38 162.3 Pn 23:06:01.163 1.1 T__ 94.8 ___ ML 2.2 6483289 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
VRAC 1.55 10.3 Pn 23:06:03.137 0.4 T__ 22.0 ___ ML 1.7 6483290 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.55 10.3 Sn 23:06:23.700 1.0 T__ ___ 6483291 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
TREC 1.58 343.6 Pn 23:06:04.552 1.4 T__ 205.9 ___ ML 2.7 6483293 FDSN CZ -- BUD iLoc HHZ HHZ _
TREC 1.58 343.6 Sn 23:06:25.190 2.1 T__ ___ 6483292 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
CKRC 1.62 310.6 Pn 23:06:04.776 1.1 T__ 140.0 ___ ML 2.5 6483294 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.62 310.6 Sn 23:06:25.637 1.0 T__ ___ 6483295 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
OBKA 1.69 221.5 Pg 23:06:07.011 0.2 T__ 52.6 ___ ML 2.2 6483296 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.69 221.5 Sn 23:06:28.319 1.8 T__ ___ 6483297 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PTJ 1.88 184.3 Pg 23:06:11.481 0.7 T__ 42.3 ___ ML 2.2 6483298 FDSN CR -- BUD iLoc BHZ BHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/19 23:08:06.80 1.39 0.18 47.7584 16.1535 7.1 4.0 27 9.8 13.0 8 4 154 0.11 0.66 ke BUD 17000932 BUD 244

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Magnitude Err Nsta Author OrigID
ML 0.6 0.2 4 BUD 17000932

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 121.3 Pg 23:08:09.998 0.1 T__ 60.4 ___ ML 0.4 6483363 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 121.3 Lg 23:08:11.935 -0.2 T__ ___ 6483364 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
CONA 0.26 311.0 Pg 23:08:12.438 -0.0 T__ 34.1 ___ ML 0.6 6483366 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 311.0 Lg 23:08:16.368 0.0 T__ ___ 6483365 FDSN OE -- BUD iLoc HHN ??? _

```

```

(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
SOP 0.28 105.2 Pg 23:08:12.885 0.1 T__ 38.6 ___ ML 0.7 6483367 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 105.2 Lg 23:08:16.815 -0.1 T__ ___ 6483368 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
ARSA 0.66 220.3 Pg 23:08:19.609 -0.2 T__ 33.3 ___ ML 1.4 6483370 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.66 220.3 Lg 23:08:28.400 0.2 T__ ___ 6483369 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/19 | 23:10:40.88 | 0.90 | 0.60 | 47.7586 | 16.1635 | 3.8 | 3.1 | 46 | 13.5 | 7.0 | 23 | 13 | 80 | 0.11 | 1.01 | ke | BUD | 17000934 | BUD | | | 136 |

```

Magnitude Err Nsta Author OrigID
ML 2.3 0.4 11 BUD 17000934

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| RONA | 0.11 | 123.3 | Pg | 23:10:44.049 | -0.3 | | | | | T__ | | 141.9 | | _d_ | ML | 0.8 6483419 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| RONA | 0.11 | 123.3 | Lg | 23:10:45.986 | -0.8 | | | | | T__ | | | | --- | | 6483420 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.26 | 37.4 | Pg | 23:10:47.308 | 0.8 | | | | | T__ | | 302.1 | | --- | ML | 1.5 6483424 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| A004A | 0.26 | 37.4 | Lg | 23:10:52.263 | 1.7 | | | | | T__ | | | | --- | | 6483423 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 310.0 | Pg | 23:10:46.787 | -0.1 | | | | | T__ | | 48.7 | | --- | ML | 0.7 6483421 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| CONA | 0.26 | 310.0 | Lg | 23:10:50.400 | -0.5 | | | | | T__ | | | | --- | | 6483422 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 105.6 | Pg | 23:10:47.048 | 0.1 | | | | | T__ | | 41.6 | | --- | ML | 0.7 6483425 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| SOP | 0.28 | 105.6 | Lg | 23:10:50.903 | -0.3 | | | | | T__ | | | | --- | | 6483426 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 301.2 | Pg | 23:10:52.877 | 0.3 | | | | | T__ | | 937.4 | | --- | ML | 2.8 6483428 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| A013A | 0.59 | 301.2 | Lg | 23:11:00.775 | 0.3 | | | | | T__ | | | | --- | | 6483427 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.60 | 142.1 | Pg | 23:10:53.008 | 0.0 | | | | | T__ | | 288.0 | | --- | ML | 2.3 6483429 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.61 | 2.6 | Pg | 23:10:53.120 | 0.1 | | | | | T__ | | 554.1 | | --- | ML | 2.6 6483430 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| A005B | 0.61 | 2.6 | Lg | 23:11:01.948 | 0.2 | | | | | T__ | | | | --- | | 6483431 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.67 | 220.7 | Pg | 23:10:54.014 | 0.1 | | | | | T__ | | 561.0 | | --- | ML | 2.6 6483433 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| ARSA | 0.67 | 220.7 | Lg | 23:11:02.917 | 0.3 | | | | | T__ | | | | --- | | 6483432 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 330.9 | Pg | 23:10:54.461 | 0.0 | | | | | T__ | | 697.8 | | --- | ML | 2.7 6483434 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| A008A | 0.70 | 330.9 | Lg | 23:11:03.513 | -0.6 | | | | | T__ | | | | --- | | 6483435 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| (Reading ML: 2.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 2.7 magdef=0
A262A 0.93 164.4 Lg 23:11:11.187 0.1 T__ --- 6483436 FDSN Z3 00 BUD iLoc HHE ??? _
MODS 0.97 50.1 Pg 23:11:00.235 0.0 T__ --- 6483438 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.97 50.1 Lg 23:11:13.645 -0.8 T__ --- 6483437 FDSN SK -- BUD iLoc HHE ??? _
A006A 0.99 354.5 Pg 23:10:59.527 -0.5 T__ 319.7 --- ML 2.6 6483439 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A001A 1.01 16.2 Pg 23:11:00.644 -0.0 T__ 181.3 --- ML 2.3 6483440 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.01 16.2 Lg 23:11:14.651 -0.6 T__ --- 6483441 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/19 23:11:23.23 1.16 0.43 47.7799 16.1768 5.5 4.0 12 16.0 9.1 10 5 105 0.11 0.95 ke BUD 17000936 BUD 190

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Magnitude Err Nsta Author OrigID
ML 2.2 0.2 13 BUD 17000936

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.11 134.8 Pg 23:11:27.073 -0.0 T__ 2977.5 --- ML 2.1 6483550 FDSN OE -- BUD iLoc HHZ HH _
RONA 0.11 134.8 Lg 23:11:29.062 -0.8 T__ --- 6483551 FDSN OE -- BUD iLoc HHN ??? _
RONA 0.11 134.8 00:00:00.000 --- 1709.5 --- 0.0 6483550 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CONA 0.26 305.1 Pg 23:11:29.457 0.2 T__ 345.1 --- ML 1.6 6483552 FDSN OE -- BUD iLoc HHZ HH _
CONA 0.26 305.1 Lg 23:11:33.589 0.2 T__ --- 6483553 FDSN OE -- BUD iLoc HHE ??? _
CONA 0.26 305.1 00:00:00.000 --- 538.0 --- 0.0 6483552 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
SOP 0.28 110.4 Pg 23:11:30.018 0.6 T__ 361.4 --- ML 1.6 6483548 FDSN HU -- BUD iLoc HHZ HH _
SOP 0.28 110.4 Lg 23:11:33.767 0.0 T__ --- 6483549 FDSN HU -- BUD iLoc HHE ??? _
SOP 0.28 110.4 00:00:00.000 --- 374.9 --- 0.0 6483548 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
ARSA 0.69 220.2 Pg 23:11:36.734 0.0 T__ 137.9 --- ML 2.0 6483556 FDSN OE -- BUD iLoc HHZ HH _
ARSA 0.69 220.2 Lg 23:11:45.456 -0.2 T__ --- 6483557 FDSN OE -- BUD iLoc HHE ??? _
ARSA 0.69 220.2 00:00:00.000 --- 560.4 --- 0.0 6483556 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
EGYH 0.86 114.5 Pg 23:11:57.170 16.9 --- 195.1 --- ML 2.3 6483540 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
MODS 0.95 50.8 Pg 23:11:42.107 -0.1 T__ 134996.1 _d ML 5.2 6483554 FDSN SK -- BUD iLoc HHZ HH _
MODS 0.95 50.8 Lg 23:11:55.878 -0.3 T__ --- 6483555 FDSN SK -- BUD iLoc HHE ??? _
MODS 0.95 50.8 00:00:00.000 --- 148117.5 --- 0.0 6483554 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 5.2 magdef=1
(Station ML: 5.2 magdef=0
MPLH 1.11 122.9 Pg 23:12:06.570 21.8 --- 117.0 --- ML 2.2 6483542 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KRUC 1.29 6.4 Pg 23:12:04.668 16.8 --- 237.7 --- ML 2.6 6483541 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1

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(Station ML: 2.6 magdef=1
TIH 1.46 126.4 Pg 23:12:14.680 23.5 --- 124.3 --- ML 2.4 6483546 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
CSKK 1.47 105.7 Pg 23:12:13.400 21.8 --- 60.9 --- ML 2.1 6483544 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
VRAC 1.55 10.1 Pg 23:12:11.428 18.9 --- 41.4 --- ML 2.0 6483543 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TREC 1.58 343.4 Pg 23:12:13.678 20.5 --- 205.0 --- ML 2.7 6483545 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
CKRC 1.62 310.5 Pg 23:12:15.360 21.9 --- 187.8 --- ML 2.7 6483547 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/19 23:13:10.42 2.00 0.37 47.7761 16.2211 11.9 5.2 73 16.2 13.1 9 5 178 0.09 0.71 ke BUD 17000938 BUD 254

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Magnitude Err Nsta Author OrigID
ML 0.9 0.7 4 BUD 17000938

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.09 146.4 Pg 23:13:14.296 0.2 T__ 37.5 --- ML 0.1 6483599 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.09 146.4 Lg 23:13:16.121 -0.5 T__ --- 6483600 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.1 magdef=1
(Station ML: 0.1 magdef=1
CONA 0.29 302.3 Pg 23:13:16.866 -0.1 T__ 22.3 --- ML 0.4 6483602 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.29 302.3 Lg 23:13:21.783 0.4 T__ --- 6483601 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
A013A 0.62 298.0 Lg 23:13:30.724 -0.1 T__ --- 6483603 FDSN Z3 00 BUD iLoc HHE ??? _
A008A 0.71 327.5 Pg 23:13:24.317 0.2 T__ 32.9 --- ML 1.4 6483606 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.71 327.5 Lg 23:13:33.443 -0.4 T__ --- 6483607 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ARSA 0.71 222.2 Pg 23:13:24.205 -0.0 T__ 31.1 --- ML 1.4 6483605 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.71 222.2 Lg 23:13:33.369 -0.0 T__ --- 6483604 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/19 23:18:38.28 0.96 0.77 47.7529 16.1568 5.0 4.2 89 14.2 9.0 16 9 110 0.11 0.99 ke BUD 17000940 BUD 212

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```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 17000940

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 119.4 Pg 23:18:41.700 -0.2 T__ 229.2 --- ML 1.0 6483644 FDSN OE -- BUD iLoc HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|----|-----|---------|------|----|---------|------|----|----|-----|------|-----|-----|---|
| RONA | 0.11 | 119.4 | Lg | 23:18:43.432 | -1.0 | T__ | | | | | | | | | 6483645 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.27 | 37.5 | Pg | 23:18:44.475 | 0.3 | T__ | 319.5 | | | ML | 1.5 | 6483647 | FDSN | Z3 | | | | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.27 | 37.5 | Lg | 23:18:49.802 | 1.6 | T__ | | | | | | 6483646 | FDSN | Z3 | | | | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 104.2 | Pg | 23:18:44.531 | 0.1 | T__ | 60.5 | | | ML | 0.9 | 6483648 | FDSN | HU | | | | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 104.2 | Lg | 23:18:48.349 | -0.4 | T__ | | | | | | 6483649 | FDSN | HU | | | | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.62 | 3.0 | Lg | 23:18:58.836 | -0.6 | T__ | | | | | | 6483650 | FDSN | Z3 | | | | 00 | BUD | iLoc | HHE | ??? | _ |
| ARSA | 0.66 | 220.8 | Pg | 23:18:51.274 | 0.0 | T__ | 51.7 | | | ML | 1.6 | 6483652 | FDSN | OE | | | | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.66 | 220.8 | Lg | 23:19:00.661 | 0.9 | T__ | | | | | | 6483651 | FDSN | OE | | | | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 331.4 | Pg | 23:18:51.721 | -0.2 | T__ | 64.1 | | | ML | 1.7 | 6483653 | FDSN | Z3 | | | | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.70 | 331.4 | Lg | 23:19:00.773 | -0.8 | T__ | | | | | | 6483654 | FDSN | Z3 | | | | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.86 | 112.5 | Lg | 23:19:08.111 | 0.5 | T__ | | | | | | 6483655 | FDSN | HU | | | | -- | BUD | iLoc | HHE | ??? | _ |
| MODS | 0.98 | 50.0 | Pg | 23:18:57.606 | -0.2 | T__ | | | | | | 6483657 | FDSN | SK | | | | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.98 | 50.0 | Sn | 23:19:10.421 | -0.6 | T__ | | | | | | 6483656 | FDSN | SK | | | | -- | BUD | iLoc | HHN | ??? | _ |
| A006A | 0.99 | 354.8 | Pn | 23:18:56.675 | -0.5 | T__ | 44.6 | | | ML | 1.7 | 6483658 | FDSN | Z3 | | | | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A006A | 0.99 | 354.8 | Sn | 23:19:10.160 | -0.9 | T__ | | | | | | 6483659 | FDSN | Z3 | | | | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/04/19 | 23:21:36.61 | 1.26 | 0.64 | 47.7522 | 16.1433 | 4.6 | 3.7 | 37 | 8.5 | 15.9 | 15 | 8 | 103 | 0.12 | 0.70 | ke | BUD | 17000942 | BUD | | | 185 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.7 | 0.4 | 7 BUD | 17000942 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| RONA | 0.12 | 116.9 | Pg | 23:21:39.551 | -0.1 | | | | | T__ | 398.1 | | | | ML | 1.2 | 6483700 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 116.9 | Lg | 23:21:41.451 | -0.4 | | | | | T__ | | | | | | 6483701 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 313.0 | Pg | 23:21:42.103 | -0.1 | | | | | T__ | 84.4 | | | | ML | 0.9 | 6483702 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 313.0 | Lg | 23:21:46.182 | 0.2 | | | | | T__ | | | | | | 6483714 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.27 | 38.9 | Lg | 23:21:47.839 | 1.7 | | | | | T__ | | | | | | 6483703 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| SOP | 0.29 | 103.7 | Pg | 23:21:42.550 | -0.1 | | | | | T__ | 93.4 | | | | ML | 1.1 | 6483705 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.29 | 103.7 | Lg | 23:21:46.498 | -0.3 | | | | | T__ | | | | | | 6483704 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 302.4 | Pg | 23:21:47.970 | -0.1 | | | | | T__ | 147.0 | | | | ML | 2.0 | 6483706 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 302.4 | Lg | 23:21:55.904 | 0.2 | | | | | T__ | | | | | | 6483707 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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A005B 0.62 3.8 Pg      23:21:48.789 0.0      T__      210.5      ___ ML      2.2 6483708  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A005B 0.62 3.8 Lg      23:21:57.115 -0.5     T__      ___      ___      6483709  FDSN Z3      00 BUD  iLoc  HHN ???  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ARSA 0.65 220.2 Pg      23:21:49.478 0.1      T__      71.1      ___ ML      1.7 6483711  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
ARSA 0.65 220.2 Lg      23:21:58.195 0.5      T__      ___      ___      6483710  FDSN OE      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A008A 0.70 332.1 Pg      23:21:49.702 -0.4     T__      123.9     ___ ML      2.0 6483712  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A008A 0.70 332.1 Lg      23:21:58.810 -0.9     T__      ___      ___      6483713  FDSN Z3      00 BUD  iLoc  HH3 ???  _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/04/19 23:26:25.58 1.12 0.71 47.7518 16.1358 4.3 3.0 40 8.1 15.3 17 10 82 0.12 0.93 ke BUD 17000944 BUD 139

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Magnitude Err Nsta Author OrigID
ML 1.4 0.3 7 BUD 17000944

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh  L
RONA 0.12 115.6 Pg      23:26:28.448 -0.2   T__      ___      ___      ___      ___      83.7  ___  _d_ ML 0.6 6483759  FDSN OE  -- BUD  iLoc  HHZ HHZ  _
RONA 0.12 115.6 Lg      23:26:30.460 -0.4   T__      ___      ___      ___      ___      ___      6483760  FDSN OE  -- BUD  iLoc  HHN ???  _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
CONA 0.26 313.8 Pg      23:26:30.981 -0.1   T__      ___      ___      ___      ___      44.9  ___  ___ ML 0.7 6483762  FDSN OE  -- BUD  iLoc  HHZ HHZ  _
CONA 0.26 313.8 Lg      23:26:35.079 0.3    T__      ___      ___      ___      ___      ___      6483761  FDSN OE  -- BUD  iLoc  HHN ???  _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A004A 0.27 39.7 Pg      23:26:31.708 0.4    T__      279.4   ___      ___      ___      ___      1.5 6483763  FDSN Z3  00 BUD  iLoc  HHZ HHZ  _
A004A 0.27 39.7 Lg      23:26:36.774 1.5    T__      ___      ___      ___      ___      ___      6483764  FDSN Z3  00 BUD  iLoc  HHN ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
SOP 0.29 103.3 Pg      23:26:31.410 -0.3   T__      50.2   ___      ___      ___      ___      ___      0.8 6483766  FDSN HU  -- BUD  iLoc  HHZ HHZ  _
SOP 0.29 103.3 Lg      23:26:35.396 -0.5   T__      ___      ___      ___      ___      ___      6483765  FDSN HU  -- BUD  iLoc  HHN ???  _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
A013A 0.58 302.7 Pg      23:26:36.755 -0.2   T__      61.6   ___      ___      ___      ___      ___      1.6 6483767  FDSN Z3  00 BUD  iLoc  HHZ HHZ  _
A013A 0.58 302.7 Lg      23:26:44.764 0.2    T__      ___      ___      ___      ___      ___      6483768  FDSN Z3  00 BUD  iLoc  HHN ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A005B 0.62 4.3 Lg      23:26:45.938 -0.6   T__      33.7   ___      ___      ___      ___      ___      ___      6483769  FDSN Z3  00 BUD  iLoc  HHE ???  _
ARSA 0.65 219.9 Pg      23:26:38.189 -0.1   T__      ___      ___      ___      ___      ___      1.4 6483771  FDSN OE  -- BUD  iLoc  HHZ HHZ  _
ARSA 0.65 219.9 Lg      23:26:47.167 0.6    T__      ___      ___      ___      ___      ___      6483770  FDSN OE  -- BUD  iLoc  HHE ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A008A 0.70 332.5 Pg      23:26:38.543 -0.5   T__      83.2   ___      ___      ___      ___      ___      1.8 6483772  FDSN Z3  00 BUD  iLoc  HHZ HHZ  _
A008A 0.70 332.5 Lg      23:26:47.558 -1.0   T__      ___      ___      ___      ___      ___      6483773  FDSN Z3  00 BUD  iLoc  HH3 ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
EGYH 0.88 112.0 Lg      23:26:55.381 -0.1   T__      ___      ___      ___      ___      ___      6483774  FDSN HU  -- BUD  iLoc  HHE ???  _
A262A 0.93 163.1 Lg      23:26:56.983 1.1    T__      ___      ___      ___      ___      ___      6483775  FDSN Z3  00 BUD  iLoc  HHN ???  _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/19 | 23:33:38.68 | 0.87 | 0.46 | 47.7572 | 16.1622 | 6.3 | 3.4 | 33 | 12.7 | 0.6 | 15 | 8 | 98 | 0.11 | 1.31 | ke | BUD | 17000946 | BUD | | | 178 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.9 | 0.6 | 6 BUD | 17000946 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 122.4 | Pg | 23:33:41.936 | -0.1 | | | | T__ | | | 48.7 | | _d | ML | 0.3 | 6483817 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 122.4 | Lg | 23:33:43.892 | -0.5 | | | | T__ | | | | | | | 6483818 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.3 magdef=1 Station ML: 0.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 310.3 | Pg | 23:33:44.618 | 0.0 | | | | T__ | | | 33.3 | | ___ | ML | 0.6 | 6483820 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 310.3 | Lg | 23:33:48.381 | -0.3 | | | | T__ | | | | | ___ | | 6483819 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 105.3 | Pg | 23:33:44.879 | 0.1 | | | | T__ | | | 33.5 | | _c | ML | 0.6 | 6483821 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 105.3 | Lg | 23:33:49.014 | 0.1 | | | | T__ | | | | | ___ | | 6483822 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 301.4 | Lg | 23:33:58.737 | 0.5 | | | | T__ | | | | | ___ | | 6483823 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.67 | 220.8 | Pg | 23:33:51.584 | -0.2 | | | | T__ | | | 27.0 | | ___ | ML | 1.3 | 6483825 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.67 | 220.8 | Lg | 23:34:00.413 | 0.1 | | | | T__ | | | | | ___ | | 6483824 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 331.0 | Pg | 23:33:52.255 | -0.0 | | | | T__ | | | 34.1 | | ___ | ML | 1.4 | 6483826 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.70 | 331.0 | Lg | 23:34:01.456 | -0.5 | | | | T__ | | | | | ___ | | 6483827 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.97 | 50.1 | Pn | 23:33:58.513 | 1.1 | | | | T__ | | | | | ___ | | 6483829 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.97 | 50.1 | Lg | 23:34:11.588 | -0.3 | | | | T__ | | | | | ___ | | 6483828 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| KRUC | 1.31 | 6.7 | Pn | 23:34:02.611 | 0.4 | | | | T__ | | | 26.1 | | ___ | ML | 1.6 | 6483831 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.31 | 6.7 | Sn | 23:34:19.523 | -0.0 | | | | T__ | | | | | ___ | | 6483830 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/19 | 23:43:37.70 | 0.88 | 0.86 | 47.7717 | 16.1580 | 3.9 | 2.9 | 37 | 13.9 | 7.2 | 26 | 14 | 80 | 0.12 | 1.00 | ke | BUD | 17000948 | BUD | | | 135 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.2 | 13 BUD | 17000948 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 127.6 | Pg | 23:43:41.110 | -0.2 | | | | T__ | | | 1812.7 | | ___ | ML | 1.9 | 6483889 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 127.6 | Lg | 23:43:43.028 | -0.9 | | | | T__ | | | | | ___ | | 6483890 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.25 | 40.0 | Pg | 23:43:43.997 | 0.7 | | | | T__ | | | 822.5 | | ___ | ML | 1.9 | 6483893 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.25 | 40.0 | Lg | 23:43:49.342 | 2.2 | | | | T__ | | | | | ___ | | 6483894 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| CONA | 0.25 | 308.2 | Pg | 23:43:43.233 | -0.3 | T__ | 242.2 | ___ | ML | 1.4 | 6483892 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.25 | 308.2 | Lg | 23:43:47.368 | -0.1 | T__ | | --- | | | 6483891 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 108.0 | Pg | 23:43:43.885 | -0.1 | T__ | 388.6 | ___ | ML | 1.7 | 6483896 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 108.0 | Lg | 23:43:48.001 | -0.3 | T__ | | --- | | | 6483895 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A013A | 0.58 | 300.3 | Pg | 23:43:49.454 | 0.3 | T__ | 485.5 | ___ | ML | 2.5 | 6483897 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.58 | 300.3 | Lg | 23:43:57.463 | 0.5 | T__ | | --- | | | 6483898 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A005B | 0.60 | 3.0 | Pg | 23:43:50.143 | 0.6 | T__ | 399.5 | ___ | ML | 2.4 | 6483900 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.60 | 3.0 | Lg | 23:43:58.320 | 0.1 | T__ | | --- | | | 6483901 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A260A | 0.61 | 142.6 | Pg | 23:43:50.124 | 0.1 | T__ | 145.3 | ___ | ML | 2.0 | 6483899 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.68 | 219.8 | Pg | 23:43:50.963 | 0.0 | T__ | 220.7 | ___ | ML | 2.2 | 6483903 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.68 | 219.8 | Lg | 23:43:59.344 | -0.3 | T__ | | --- | | | 6483902 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 330.6 | Pg | 23:43:51.168 | 0.2 | T__ | 316.7 | ___ | ML | 2.4 | 6483904 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 330.6 | Lg | 23:44:00.164 | -0.3 | T__ | | --- | | | 6483905 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.87 | 113.6 | Pg | 23:43:55.396 | 0.5 | T__ | 150.9 | ___ | ML | 2.2 | 6483906 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.87 | 113.6 | Lg | 23:44:07.279 | 0.0 | T__ | | --- | | | 6483907 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A262A | 0.94 | 164.4 | Pn | 23:43:57.444 | 1.7 | T__ | 92.7 | ___ | ML | 2.0 | 6483908 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.96 | 50.8 | Pg | 23:43:56.327 | -0.6 | T__ | | --- | | | 6483909 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.96 | 50.8 | Lg | 23:44:09.775 | -1.3 | T__ | | --- | | | 6483910 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| A006A | 0.97 | 354.6 | Pg | 23:43:56.178 | -0.4 | T__ | 146.5 | ___ | ML | 2.2 | 6483912 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A006A | 0.97 | 354.6 | Lg | 23:44:08.843 | -1.7 | T__ | | --- | | | 6483911 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A001A | 1.00 | 16.6 | Pg | 23:43:57.407 | 0.1 | T__ | 82.9 | ___ | ML | 2.0 | 6483913 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 1.00 | 16.6 | Lg | 23:44:10.930 | -0.8 | T__ | | --- | | | 6483914 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/19 | 23:56:24.30 | 0.89 | 0.32 | 47.7592 | 16.1736 | 4.9 | 3.4 | 38 | 12.7 | 0.5 | 15 | 8 | 95 | 0.10 | 0.96 | ke | BUD | 17000950 | BUD | | | 175 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.6 | 6 BUD | 17000950 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| RONA | 0.10 | 125.6 | Pg | 23:56:27.668 | 0.1 | T__ | 66.6 | ___ | ML | 0.4 | 6483968 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.10 | 125.6 | Lg | 23:56:29.550 | -0.4 | T__ | | --- | | | 6483969 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 309.0 | Pg | 23:56:30.239 | -0.1 | T__ | 35.2 | ___ | ML | 0.6 | 6483971 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 309.0 | Lg | 23:56:34.616 | 0.2 | T__ | | --- | | | 6483970 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 106.1 | Pg | 23:56:30.500 | 0.3 | T__ | 47.6 | ___ | ML | 0.7 | 6483972 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.27 | 106.1 | Lg | 23:56:34.076 | -0.3 | T__ | | --- | | | 6483973 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A013A | 0.60 | 300.8 | Lg | 23:56:44.194 | 0.2 | T__ | | --- | | | 6483980 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| A005B | 0.61 | 2.0 | Pg | 23:56:36.930 | 0.5 | T__ | 64.4 | ___ | ML | 1.6 | 6483981 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.61 | 2.0 | Lg | 23:56:45.237 | 0.0 | T__ | | --- | | | 6483982 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.67 | 221.1 | Pg | 23:56:37.577 | 0.1 | T__ | 35.0 | ___ | ML | 1.4 | 6483975 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.67 | 221.1 | Lg | 23:56:46.220 | 0.1 | T__ | | --- | | | 6483974 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 330.4 | Pg | 23:56:37.801 | -0.1 | T__ | 51.6 | ___ | ML | 1.6 | 6483976 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.70 | 330.4 | Lg | 23:56:46.965 | -0.6 | T__ | | --- | | | 6483977 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.96 | 49.9 | Pg | 23:56:43.463 | -0.1 | T__ | | --- | | | 6483979 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.96 | 49.9 | Lg | 23:56:57.209 | -0.0 | T__ | | --- | | | 6483978 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/20 | 00:18:17.42 | 0.91 | 0.53 | 47.7683 | 16.1641 | 6.3 | 3.3 | 38 | 9.0f | | 9 | 6 | 104 | 0.11 | 0.69 | ke | BUD | 17000952 | BUD | | | 180 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.5 | 0.3 | 3 BUD | 17000952 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 127.5 | Pg | 00:18:20.259 | -0.2 | | | | | T__ | | 36.4 | | ___ | ML | 0.2 | 6486897 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 127.5 | Lg | 00:18:22.307 | -0.3 | | | | | T__ | | | | --- | | 6486898 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 308.3 | Pg | 00:18:22.978 | -0.0 | | | | | T__ | | 33.5 | | ___ | ML | 0.5 | 6486900 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 308.3 | Lg | 00:18:26.889 | 0.0 | | | | | T__ | | | | --- | | 6486899 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 107.6 | Pg | 00:18:23.451 | 0.1 | | | | | T__ | | 46.4 | | ___ | ML | 0.7 | 6486902 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 107.6 | Lg | 00:18:27.418 | 0.0 | | | | | T__ | | | | --- | | 6486903 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.60 | 2.6 | Lg | 00:18:38.575 | 0.7 | | | | | T__ | | | | --- | | 6486904 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| ARSA | 0.68 | 220.2 | Lg | 00:18:39.730 | 0.5 | | | | | T__ | | | | --- | | 6486905 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A008A | 0.69 | 330.4 | Lg | 00:18:39.406 | -0.9 | | | | | T__ | | | | --- | | 6486901 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/20 | 00:35:02.03 | 0.89 | 0.22 | 47.7702 | 16.1660 | 6.3 | 3.0 | 32 | 9.0f | | 12 | 6 | 137 | 0.11 | 0.69 | ke | BUD | 17000954 | BUD | | | 171 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.5 | 6 BUD | 17000954 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 128.7 | Pg | 00:35:05.141 | 0.1 | | | | | T__ | | 122.5 | | ___ | ML | 0.7 | 6486936 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 128.7 | Lg | 00:35:07.134 | -0.1 | | | | | T__ | | | | --- | | 6486937 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 307.8 | Pg | 00:35:07.749 | 0.1 | | | | | T__ | | 32.2 | | ___ | ML | 0.5 | 6486939 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 307.8 | Lg | 00:35:11.474 | 0.0 | | | | | T__ | | | | --- | | 6486938 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 108.0 | Pg | 00:35:07.991 | 0.1 | | | | | T__ | | 42.0 | | ___ | ML | 0.7 | 6486940 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 108.0 | Lg | 00:35:11.921 | -0.0 | | | | | T__ | | | | --- | | 6486941 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 300.1 | Pg | 00:35:13.523 | -0.0 | | | | | T__ | | 34.6 | | ___ | ML | 1.4 | 6486943 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 300.1 | Lg | 00:35:21.606 | 0.4 | | | | | T__ | | | | --- | | 6486942 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.68 | 220.2 | Pg | 00:35:14.975 | -0.3 | | | | | T__ | | 35.3 | | ___ | ML | 1.4 | 6486944 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.68 | 220.2 | Lg | 00:35:23.953 | 0.1 | | | | | T__ | | | | --- | | 6486945 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 330.3 | Pg | 00:35:15.199 | -0.1 | | | | | T__ | | 31.8 | | ___ | ML | 1.4 | 6486947 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 330.3 | Lg | 00:35:24.437 | -0.4 | | | | | T__ | | | | --- | | 6486946 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|----------|-------|-----|-----|----|
| 2021/04/20 | 01:06:39.06 | 0.76 | 0.94 | 47.7712 | 16.1575 | 3.6 | 2.7 | 47 | 12.2 | | 2.4 | 43 | 26 | 78 | 0.12 | 2.00 | ke | BUD | 17000956 | BUD | | | 86 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.1 | 0.2 | 21 BUD | 17000956 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 127.3 | Pg | 01:06:42.110 | -0.4 | | | | | T__ | | 671.3 | | _d | ML | 1.5 | 6487066 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 127.3 | Lg | 01:06:44.009 | -1.0 | | | | | T__ | | | | --- | | 6487067 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.25 | 39.9 | Pg | 01:06:45.090 | 0.6 | | | | | T__ | | 666.5 | | ___ | ML | 1.8 | 6487069 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.25 | 39.9 | Lg | 01:06:49.858 | 1.5 | | | | | T__ | | | | --- | | 6487068 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.25 | 308.4 | Pg | 01:06:44.717 | -0.0 | | | | | T__ | | 231.0 | | ___ | ML | 1.4 | 6487070 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.25 | 308.4 | Lg | 01:06:47.884 | -0.8 | | | | | T__ | | | | --- | | 6487071 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 107.8 | Pg | 01:06:45.052 | -0.2 | | | | | T__ | | 274.1 | | ___ | ML | 1.5 | 6487073 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|---------|------|---------|------|-----|------|-----|------|-----|-----|---|
| SOP | 0.28 | 107.8 | Lg | 01:06:48.852 | -0.6 | T__ | | | 6487072 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A013A | 0.58 | 300.3 | Pg | 01:06:50.417 | -0.1 | T__ | 301.8 | --- | ML | 2.3 | 6487074 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.58 | 300.3 | Lg | 01:06:58.612 | 0.4 | T__ | | --- | | | 6487075 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A005B | 0.60 | 3.0 | Pg | 01:06:51.385 | 0.5 | T__ | 764.6 | --- | ML | 2.7 | 6487079 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.60 | 3.0 | Lg | 01:06:59.730 | 0.2 | T__ | | --- | | | 6487078 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A260A | 0.61 | 142.5 | Pg | 01:06:51.162 | -0.2 | T__ | 176.6 | _d | ML | 2.1 | 6487076 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.61 | 142.5 | Lg | 01:06:59.730 | 0.0 | T__ | | --- | | | 6487077 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A002B | 0.66 | 26.2 | Pg | 01:06:53.136 | 1.0 | T__ | 275.6 | --- | ML | 2.3 | 6487082 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.68 | 219.8 | Pg | 01:06:51.832 | -0.5 | T__ | 185.2 | --- | ML | 2.1 | 6487080 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.68 | 219.8 | Lg | 01:07:00.177 | -0.8 | T__ | | --- | | | 6487081 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 330.6 | Pg | 01:06:52.279 | -0.1 | T__ | 368.0 | _d | ML | 2.4 | 6487083 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 330.6 | Lg | 01:07:01.369 | -0.5 | T__ | | --- | | | 6487084 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.87 | 113.6 | Pg | 01:06:56.451 | 0.2 | T__ | 90.1 | --- | ML | 1.9 | 6487086 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.87 | 113.6 | Lg | 01:07:08.223 | -0.4 | T__ | | --- | | | 6487085 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A262A | 0.94 | 164.4 | Pn | 01:06:58.165 | 0.9 | T__ | 98.1 | --- | ML | 2.0 | 6487087 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.94 | 164.4 | Sn | 01:07:10.905 | 0.5 | T__ | | --- | | | 6487088 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.96 | 50.8 | Pg | 01:06:57.122 | -1.2 | T__ | | --- | | | 6487089 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.96 | 50.8 | Lg | 01:07:11.427 | -1.1 | T__ | | --- | | | 6487090 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| A006A | 0.97 | 354.7 | Pg | 01:06:57.048 | -0.9 | T__ | 266.8 | --- | ML | 2.5 | 6487092 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A006A | 0.97 | 354.7 | Lg | 01:07:10.384 | -1.1 | T__ | | --- | | | 6487091 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A001A | 1.00 | 16.6 | Pg | 01:06:58.314 | -0.3 | T__ | 114.8 | --- | ML | 2.1 | 6487093 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 1.00 | 16.6 | Lg | 01:07:11.501 | -1.2 | T__ | | --- | | | 6487094 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A261A | 1.06 | 140.2 | Pg | 01:07:00.102 | 0.6 | T__ | 68.8 | --- | ML | 1.9 | 6487095 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.11 | 122.2 | Pn | 01:07:00.698 | 1.1 | T__ | 38.8 | --- | ML | 1.7 | 6487096 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.30 | 6.9 | Pn | 01:07:02.337 | -0.1 | T__ | 152.8 | --- | ML | 2.4 | 6487097 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.30 | 6.9 | Sn | 01:07:19.473 | -0.2 | T__ | | --- | | | 6487098 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |


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(Station ML: 2.4 magdef=1
KOGS 1.33 177.2 Lg 01:07:21.336 0.0 T__ --- 6487099 FDSN SL -- BUD iLoc BHN ??? _
BEHE 1.37 161.8 Sn 01:07:21.485 0.6 T__ --- 6487100 FDSN HU -- BUD iLoc HHN ??? _
JAVC 1.49 42.3 Pn 01:07:07.402 2.2 T__ 45.9 --- ML 2.0 6487101 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VRAC 1.57 10.5 Pn 01:07:06.880 0.8 T__ 22.8 --- ML 1.7 6487102 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TREC 1.59 344.0 Pn 01:07:07.476 1.0 T__ 133.0 --- ML 2.5 6487103 FDSN CZ -- BUD iLoc HHZ HHZ _
TREC 1.59 344.0 Sn 01:07:28.486 1.9 T__ --- 6487104 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
CKRC 1.62 311.1 Pn 01:07:08.072 1.2 T__ 77.0 --- ML 2.3 6487106 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.62 311.1 Sn 01:07:29.157 1.3 T__ --- 6487105 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
OBKA 1.67 221.6 Sn 01:07:30.721 1.3 T__ --- 6487107 FDSN OE -- BUD iLoc HHE ??? _
CRES 2.00 194.1 Lg 01:07:45.026 1.8 T__ --- 6487108 FDSN SL -- BUD iLoc BHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 01:22:16.72 0.80 0.60 47.7812 16.1695 3.8 2.6 42 7.6 9.3 34 18 79 0.12 1.62 ke BUD 17000958 BUD 121

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 17 BUD 17000958

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 133.6 Pg 01:22:19.620 -0.1 T__ 335.7 _d ML 1.2 6487208 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 133.6 Lg 01:22:21.445 -0.4 T__ --- 6487209 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
A004A 0.24 40.0 Pg 01:22:22.656 1.0 T__ 361.3 --- ML 1.5 6487212 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CONA 0.25 305.5 Pg 01:22:22.246 0.1 T__ 112.6 --- ML 1.1 6487211 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 305.5 Lg 01:22:25.338 -0.5 T__ --- 6487210 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
SOP 0.28 110.3 Pg 01:22:22.562 -0.0 T__ 76.0 --- ML 1.0 6487213 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 110.3 Lg 01:22:26.641 0.0 T__ --- 6487214 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
A013A 0.59 299.1 Pg 01:22:28.132 0.0 T__ 103.2 --- ML 1.8 6487216 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.59 299.1 Lg 01:22:36.010 0.2 T__ --- 6487215 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A005B 0.59 2.3 Pg 01:22:29.026 0.8 T__ 182.7 --- ML 2.1 6487217 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 0.59 2.3 Lg 01:22:37.351 0.7 T__ --- 6487218 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A260A 0.62 143.7 Pg 01:22:28.839 -0.3 T__ 116.2 --- ML 1.9 6487220 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.62 143.7 Lg 01:22:37.687 0.3 T__ --- 6487219 FDSN Z3 00 BUD iLoc HHE ??? _

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A008A 0.68 329.6 Pg 01:22:29.864 0.0 T__ 189.6 _d_ ML 2.2 6487224 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.68 329.6 Lg 01:22:38.972 -0.2 T__ --- 6487223 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ARSA 0.69 219.8 Pg 01:22:29.417 -0.7 T__ 96.8 --- ML 1.9 6487221 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.69 219.8 Lg 01:22:38.990 0.2 T__ --- 6487222 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
EGYH 0.87 114.4 Pg 01:22:34.390 0.4 T__ 71.3 --- ML 1.8 6487225 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.87 114.4 Lg 01:22:46.422 0.1 T__ --- 6487226 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 0.95 51.0 Pg 01:22:35.023 -0.7 T__ --- 6487229 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.95 51.0 Lg 01:22:48.843 -1.1 T__ --- 6487230 FDSN SK -- BUD iLoc HHE ??? _
A006A 0.97 354.1 Pg 01:22:35.321 -0.1 T__ 156.5 --- ML 2.2 6487228 FDSN Z3 00 BUD iLoc HHZ HHZ _
A006A 0.97 354.1 Lg 01:22:48.732 -0.7 T__ --- 6487227 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
A001A 0.99 16.4 Pg 01:22:36.178 0.1 T__ 59.0 --- ML 1.8 6487232 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 0.99 16.4 Lg 01:22:49.998 -0.6 T__ --- 6487231 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KRUC 1.29 6.6 Pn 01:22:40.201 -0.3 T__ 49.0 --- ML 1.9 6487233 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.29 6.6 Sn 01:22:57.672 -0.3 T__ --- 6487234 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOGS 1.33 177.6 Pn 01:22:41.654 0.6 T__ 36.7 --- ML 1.8 6487236 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 1.33 177.6 Sn 01:22:59.199 0.6 T__ --- 6487235 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VRAC 1.55 10.3 Pn 01:22:44.038 -0.1 T__ 10.3 --- ML 1.4 6487237 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
TREC 1.58 343.6 Pn 01:22:45.044 0.4 T__ 59.2 --- ML 2.2 6487238 FDSN CZ -- BUD iLoc HHZ HHZ _
TREC 1.58 343.6 Sn 01:23:06.501 1.6 T__ --- 6487239 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
CKRC 1.62 310.6 Pn 01:22:45.975 0.8 T__ 63.0 --- ML 2.2 6487241 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.62 310.6 Sn 01:23:07.060 0.7 T__ --- 6487240 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 01:28:24.82 0.77 0.76 47.7758 16.1758 3.8 2.9 56 7.7 7.9 40 25 77 0.11 1.68 ke BUD 17000960 BUD 84

```

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Magnitude Err Nsta Author OrigID
ML 2.3 0.2 23 BUD 17000960

```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 133.1 Pg 01:28:27.849 0.2 T__ 1043.5 _d_ ML 1.6 6487345 FDSN OE -- BUD iLoc HHZ HHZ _

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| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|-----|---------|------|---------|------|-----|------|-----|------|-----|-----|---|
| RONA | 0.11 | 133.1 | Lg | 01:28:29.451 | -0.3 | T__ | | | 6487346 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A004A | 0.24 | 38.4 | Pg | 01:28:30.810 | 1.0 | T__ | 1138.5 | --- | ML | 2.0 | 6487349 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 305.9 | Pg | 01:28:30.214 | -0.2 | T__ | 582.2 | --- | ML | 1.8 | 6487348 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 305.9 | Lg | 01:28:34.033 | -0.2 | T__ | | --- | | | 6487347 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 109.6 | Pg | 01:28:30.810 | 0.2 | T__ | 366.2 | --- | ML | 1.6 | 6487351 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.27 | 109.6 | Lg | 01:28:34.591 | 0.1 | T__ | | --- | | | 6487350 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 299.4 | Pg | 01:28:36.547 | 0.2 | T__ | 908.0 | --- | ML | 2.8 | 6487352 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 299.4 | Lg | 01:28:44.482 | 0.4 | T__ | | --- | | | 6487353 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A005B | 0.60 | 1.9 | Pg | 01:28:37.180 | 0.7 | T__ | 905.5 | --- | ML | 2.8 | 6487355 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.60 | 1.9 | Lg | 01:28:45.618 | 0.6 | T__ | | --- | | | 6487354 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A260A | 0.61 | 143.7 | Pg | 01:28:37.031 | -0.0 | T__ | 269.5 | --- | ML | 2.3 | 6487356 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.61 | 143.7 | Lg | 01:28:45.525 | 0.2 | T__ | | --- | | | 6487357 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A002B | 0.65 | 25.4 | Pg | 01:28:39.192 | 1.5 | T__ | 313.4 | --- | ML | 2.4 | 6487360 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.69 | 220.3 | Pg | 01:28:37.739 | -0.5 | T__ | 363.4 | --- | ML | 2.4 | 6487359 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.69 | 220.3 | Lg | 01:28:46.419 | -0.5 | T__ | | --- | | | 6487358 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 329.6 | Pg | 01:28:38.186 | 0.1 | T__ | 873.5 | --- | ML | 2.8 | 6487361 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 329.6 | Lg | 01:28:47.089 | -0.5 | T__ | | --- | | | 6487362 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.86 | 114.2 | Pg | 01:28:42.284 | 0.3 | T__ | 172.6 | --- | ML | 2.2 | 6487363 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A262A | 0.94 | 165.2 | Pn | 01:28:43.886 | 0.3 | T__ | 286.3 | --- | ML | 2.5 | 6487364 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.95 | 50.6 | Pg | 01:28:43.215 | -0.6 | T__ | | --- | | | 6487365 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.95 | 50.6 | Lg | 01:28:56.551 | -1.5 | T__ | | --- | | | 6487366 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| A006A | 0.97 | 353.9 | Pg | 01:28:43.141 | -0.5 | T__ | 419.1 | --- | ML | 2.7 | 6487368 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A006A | 0.97 | 353.9 | Lg | 01:28:55.955 | -1.8 | T__ | | --- | | | 6487367 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A001A | 0.99 | 16.0 | Pg | 01:28:44.184 | -0.1 | T__ | 182.9 | --- | ML | 2.3 | 6487369 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 0.99 | 16.0 | Lg | 01:28:57.669 | -1.2 | T__ | | --- | | | 6487370 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |

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|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| A337A | 1.18 | 66.0 | Pn | 01:28:47.387 | 0.5 | T__ | 133.3 | ___ | ML | 2.3 | 6487371 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU08A | 1.23 | 105.6 | Pn | 01:28:47.201 | -0.3 | T__ | 79.0 | ___ | ML | 2.1 | 6487372 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.30 | 6.4 | Pn | 01:28:48.654 | -0.0 | T__ | 247.9 | ___ | ML | 2.6 | 6487373 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.30 | 6.4 | Sn | 01:29:05.790 | -0.4 | T__ | | --- | | | 6487374 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOGS | 1.33 | 177.8 | Pn | 01:28:48.691 | -0.3 | T__ | 164.6 | ___ | ML | 2.5 | 6487375 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.37 | 162.4 | Pn | 01:28:49.846 | 0.4 | T__ | 91.8 | ___ | ML | 2.2 | 6487376 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.47 | 42.1 | Pn | 01:28:53.163 | 1.8 | T__ | 50.5 | ___ | ML | 2.0 | 6487377 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.47 | 42.1 | Sn | 01:29:12.348 | 0.8 | T__ | | --- | | | 6487378 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.56 | 10.1 | Pn | 01:28:52.381 | 0.0 | T__ | 29.0 | ___ | ML | 1.8 | 6487380 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 1.56 | 10.1 | Sn | 01:29:12.571 | -0.1 | T__ | | --- | | | 6487379 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| TREC | 1.59 | 343.5 | Sn | 01:29:14.620 | 1.5 | T__ | | --- | | | 6487381 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| CKRC | 1.63 | 310.7 | Pg | 01:28:55.473 | 0.1 | T__ | 200.5 | --- | ML | 2.7 | 6487383 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.63 | 310.7 | Sn | 01:29:15.402 | 0.8 | T__ | | --- | | | 6487382 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.68 | 221.8 | Pg | 01:28:56.739 | 0.7 | T__ | 58.1 | ___ | ML | 2.2 | 6487384 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |

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|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/04/20 | 01:51:54.18 | 0.99 | 0.49 | 47.7747 | 16.1768 | 5.3 | 3.6 | 32 | 12.1 | 7.2 | 13 | 8 | 87 | 0.11 | 1.30 | ke | BUD | 17000962 | BUD | | | 173 |

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|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 0.6 | 0.3 | 5 BUD | 17000962 |

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|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| RONA | 0.11 | 132.9 | Pg | 01:51:57.476 | -0.0 | | | | | T__ | | 35.5 | | _d | ML | 0.2 | 6487455 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 132.9 | Lg | 01:51:59.320 | -0.6 | | | | | T__ | | | | --- | | 6487456 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 306.0 | Pg | 01:52:00.233 | 0.2 | | | | | T__ | | 26.2 | | ___ | ML | 0.4 | 6487458 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 306.0 | Lg | 01:52:03.623 | -0.4 | | | | | T__ | | | | --- | | 6487457 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 109.4 | Pg | 01:52:00.475 | 0.3 | | | | | T__ | | 36.8 | | ___ | ML | 0.6 | 6487459 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.27 | 109.4 | Lg | 01:52:04.405 | 0.2 | | | | | T__ | | | | --- | | 6487460 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ARSA | 0.69 | 220.4 | Pg | 01:52:07.646 | -0.0 | T__ | 36.8 | --- | ML | 1.4 | 6487462 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.69 | 220.4 | Lg | 01:52:16.382 | -0.0 | T__ | | --- | | | 6487461 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 329.6 | Pg | 01:52:07.814 | 0.3 | T__ | 38.3 | --- | ML | 1.5 | 6487463 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 329.6 | Lg | 01:52:17.033 | -0.1 | T__ | | --- | | | 6487464 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.95 | 50.5 | Lg | 01:52:26.682 | -0.5 | T__ | | --- | | | 6487465 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| A006A | 0.97 | 353.9 | Lg | 01:52:26.607 | 0.0 | T__ | | --- | | | 6487466 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| KRUC | 1.30 | 6.4 | Sn | 01:52:35.808 | 1.1 | T__ | | --- | | | 6487467 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |

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|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/04/20 | 02:09:25.57 | 0.96 | 0.39 | 47.7678 | 16.1710 | 5.1 | 3.4 | 25 | 11.9 | 6.7 | 14 | 8 | 91 | 0.11 | 0.98 | ke | BUD | 17000964 | BUD | | | 171 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.0 | 0.5 | 6 BUD | 17000964 |

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|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| RONA | 0.11 | 128.8 | Pg | 02:09:28.923 | 0.1 | | | | | T__ | | 81.1 | | --- | ML | 0.5 | 6487533 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 128.8 | Lg | 02:09:30.600 | -0.6 | | | | | T__ | | | | --- | | 6487534 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 307.7 | Pg | 02:09:31.643 | 0.2 | | | | | T__ | | 27.8 | | --- | ML | 0.5 | 6487536 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 307.7 | Lg | 02:09:35.126 | -0.3 | | | | | T__ | | | | --- | | 6487535 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 107.8 | Pg | 02:09:31.829 | 0.3 | | | | | T__ | | 40.5 | | --- | ML | 0.7 | 6487537 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.27 | 107.8 | Lg | 02:09:35.889 | 0.2 | | | | | T__ | | | | --- | | 6487538 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 300.2 | Lg | 02:09:45.258 | 0.2 | | | | | T__ | | | | --- | | 6487539 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.68 | 220.6 | Pg | 02:09:38.925 | -0.0 | | | | | T__ | | 28.4 | | --- | ML | 1.3 | 6487541 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.68 | 220.6 | Lg | 02:09:47.363 | -0.2 | | | | | T__ | | | | --- | | 6487540 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 330.1 | Pg | 02:09:39.056 | 0.0 | | | | | T__ | | 33.6 | | --- | ML | 1.4 | 6487542 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 330.1 | Lg | 02:09:48.257 | -0.4 | | | | | T__ | | | | --- | | 6487543 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.96 | 50.3 | Pg | 02:09:45.038 | 0.3 | | | | | T__ | | | | --- | | 6487545 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.96 | 50.3 | Lg | 02:09:58.225 | -0.6 | | | | | T__ | | | | --- | | 6487544 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A006A | 0.98 | 354.1 | Pg | 02:09:45.001 | 0.4 | | | | | T__ | | 46.5 | | --- | ML | 1.7 | 6487546 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
| 2021/04/20 | 02:49:08.08 | 0.91 | 0.91 | 47.7659 | 16.1720 | 3.9 | 3.5 | 42 | 16.8 | 7.2 | 27 | 14 | 79 | 0.11 | 1.32 | ke | BUD | 17000966 | BUD | | | | | 122 |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|

ML 1.8 0.3 12 BUD 17000966

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 128.2 | Pg | 02:49:11.625 | -0.3 | | | | | T__ | | 380.7 | | --- | ML | 1.2 | 6487605 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 128.2 | Lg | 02:49:13.488 | -1.2 | | | | | T__ | | | | --- | | 6487606 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.25 | 37.4 | Pg | 02:49:14.382 | 0.5 | | | | | T__ | | 378.9 | | --- | ML | 1.6 | 6487609 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.25 | 37.4 | Lg | 02:49:19.970 | 2.1 | | | | | T__ | | | | --- | | 6487610 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 308.0 | Pg | 02:49:14.009 | -0.3 | | | | | T__ | | 70.3 | | --- | ML | 0.9 | 6487608 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 308.0 | Lg | 02:49:18.033 | -0.5 | | | | | T__ | | | | --- | | 6487607 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 107.4 | Pg | 02:49:14.307 | -0.0 | | | | | T__ | | 117.6 | | --- | ML | 1.1 | 6487612 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.27 | 107.4 | Lg | 02:49:18.182 | -0.5 | | | | | T__ | | | | --- | | 6487611 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 300.3 | Pg | 02:49:20.044 | 0.2 | | | | | T__ | | 228.6 | | --- | ML | 2.2 | 6487613 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 300.3 | Lg | 02:49:28.016 | 0.2 | | | | | T__ | | | | --- | | 6487614 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.61 | 2.1 | Pg | 02:49:20.752 | 0.6 | | | | | T__ | | 205.0 | | --- | ML | 2.1 | 6487616 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.61 | 2.1 | Lg | 02:49:28.910 | 0.1 | | | | | T__ | | | | --- | | 6487615 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.68 | 220.7 | Pg | 02:49:21.348 | -0.0 | | | | | T__ | | 131.8 | | --- | ML | 2.0 | 6487617 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.68 | 220.7 | Lg | 02:49:29.990 | -0.2 | | | | | T__ | | | | --- | | 6487618 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 330.2 | Pg | 02:49:21.665 | 0.0 | | | | | T__ | | 149.3 | | _d | ML | 2.1 | 6487620 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.70 | 330.2 | Lg | 02:49:30.624 | -0.6 | | | | | T__ | | | | --- | | 6487619 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.96 | 50.2 | Pg | 02:49:26.899 | -0.4 | | | | | T__ | | | | --- | | 6487621 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.96 | 50.2 | Lg | 02:49:40.570 | -0.8 | | | | | T__ | | | | --- | | 6487622 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A006A | 0.98 | 354.1 | Pg | 02:49:26.824 | -0.3 | | | | | T__ | | 95.3 | | --- | ML | 2.0 | 6487624 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A006A | 0.98 | 354.1 | Lg | 02:49:39.974 | -1.2 | | | | | T__ | | | | --- | | 6487623 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A001A | 1.00 | 16.0 | Pg | 02:49:27.681 | -0.1 | | | | | T__ | | 53.6 | | --- | ML | 1.8 | 6487625 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 1.00 | 16.0 | Lg | 02:49:41.874 | -0.4 | | | | | T__ | | | | --- | | 6487626 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.10 | 122.2 | Pn | 02:49:28.910 | 1.0 | | | | | T__ | | 28.8 | | --- | ML | 1.6 | 6487627 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.10 | 122.2 | Sn | 02:49:45.152 | 2.2 | | | | | T__ | | | | --- | | 6487628 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.31 | 6.5 | Pn | 02:49:32.117 | 1.1 | | | | | T__ | | 42.0 | | --- | ML | 1.8 | 6487630 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.31 | 6.5 | Sn | 02:49:49.328 | 1.2 | | | | | T__ | | | | --- | | 6487629 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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KOGS 1.32 177.6 Lg 02:49:50.743 0.6 T__ --- 6487631 FDSN SL -- BUD iLoc BHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 03:21:05.48 1.20 0.35 47.7613 16.1502 6.2 3.4 38 7.8 14.2 11 7 134 0.12 0.93 ke BUD 17000968 BUD 154

Magnitude Err Nsta Author OrigID
ML 0.5 0.4 4 BUD 17000968

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 121.9 Pg 03:21:08.569 0.1 T__ 36.0 --- ML 0.2 6487677 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 121.9 Lg 03:21:10.395 -0.2 T__ --- 6487678 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1
CONA 0.26 310.8 Pg 03:21:11.233 0.3 T__ 22.0 --- ML 0.4 6487680 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 310.8 Lg 03:21:14.269 -0.5 T__ --- 6487679 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
SOP 0.29 105.7 Pg 03:21:11.582 0.1 T__ 43.7 --- ML 0.7 6487685 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.29 105.7 Lg 03:21:15.531 -0.0 T__ --- 6487686 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A013A 0.58 301.4 Lg 03:21:24.844 0.3 T__ --- 6487687 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.66 220.0 Pg 03:21:18.199 -0.2 T__ 25.9 --- ML 1.3 6487681 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.66 220.0 Lg 03:21:26.953 0.1 T__ --- 6487682 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A008A 0.69 331.4 Lg 03:21:27.773 -0.6 T__ --- 6487683 FDSN Z3 00 BUD iLoc HH2 ??? _
A262A 0.93 163.9 Lg 03:21:35.856 -0.1 T__ --- 6487684 FDSN Z3 00 BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 03:38:48.14 0.75 0.76 47.7654 16.1434 4.4 3.2 57 12.8 4.8 43 26 79 0.12 2.22 ke BUD 17000970 BUD 89

Magnitude Err Nsta Author OrigID
ML 2.3 0.2 22 BUD 17000970

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 122.4 Pg 03:38:51.370 -0.4 T__ 3118.5 --- ML 2.1 6487767 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 122.4 Lg 03:38:53.158 -1.1 T__ --- 6487768 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CONA 0.25 310.8 Pg 03:38:53.829 0.0 T__ 529.0 --- ML 1.7 6487770 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 310.8 Lg 03:38:57.293 -0.4 T__ --- 6487769 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
A004A 0.26 40.7 Pg 03:38:54.201 0.4 T__ 1955.4 --- ML 2.3 6487771 FDSN Z3 00 BUD iLoc HHZ HHZ _
A004A 0.26 40.7 Lg 03:38:59.156 1.3 T__ --- 6487772 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
SOP 0.29 106.2 Pg 03:38:54.127 -0.4 T__ 463.0 --- ML 1.8 6487773 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1

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|---------------------------|--------------|------|-----|--------|--------|-------------|---------|--------|------|---------|---|--|--|--|--|--|--|--|--|
| (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | |
| A013A 0.58 301.3 Pg | 03:38:59.715 | 0.2 | T__ | 1020.1 | ___ ML | 2.8 6487774 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| A013A 0.58 301.3 Lg | 03:39:07.798 | 0.6 | T__ | | ___ | 6487775 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | | | | | | | |
| (Reading ML: 2.8 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0 | | | | | | | | | | | | | | | | | | | |
| A005B 0.61 3.9 Pg | 03:39:00.534 | 0.4 | T__ | 598.8 | ___ ML | 2.6 6487778 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| A005B 0.61 3.9 Lg | 03:39:09.028 | 0.1 | T__ | | ___ | 6487779 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | | | | | | | |
| (Reading ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | |
| A260A 0.61 141.5 Pg | 03:39:00.423 | -0.0 | T__ | 310.7 | ___ ML | 2.3 6487777 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| A260A 0.61 141.5 Lg | 03:39:08.953 | 0.1 | T__ | | ___ | 6487776 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | | | | | | | |
| (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | |
| ARSA 0.66 219.5 Pg | 03:39:01.168 | -0.0 | T__ | 605.5 | ___ ML | 2.7 6487781 | FDSN OE | -- BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| ARSA 0.66 219.5 Lg | 03:39:09.251 | -0.5 | T__ | | ___ | 6487780 | FDSN OE | -- BUD | iLoc | HHN ??? | _ | | | | | | | | |
| (Reading ML: 2.7 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1 | | | | | | | | | | | | | | | | | | | |
| A008A 0.69 331.6 Pg | 03:39:01.354 | -0.1 | T__ | 884.6 | _d ML | 2.8 6487782 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| A008A 0.69 331.6 Lg | 03:39:10.220 | -0.7 | T__ | | ___ | 6487783 | FDSN Z3 | 00 BUD | iLoc | HH2 ??? | _ | | | | | | | | |
| (Reading ML: 2.8 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0 | | | | | | | | | | | | | | | | | | | |
| EGYH 0.88 113.0 Pn | 03:39:05.563 | 0.2 | T__ | 250.8 | ___ ML | 2.4 6487785 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| EGYH 0.88 113.0 Lg | 03:39:17.335 | -0.6 | T__ | | ___ | 6487784 | FDSN HU | -- BUD | iLoc | HHE ??? | _ | | | | | | | | |
| (Reading ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | |
| A262A 0.94 163.7 Pn | 03:39:07.202 | 1.0 | T__ | 279.0 | ___ ML | 2.5 6487786 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| (Reading ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | |
| MODS 0.97 50.9 Pn | 03:39:06.457 | -0.5 | T__ | | ___ | 6487787 | FDSN SK | -- BUD | iLoc | HHZ ??? | _ | | | | | | | | |
| MODS 0.97 50.9 Sn | 03:39:20.091 | -1.0 | T__ | | ___ | 6487788 | FDSN SK | -- BUD | iLoc | HHN ??? | _ | | | | | | | | |
| A006A 0.98 355.2 Pg | 03:39:06.383 | -0.7 | T__ | 281.4 | ___ ML | 2.5 6487790 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| A006A 0.98 355.2 Lg | 03:39:19.756 | -1.0 | T__ | | ___ | 6487789 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | | | | | | | |
| (Reading ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | |
| A001A 1.01 17.1 Pg | 03:39:07.463 | -0.4 | T__ | 181.3 | ___ ML | 2.3 6487791 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| A001A 1.01 17.1 Sn | 03:39:20.836 | -0.9 | T__ | | ___ | 6487792 | FDSN Z3 | 00 BUD | iLoc | HH2 ??? | _ | | | | | | | | |
| (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | |
| MPLH 1.12 121.6 Sn | 03:39:23.779 | -0.2 | T__ | | ___ | 6487793 | FDSN HU | -- BUD | iLoc | HHN ??? | _ | | | | | | | | |
| A337A 1.20 66.0 Pn | 03:39:10.555 | 0.6 | T__ | 344.3 | ___ ML | 2.7 6487794 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| (Reading ML: 2.7 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0 | | | | | | | | | | | | | | | | | | | |
| HU08A 1.25 104.8 Pn | 03:39:10.927 | 0.5 | T__ | 98.5 | ___ ML | 2.2 6487795 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| HU08A 1.25 104.8 Sn | 03:39:28.193 | 0.8 | T__ | | ___ | 6487796 | FDSN ZJ | 00 BUD | iLoc | HHN ??? | _ | | | | | | | | |
| (Reading ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | |
| KRUC 1.31 7.3 Pn | 03:39:11.616 | 0.1 | T__ | 154.4 | _d ML | 2.4 6487798 | FDSN CZ | -- BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| KRUC 1.31 7.3 Sn | 03:39:28.677 | -0.2 | T__ | | ___ | 6487797 | FDSN CZ | -- BUD | iLoc | HHN ??? | _ | | | | | | | | |
| (Reading ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | |
| JAVC 1.50 42.4 Pn | 03:39:15.937 | 1.6 | T__ | 56.5 | ___ ML | 2.1 6487799 | FDSN CZ | -- BUD | iLoc | HHZ HHZ | _ | | | | | | | | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|------|----------------------------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| VRAC | 1.57 | 10.8 | Pn | 03:39:15.564 | 0.3 | T__ | 24.5 | ___ | ML | 1.8 | 6487800 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 1.57 | 10.8 | Sn | 03:39:36.202 | 0.8 | T__ | | --- | | | 6487801 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | |
| TREC | 1.59 | 344.3 | Sn | 03:39:37.468 | 1.9 | T__ | | --- | | | 6487802 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| CKRC | 1.62 | 311.4 | Pg | 03:39:18.472 | 0.2 | T__ | 255.2 | --- | ML | 2.8 | 6487804 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.62 | 311.4 | Sn | 03:39:38.102 | 1.3 | T__ | | --- | | | 6487803 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | |
| OBKA | 1.66 | 221.5 | Pg | 03:39:17.951 | -0.6 | T__ | 58.9 | --- | ML | 2.2 | 6487805 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | |
| VVHS | 1.95 | 67.0 | Pn | 03:39:20.409 | 0.2 | T__ | 13.5 | --- | ML | 1.7 | 6487806 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | |
| KOVH | 2.15 | 140.7 | Lg | 03:39:56.953 | 1.2 | T__ | | --- | | | 6487807 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 2.22 | 24.2 | Pn | 03:39:24.991 | 0.7 | T__ | 36.3 | --- | ML | 2.3 | 6487809 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 2.22 | 24.2 | Sn | 03:39:52.409 | 0.5 | T__ | | --- | | | 6487808 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/20 | 05:16:09.12 | 0.74 | 0.88 | 47.7719 | 16.1472 | 3.9 | 2.5 | 45 | 8.3 | 7.4 | 45 | 30 | 79 | 0.12 | 2.46 | ke | BUD | 17000972 | BUD | | | 87 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.8 | 0.1 | 27 BUD | 17000972 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|--------|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 125.6 | Pg | 05:16:12.048 | -0.2 | | | | | T__ | | 8462.0 | | ___ | ML | 2.6 | 6488482 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 125.6 | Lg | 05:16:14.180 | -0.3 | | | | | T__ | | | | --- | | 6488483 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.25 | 309.2 | Pg | 05:16:14.236 | -0.2 | | | | | T__ | 1320.1 | | | ___ | ML | 2.1 | 6488485 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.25 | 309.2 | Lg | 05:16:17.787 | -0.4 | | | | | T__ | | | | --- | | 6488486 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.25 | 41.2 | Pg | 05:16:14.769 | 0.3 | | | | | T__ | 6598.7 | | | ___ | ML | 2.8 | 6488484 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.25 | 41.2 | Lg | 05:16:19.400 | 1.3 | | | | | T__ | | | | --- | | 6488487 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.29 | 107.6 | Pg | 05:16:15.048 | -0.2 | | | | | T__ | 1792.8 | | | ___ | ML | 2.4 | 6488480 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.29 | 107.6 | Lg | 05:16:18.821 | -0.6 | | | | | T__ | | | | --- | | 6488481 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.58 | 300.6 | Pg | 05:16:20.488 | 0.1 | | | | | T__ | 2103.6 | | | ___ | ML | 3.1 | 6488488 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.58 | 300.6 | Lg | 05:16:28.488 | 0.5 | | | | | T__ | | | | --- | | 6488514 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.60 | 3.7 | Pg | 05:16:21.236 | 0.4 | | | | | T__ | 4091.7 | | | ___ | ML | 3.4 | 6488491 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.60 | 3.7 | Lg | 05:16:29.649 | 0.2 | | | | | T__ | | | | --- | | 6488492 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|----|--------------|------|-----|--------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| A260A | 0.62 | 142.0 | Pg | 05:16:21.220 | -0.3 | T__ | 732.0 | ___ | ML | 2.7 | 6488489 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.62 | 142.0 | Lg | 05:16:29.913 | 0.0 | T__ | | --- | | | 6488515 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| | (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| A002B | 0.66 | 26.7 | Pg | 05:16:22.643 | 0.4 | T__ | 877.5 | ___ | ML | 2.8 | 6488494 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| ARSA | 0.67 | 219.3 | Pg | 05:16:22.001 | -0.2 | T__ | 1717.1 | ___ | ML | 3.1 | 6488490 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.67 | 219.3 | Lg | 05:16:30.875 | 0.1 | T__ | | --- | | | 6488516 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.1 magdef=0) | | | | | | | | | | | | | | | | | | |
| A008A | 0.68 | 331.1 | Pg | 05:16:22.133 | -0.1 | T__ | 1617.6 | ___ | ML | 3.1 | 6488493 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.68 | 331.1 | Lg | 05:16:31.074 | -0.6 | T__ | | --- | | | 6488517 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| | (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | |
| EGYH | 0.88 | 113.4 | Pg | 05:16:26.761 | 0.2 | T__ | 579.1 | ___ | ML | 2.8 | 6488495 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.88 | 113.4 | Lg | 05:16:38.747 | -0.3 | T__ | | --- | | | 6488518 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| A262A | 0.94 | 164.0 | Pn | 05:16:28.361 | 0.5 | T__ | 525.5 | ___ | ML | 2.7 | 6488496 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.94 | 164.0 | Sn | 05:16:41.522 | 0.2 | T__ | | --- | | | 6488497 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| A006A | 0.97 | 355.0 | Pg | 05:16:27.247 | -0.7 | T__ | 1606.0 | ___ | ML | 3.2 | 6488498 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A006A | 0.97 | 355.0 | Lg | 05:16:40.060 | -2.0 | T__ | | --- | | | 6488499 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.2 magdef=0) | | | | | | | | | | | | | | | | | | |
| A001A | 1.00 | 17.0 | Pg | 05:16:28.428 | -0.3 | T__ | 723.1 | ___ | ML | 2.9 | 6488502 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 1.00 | 17.0 | Lg | 05:16:42.424 | -1.0 | T__ | | --- | | | 6488519 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| | (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| A261A | 1.07 | 139.9 | Pn | 05:16:29.185 | -0.2 | T__ | 266.9 | ___ | ML | 2.5 | 6488500 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 1.07 | 139.9 | Lg | 05:16:43.272 | -0.9 | T__ | | --- | | | 6488501 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | |
| MPLH | 1.12 | 122.0 | Pn | 05:16:30.038 | -0.2 | T__ | 151.3 | ___ | ML | 2.3 | 6488503 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | |
| A337A | 1.20 | 66.2 | Sn | 05:16:47.976 | -0.2 | T__ | | --- | | | 6488520 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| HU08A | 1.25 | 105.2 | Sn | 05:16:49.247 | 0.1 | T__ | | --- | | | 6488521 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| BEHE | 1.37 | 161.5 | Pn | 05:16:34.490 | 0.7 | T__ | 289.9 | ___ | ML | 2.7 | 6488504 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| JAVC | 1.49 | 42.5 | Pn | 05:16:36.870 | 1.1 | T__ | 193.8 | ___ | ML | 2.6 | 6488506 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | |
| A338A | 1.50 | 79.9 | Pn | 05:16:37.125 | 1.6 | T__ | 258.1 | ___ | ML | 2.7 | 6488505 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| TREC | 1.59 | 344.2 | Pn | 05:16:37.931 | 0.9 | T__ | 452.4 | ___ | ML | 3.0 | 6488508 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | |
| CKRC | 1.61 | 311.2 | Pn | 05:16:37.981 | 0.6 | T__ | 424.1 | ___ | ML | 3.0 | 6488507 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |

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(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
OBKA 1.67 221.4 Sn 05:17:01.371 1.3 T__ --- 6488522 FDSN OE -- BUD iLoc HHN ??? _
VYHS 1.94 67.1 Pn 05:16:41.220 -0.5 T__ 36.3 --- ML 2.1 6488510 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
CRES 2.00 193.9 Pn 05:16:43.524 0.6 T__ 69.0 --- ML 2.5 6488509 FDSN SL -- BUD iLoc BHZ BHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
KOVH 2.15 140.8 Pn 05:16:44.513 0.3 T__ 81.8 _d_ ML 2.6 6488511 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
MORC 2.21 24.2 Pn 05:16:45.670 -0.1 T__ 105.8 --- ML 2.8 6488523 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
MORH 2.31 131.4 Pn 05:16:46.264 -0.1 T__ 94.0 --- ML 2.8 6488512 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
PRU 2.46 335.1 Pn 05:16:50.544 1.4 T__ 196.6 --- ML 3.2 6488513 FDSN CZ -- BUD iLoc HHZ HHZ _
PRU 2.46 335.1 Sn 05:17:21.276 3.4 T__ --- 6488524 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=0

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 07:57:12.19 0.83 1.01 47.8854 19.4091 5.2 2.7 166 0.0f 25 15 129 0.13 1.51 kx BUD 17000974 BUD 157
2021/04/20 07:57:12.11 0.81 0.84 47.8920 19.4049f 0.0f 25 15 127 0.13 1.51 kx BUD_GT 17000975 BUD_GT 155
(locality : Bercel Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.1 11 BUD_GT 17000975

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.13 84.8 Pg 07:57:15.975 0.7 T__ 1996.6 --- ML 2.0 6488728 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.13 84.8 Lg 07:57:17.452 -0.4 T__ --- 6488729 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU10A 0.26 259.9 Pg 07:57:18.452 0.5 T__ 738.8 --- ML 1.9 6488730 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.26 259.9 Lg 07:57:22.549 -0.1 T__ --- 6488731 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.33 85.2 Pg 07:57:19.406 -0.2 T__ 235.7 --- ML 1.6 6488721 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.33 85.2 Lg 07:57:24.978 -0.3 T__ --- 6488732 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
BUD 0.48 212.3 Lg 07:57:29.313 -1.1 T__ --- 6488733 FDSN HU -- BUD iLoc HHZ ??? _
VYHS 0.71 327.9 Pg 07:57:27.455 0.8 T__ 24.5 --- ML 1.3 6488734 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.71 327.9 Lg 07:57:36.812 -0.4 T__ --- 6488724 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
A338A 0.72 280.3 Lg 07:57:37.269 -1.3 T__ --- 6488735 FDSN Z3 00 BUD iLoc HH3 ??? _
HU09A 0.73 250.2 Pg 07:57:27.408 0.5 T__ 190.1 --- ML 2.2 6488745 FDSN ZJ 00 BUD iLoc HHZ HHZ _

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
HU02A 0.79 72.6 Pg 07:57:28.456 -0.0 T__ 71.9 ___ ML 1.8 6488736 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.79 72.6 Lg 07:57:40.460 -0.3 T__ ___ 6488737 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.93 50.3 Pn 07:57:31.872 0.5 T__ 129.8 ___ ML 2.1 6488722 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.93 50.3 Lg 07:57:44.509 -0.3 T__ ___ 6488738 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 0.97 51.1 Pn 07:57:32.180 0.3 T__ 68.5 ___ ML 1.9 6488723 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.97 51.1 Lg 07:57:44.994 -1.6 T__ ___ 6488726 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU08A 1.10 245.8 Pg 07:57:35.125 1.1 T__ 111.6 ___ ML 2.2 6488740 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 1.10 245.8 Sn 07:57:49.226 -1.6 T__ ___ 6488739 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ABAH 1.29 71.1 Pg 07:57:39.526 2.0 T__ 60.8 ___ ML 2.0 6488725 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.29 71.1 Sn 07:57:55.600 0.3 T__ ___ 6488727 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MPLH 1.46 240.9 Pg 07:57:40.556 -0.8 T__ 44.0 ___ ML 2.0 6488742 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 1.46 240.9 Sn 07:58:00.087 0.6 T__ ___ 6488741 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MODS 1.50 289.5 Sn 07:58:01.135 -0.2 T__ ___ 6488743 FDSN SK -- BUD iLoc HHE ??? _
JAVC 1.51 310.6 Sn 07:58:01.516 -0.5 T__ ___ 6488744 FDSN CZ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 08:16:10.17 1.03 0.35 47.7728 16.1575 8.1 3.8 36 0.4 6.2 7 4 101 0.12 0.68 ke BUD 17000976 BUD 193

```

```

Magnitude Err Nsta Author OrigID
ML 1.0 0.8 4 BUD 17000976

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 127.9 Pg 08:16:12.886 0.1 T__ 48.8 _c ML 0.3 6488786 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 127.9 Lg 08:16:14.562 -0.2 T__ ___ 6488787 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=1
CONA 0.25 308.1 Pg 08:16:15.345 -0.0 T__ 33.6 ___ ML 0.5 6488789 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 308.1 Lg 08:16:19.107 0.1 T__ ___ 6488788 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
A002B 0.66 26.2 Pg 08:16:23.206 -0.0 T__ 447.6 ___ ML 2.5 6488792 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
ARSA 0.68 219.7 Pg 08:16:22.907 -0.4 T__ 31.7 ___ ML 1.4 6488791 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.68 219.7 Lg 08:16:32.220 0.4 T__ ___ 6488790 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/20 | 09:28:24.92 | 0.89 | 1.03 | 47.7566 | 16.1425 | 7.1 | 3.4 | 34 | 2.0f | | 13 | 9 | 87 | 0.12 | 2.83 | ke | BUD | 17000978 | BUD | | | 148 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 1.3 | 9 BUD | 17000978 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 118.7 | Pg | 09:28:27.263 | -0.3 | | | | | T__ | | 84.8 | | ___ | ML | 0.6 | 6488989 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 118.7 | Lg | 09:28:29.327 | -0.2 | | | | | T__ | | | | --- | | 6488990 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 312.3 | Pg | 09:28:29.819 | -0.4 | | | | | T__ | | 43.3 | | _d | ML | 0.6 | 6488986 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 312.3 | Lg | 09:28:34.007 | 0.2 | | | | | T__ | | | | --- | | 6488987 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.58 | 302.1 | Pg | 09:28:35.763 | -0.4 | | | | | T__ | | 48.4 | | ___ | ML | 1.5 | 6488988 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.58 | 302.1 | Lg | 09:28:43.877 | 0.1 | | | | | T__ | | | | --- | | 6488992 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.66 | 219.9 | Pg | 09:28:37.161 | -0.5 | | | | | T__ | | 37.2 | | ___ | ML | 1.4 | 6488991 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.66 | 219.9 | Lg | 09:28:46.398 | 0.4 | | | | | T__ | | | | --- | | 6488998 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A006A | 0.99 | 355.3 | Pn | 09:28:45.999 | 0.8 | | | | | T__ | | 2527.7 | | ___ | ML | 3.5 | 6488993 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.5 magdef=1 Station ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.58 | 10.8 | Pn | 09:28:54.992 | 1.5 | | | | | T__ | | 10.9 | | ___ | ML | 1.4 | 6488995 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.62 | 311.7 | Pn | 09:28:54.027 | -0.0 | | | | | T__ | | 102.2 | | ___ | ML | 2.4 | 6488994 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 1.78 | 153.4 | Pn | 09:28:56.844 | 1.1 | | | | | T__ | | 1693.7 | | ___ | ML | 3.7 | 6488996 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.7 magdef=1 Station ML: 3.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BSZH | 2.83 | 97.8 | Pn | 09:29:12.575 | 2.3 | | | | | T__ | | 428.9 | | ___ | ML | 3.7 | 6488997 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.7 magdef=1 Station ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/04/20 | 10:35:06.64 | 1.29 | 0.84 | 47.9371 | 20.1162 | 12.0 | 3.1 | 154 | 0.0f | | 11 | 6 | 207 | 0.15 | 1.02 | kx | BUD | 17000980 | BUD | | | 236 |
| 2021/04/20 | 10:35:05.62 | 0.91 | 1.14 | 47.8650 | 20.1529f | | | | 0.0f | | 11 | 6 | 232 | 0.18 | 1.08 | kx | BUD_GT | 17000981 | BUD_GT | | | 254 |

(locality : Kisnána Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.3 | 0.0 | 5 BUD_GT | 17000981 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 10:35:10.655 | 0.6 | | | | | T__ | | 482.8 | | ___ | ML | 1.5 | 6489183 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |

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PSZ 0.18 287.2 Lg 10:35:13.191 -0.5 T__ --- 6489186 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.36 44.0 Pg 10:35:13.840 0.4 T__ 96.3 --- ML 1.3 6489188 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 10:35:19.300 -0.3 T__ --- 6489181 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU03A 0.37 276.2 Pg 10:35:14.541 0.8 T__ 75.8 --- ML 1.2 6489189 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.37 276.2 Lg 10:35:19.940 0.2 T__ --- 6489190 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.66 19.7 Pg 10:35:19.857 1.0 T__ 90.5 --- ML 1.8 6489185 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.66 19.7 Lg 10:35:26.495 -2.4 T__ --- 6489184 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
JOS 0.68 22.1 Pg 10:35:19.763 0.5 T__ 24.3 --- ML 1.3 6489182 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 10:35:29.524 -0.2 T__ --- 6489187 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
VYHS 1.08 306.0 Lg 10:35:41.176 -2.1 T__ --- 6489191 FDSN SK -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 11:17:37.84 0.87 0.52 47.7818 16.1737 4.8 3.3 32 12.6 1.8 17 9 79 0.12 1.29 ke BUD 17000982 BUD 154

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Magnitude Err Nsta Author OrigID
ML 1.7 0.0 7 BUD 17000982

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACH L
RONA 0.12 134.7 Pg 11:17:41.141 -0.2 T__ 122.0 _d ML 0.7 6489233 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 134.7 Lg 11:17:43.097 -0.7 T__ --- 6489234 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
CONA 0.26 305.0 Pg 11:17:43.842 0.2 T__ 102.8 --- ML 1.0 6489236 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 305.0 Lg 11:17:47.139 -0.4 T__ --- 6489235 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
SOP 0.28 110.6 Pg 11:17:44.065 0.2 T__ 52.7 --- ML 0.8 6489238 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 110.6 Lg 11:17:48.163 0.1 T__ --- 6489237 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
A013A 0.59 298.9 Pg 11:17:48.945 -0.5 T__ 76.8 --- ML 1.7 6489239 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.59 298.9 Lg 11:17:57.476 0.3 T__ --- 6489240 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A260A 0.62 143.9 Lg 11:17:58.910 0.4 T__ --- 6489241 FDSN Z3 00 BUD iLoc HHE ??? _
ARSA 0.69 219.9 Pg 11:17:50.975 -0.4 T__ 66.4 --- ML 1.7 6489243 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.69 219.9 Lg 11:18:00.624 0.4 T__ --- 6489242 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 0.95 50.9 Pg 11:17:56.787 0.1 T__ --- 6489244 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.95 50.9 Lg 11:18:10.048 -0.3 T__ --- 6489245 FDSN SK -- BUD iLoc HHN ??? _
A001A 0.99 16.2 Pg 11:17:57.383 0.2 T__ 46.9 --- ML 1.7 6489247 FDSN Z3 00 BUD iLoc HHZ HHZ _

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```

A001A  0.99 16.2 Lg      11:18:10.905 -0.2          T__          ---          6489246      FDSN Z3      00 BUD  iLoc  HH2 ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KRUC   1.29 6.5 Pn      11:18:01.927  0.9          T__          47.1         --- ML      1.9 6489248      FDSN CZ      -- BUD  iLoc  HHZ HHZ _
KRUC   1.29 6.5 Sn      11:18:19.100  1.0          T__          ---          6489249      FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/04/20 17:17:40.27  0.74  0.86  47.7870  16.1883  3.3  2.7  67  6.1  8.0  56  33  45  0.11  2.46  ke BUD      17000984    BUD                76

```

```

Magnitude Err Nsta Author      OrigID
ML        2.3 0.3  23 BUD      17000984

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Sta  Dist EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
RONA  0.11 140.1 Pg      17:17:43.177  0.1          T__          1001.6         --- ML      1.6 6489595      FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.11 140.1 Lg      17:17:45.010 -0.1          T__          ---          6489596      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
A004A  0.23 38.5 Pg      17:17:46.178  1.2          T__          1207.6         --- ML      2.0 6489597      FDSN Z3      00 BUD  iLoc  HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CONA  0.26 302.9 Pg      17:17:45.492 -0.3          T__          491.9         --- ML      1.7 6489599      FDSN OE      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
SOP   0.27 112.4 Pg      17:17:46.029  0.1          T__          529.4         --- ML      1.8 6489598      FDSN HU      -- BUD  iLoc  HHZ HHZ _
SOP   0.27 112.4 Lg      17:17:49.675 -0.1          T__          ---          6489627      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
A005B  0.59 1.1 Pg      17:17:52.634  0.9          T__          1470.3         --- ML      3.0 6489603      FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A005B  0.59 1.1 Lg      17:18:00.890  0.9          T__          ---          6489628      FDSN Z3      00 BUD  iLoc  HHE ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
A013A  0.59 298.0 Pg      17:17:51.633 -0.2          T__          664.0         --- ML      2.7 6489601      FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A013A  0.59 298.0 Lg      17:17:59.777  0.2          T__          ---          6489602      FDSN Z3      00 BUD  iLoc  HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A260A  0.61 145.0 Pg      17:17:52.213 -0.4          T__          277.5         --- ML      2.3 6489600      FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A260A  0.61 145.0 Lg      17:18:01.099  0.3          T__          ---          6489629      FDSN Z3      00 BUD  iLoc  HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A002B  0.64 25.1 Pg      17:17:52.884  0.0          T__          557.6         --- ML      2.6 6489605      FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A002B  0.64 25.1 Lg      17:18:01.837 -0.3          T__          ---          6489606      FDSN Z3      00 BUD  iLoc  HH2 ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A008A  0.68 328.5 Pg      17:17:53.392 -0.0          T__          739.4         _d_ ML      2.7 6489630      FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A008A  0.68 328.5 Lg      17:18:02.500 -0.3          T__          ---          6489607      FDSN Z3      00 BUD  iLoc  HH2 ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
ARSA  0.70 220.3 Pg      17:17:52.860 -1.0          T__          444.5         --- ML      2.5 6489604      FDSN OE      -- BUD  iLoc  HHZ HHZ _
ARSA  0.70 220.3 Lg      17:18:01.988 -0.8          T__          ---          6489631      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.5 magdef=1

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| | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|---------|---------|---------|---------|------|---------|------|---------|---|
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | |
| A018A | 0.75 | 267.1 | Lg | 17:18:04.197 | -0.1 | T__ | | | 6489608 | FDSN Z3 | 00 | BUD | iLoc | HHE ??? | _ | | |
| EGYH | 0.86 | 115.1 | Pg | 17:17:57.603 | 0.3 | T__ | 157.9 | --- | ML | 2.2 | 6489609 | FDSN HU | -- | BUD | iLoc | HHZ HHZ | _ |
| EGYH | 0.86 | 115.1 | Lg | 17:18:09.281 | -0.3 | T__ | | --- | | | 6489632 | FDSN HU | -- | BUD | iLoc | HHN ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | |
| MODS | 0.94 | 50.8 | Pg | 17:17:58.485 | -0.5 | T__ | | --- | | | 6489635 | FDSN SK | -- | BUD | iLoc | HHZ ??? | _ |
| MODS | 0.94 | 50.8 | Lg | 17:18:11.973 | -1.0 | T__ | | --- | | | 6489634 | FDSN SK | -- | BUD | iLoc | HHN ??? | _ |
| A262A | 0.95 | 165.8 | Pn | 17:17:59.409 | 0.0 | T__ | 133.9 | --- | ML | 2.2 | 6489610 | FDSN Z3 | 00 | BUD | iLoc | HHZ HHZ | _ |
| A262A | 0.95 | 165.8 | Lg | 17:18:11.712 | 0.4 | T__ | | --- | | | 6489633 | FDSN Z3 | 00 | BUD | iLoc | HHN ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | |
| A006A | 0.96 | 353.4 | Pg | 17:17:58.537 | -0.3 | T__ | 482.1 | --- | ML | 2.7 | 6489636 | FDSN Z3 | 00 | BUD | iLoc | HHZ HHZ | _ |
| A006A | 0.96 | 353.4 | Lg | 17:18:11.302 | -1.5 | T__ | | --- | | | 6489611 | FDSN Z3 | 00 | BUD | iLoc | HHE ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | |
| A001A | 0.98 | 15.8 | Pg | 17:17:59.583 | 0.1 | T__ | 173.1 | --- | ML | 2.3 | 6489637 | FDSN Z3 | 00 | BUD | iLoc | HHZ HHZ | _ |
| A001A | 0.98 | 15.8 | Lg | 17:18:13.239 | -0.6 | T__ | | --- | | | 6489612 | FDSN Z3 | 00 | BUD | iLoc | HH2 ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | |
| MPLH | 1.10 | 123.5 | Sn | 17:18:17.280 | 0.2 | T__ | | --- | | | 6489638 | FDSN HU | -- | BUD | iLoc | HHN ??? | _ |
| HU08A | 1.23 | 106.2 | Sn | 17:18:20.260 | 0.1 | T__ | | --- | | | 6489639 | FDSN ZJ | 00 | BUD | iLoc | HHN ??? | _ |
| KRUC | 1.28 | 6.1 | Pn | 17:18:04.130 | -0.0 | T__ | 313.6 | --- | ML | 2.7 | 6489614 | FDSN CZ | -- | BUD | iLoc | HHZ HHZ | _ |
| KRUC | 1.28 | 6.1 | Sn | 17:18:20.731 | -0.9 | T__ | | --- | | | 6489640 | FDSN CZ | -- | BUD | iLoc | HHN ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | |
| KOGS | 1.34 | 178.2 | Sn | 17:18:22.688 | 0.1 | T__ | | --- | | | 6489613 | FDSN SL | -- | BUD | iLoc | BHE ??? | _ |
| JAVC | 1.46 | 42.1 | Pn | 17:18:08.224 | 1.4 | T__ | 67.0 | --- | ML | 2.1 | 6489616 | FDSN CZ | -- | BUD | iLoc | HHZ HHZ | _ |
| JAVC | 1.46 | 42.1 | Sn | 17:18:27.521 | 0.6 | T__ | | --- | | | 6489626 | FDSN CZ | -- | BUD | iLoc | HHN ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | |
| CSKK | 1.47 | 106.1 | Sn | 17:18:27.109 | 0.9 | T__ | | --- | | | 6489641 | FDSN HU | -- | BUD | iLoc | HHE ??? | _ |
| A338A | 1.47 | 80.3 | Sn | 17:18:27.766 | 1.3 | T__ | | --- | | | 6489615 | FDSN Z3 | 00 | BUD | iLoc | HH3 ??? | _ |
| HU09A | 1.49 | 94.9 | Sn | 17:18:28.468 | 1.7 | T__ | | --- | | | 6489642 | FDSN ZJ | 00 | BUD | iLoc | HHE ??? | _ |
| VRAC | 1.55 | 9.9 | Pn | 17:18:07.808 | -0.0 | T__ | 49.2 | --- | ML | 2.1 | 6489617 | FDSN CZ | -- | BUD | iLoc | HHZ HHZ | _ |
| VRAC | 1.55 | 9.9 | Sn | 17:18:27.413 | -0.7 | T__ | | --- | | | 6489618 | FDSN CZ | -- | BUD | iLoc | HHZ ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | |
| TREC | 1.58 | 343.1 | Pn | 17:18:08.872 | 0.5 | T__ | 228.5 | --- | ML | 2.7 | 6489620 | FDSN CZ | -- | BUD | iLoc | HHZ HHZ | _ |
| TREC | 1.58 | 343.1 | Sn | 17:18:29.404 | 0.8 | T__ | | --- | | | 6489619 | FDSN CZ | -- | BUD | iLoc | HHN ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | |
| CKRC | 1.63 | 310.2 | Pn | 17:18:09.665 | 0.7 | T__ | 155.9 | --- | ML | 2.6 | 6489621 | FDSN CZ | -- | BUD | iLoc | HHZ HHZ | _ |
| CKRC | 1.63 | 310.2 | Sn | 17:18:30.197 | -0.1 | T__ | | --- | | | 6489622 | FDSN CZ | -- | BUD | iLoc | HHN ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | |
| OBKA | 1.70 | 221.8 | Pg | 17:18:12.470 | 0.6 | T__ | 76.1 | --- | ML | 2.3 | 6489644 | FDSN OE | -- | BUD | iLoc | HHZ HHZ | _ |
| OBKA | 1.70 | 221.8 | Sn | 17:18:31.710 | -0.6 | T__ | | --- | | | 6489643 | FDSN OE | -- | BUD | iLoc | HHE ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | |
| PTJ | 1.89 | 184.7 | Lg | 17:18:41.016 | -0.3 | T__ | | --- | | | 6489645 | FDSN CR | -- | BUD | iLoc | BHE ??? | _ |
| VYHS | 1.91 | 67.3 | Pn | 17:18:12.156 | -0.5 | T__ | 13.4 | --- | ML | 1.7 | 6489647 | FDSN SK | -- | BUD | iLoc | HHZ HHZ | _ |
| VYHS | 1.91 | 67.3 | Pg | 17:18:16.757 | -1.0 | T__ | | --- | | | 6489648 | FDSN SK | -- | BUD | iLoc | HHZ ??? | _ |

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|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| VYHS | 1.91 | 67.3 | Lg | 17:18:43.212 | -0.8 | T__ | | | | | | | | 6489646 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 2.03 | 194.6 | Pg | 17:18:18.849 | 1.3 | T__ | 121.6 | | | | | | | 6489649 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 2.03 | 194.6 | Lg | 17:18:46.140 | 0.6 | T__ | | | | | | | | 6489650 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| MORC | 2.18 | 23.7 | Pn | 17:18:17.890 | 1.1 | T__ | 38.8 | | | | | | | 6489623 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 2.18 | 23.7 | Sn | 17:18:44.906 | 0.4 | T__ | | | | | | | | 6489624 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| PRU | 2.46 | 334.4 | Sn | 17:18:52.898 | 3.5 | T__ | | | | | | | | 6489625 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

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|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/04/20 | 18:23:29.83 | 1.02 | 0.55 | 47.7882 | 16.1701 | 8.7 | 3.7 | 40 | 9.0f | 9 | 5 | 129 | | 0.12 | 1.28 | ke | BUD | 17000990 | BUD | | | 212 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.0 | 0.8 | 4 BUD | 17000990 |

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|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| RONA | 0.12 | 136.1 | Pg | 18:23:33.067 | 0.1 | | | | | T__ | | 59.9 | | | ML | 0.4 | 6490807 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 136.1 | Lg | 18:23:35.115 | -0.2 | | | | | T__ | | | | | | 6490806 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.25 | 304.1 | Pg | 18:23:35.041 | -0.2 | | | | | T__ | | 32.1 | | | ML | 0.5 | 6490805 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.25 | 304.1 | Lg | 18:23:38.341 | -0.7 | | | | | T__ | | | | | | 6490813 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.58 | 298.5 | Pg | 18:23:41.783 | 0.6 | | | | | T__ | | 102.0 | | | ML | 1.8 | 6490809 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.58 | 298.5 | Lg | 18:23:49.606 | 0.8 | | | | | T__ | | | | | | 6490808 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.69 | 219.4 | Pg | 18:23:42.901 | -0.5 | | | | | T__ | | 38.3 | | | ML | 1.5 | 6490810 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.69 | 219.4 | Lg | 18:23:52.475 | 0.3 | | | | | T__ | | | | | | 6490811 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.28 | 6.6 | Sn | 18:24:10.840 | 0.2 | | | | | T__ | | | | | | 6490812 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

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|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/04/20 | 21:03:36.65 | 0.83 | 0.81 | 47.7660 | 16.1542 | 4.0 | 3.0 | 37 | 12.8 | 0.6 | 25 | 14 | 80 | 0.12 | 1.31 | ke | BUD | 17000996 | BUD | | | 158 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.7 | 0.1 | 11 BUD | 17000996 |

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|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| RONA | 0.12 | 124.6 | Pg | 21:03:39.718 | -0.4 | | | | | T__ | | 97.0 | | | _d ML | 0.6 | 6490986 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 124.6 | Lg | 21:03:41.749 | -0.9 | | | | | T__ | | | | | | 6490987 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 309.6 | Pg | 21:03:42.382 | -0.0 | | | | | T__ | | 41.6 | | | ML | 0.6 | 6490989 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |

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|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|---------|---------|---------|------|------|------|------|------|-----|-----|---|
| CONA | 0.26 | 309.6 | Lg | 21:03:45.362 | -1.0 | T__ | | | | | | | | 6490988 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.26 | 39.6 | Pg | 21:03:42.810 | 0.6 | T__ | 496.9 | | | | | | | ML | 1.7 | 6490990 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A004A | 0.26 | 39.6 | Lg | 21:03:48.230 | 2.1 | T__ | | | | | | | | | 6490991 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.29 | 106.7 | Pg | 21:03:42.829 | -0.0 | T__ | 38.6 | | | | | | | ML | 0.7 | 6490993 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| SOP | 0.29 | 106.7 | Lg | 21:03:46.908 | -0.2 | T__ | | | | | | | | | 6490992 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.58 | 300.9 | Pg | 21:03:48.342 | 0.2 | T__ | 91.4 | | | | | | | ML | 1.8 | 6490994 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A013A | 0.58 | 300.9 | Lg | 21:03:56.538 | 0.6 | T__ | | | | | | | | | 6490995 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.61 | 3.2 | Pg | 21:03:49.106 | 0.5 | T__ | 95.2 | | | | | | | ML | 1.8 | 6490999 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A005B | 0.61 | 3.2 | Lg | 21:03:57.599 | 0.2 | T__ | | | | | | | | | 6491000 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.61 | 142.1 | Lg | 21:03:57.376 | 0.2 | T__ | | | | | | | | | 6490998 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| ARSA | 0.67 | 219.9 | Pg | 21:03:49.590 | -0.2 | T__ | 45.8 | | | | | | | ML | 1.5 | 6490997 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ARSA | 0.67 | 219.9 | Lg | 21:03:59.052 | 0.7 | T__ | | | | | | | | | 6490996 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 331.0 | Pg | 21:03:49.953 | -0.1 | T__ | 70.9 | | | | | | | _c_ | ML | 1.7 | 6491002 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 331.0 | Lg | 21:03:58.903 | -0.7 | T__ | | | | | | | | | 6491001 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.97 | 50.7 | Pg | 21:03:55.588 | -0.4 | T__ | | | | | | | | | 6491005 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| MODS | 0.97 | 50.7 | Lg | 21:04:09.259 | -1.0 | T__ | | | | | | | | | 6491006 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| A006A | 0.98 | 354.8 | Pg | 21:03:55.103 | -0.5 | T__ | 36.5 | | | | | | | ML | 1.6 | 6491004 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A006A | 0.98 | 354.8 | Lg | 21:04:07.843 | -1.4 | T__ | | | | | | | | | 6491003 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A001A | 1.01 | 16.7 | Lg | 21:04:10.079 | -0.4 | T__ | | | | | | | | | 6491007 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| HU08A | 1.24 | 105.0 | Pn | 21:04:00.170 | 1.3 | T__ | 69.4 | | | | | | | ML | 2.0 | 6491008 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.31 | 7.0 | Pn | 21:04:00.468 | 0.4 | T__ | 40.4 | | | | | | | ML | 1.8 | 6491010 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KRUC | 1.31 | 7.0 | Sn | 21:04:17.529 | 0.2 | T__ | | | | | | | | | 6491009 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

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|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/04/20 | 21:15:39.82 | 0.78 | 0.85 | 45.8529 | 16.0322 | 9.3 | 6.4 | 64 | 7.4 | 10.0 | 56 | 41 | 87 | 0.04 | 3.48 | ke | BUD | 17000998 | BUD | | | 127 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 3.4 | 0.2 | 36 BUD | 17000998 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|----------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| ZAG | 0.04 | 230.7 | Pg | 21:15:41.985 | 0.5 | | | | | T__ | 431135.5 | | | _d_ | ML | 4.0 | 6491221 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.04 | 230.7 | Lg | 21:15:43.687 | 0.9 | | | | | T__ | | | | | | 6491220 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |

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|--|-----|----------|--------|-------------|---------|--------|------|---------|---|
| (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=0 PTJ 0.07 320.4 Pg 21:15:41.299 -0.9 | T__ | 313022.7 | _c_ ML | 4.0 6491218 | FDSN CR | -- BUD | iLoc | BHZ BHZ | _ |
| PTJ 0.07 320.4 Lg 21:15:42.315 -1.8 | T__ | | --- | 6491219 | FDSN CR | -- BUD | iLoc | BHN ??? | _ |
| (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=0 CRES 0.40 266.4 Pg 21:15:48.324 0.5 | T__ | 2364.4 | ___ ML | 2.8 6491223 | FDSN SL | -- BUD | iLoc | BHZ BHZ | _ |
| CRES 0.40 266.4 Lg 21:15:53.757 -0.0 | T__ | | --- | 6491224 | FDSN SL | -- BUD | iLoc | BHN ??? | _ |
| (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=0 KOGS 0.61 14.2 Pg 21:15:51.782 -0.2 | T__ | 8179.6 | ___ ML | 3.8 6491222 | FDSN SL | -- BUD | iLoc | BHZ BHZ | _ |
| (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=0 BEHE 0.81 39.7 Pn 21:15:56.170 -0.7 | T__ | 7733.0 | ___ ML | 3.8 6491213 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| BEHE 0.81 39.7 Sn 21:16:07.532 -1.7 | T__ | | --- | 6491225 | FDSN HU | -- BUD | iLoc | HHN ??? | _ |
| (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=0 A264A 0.93 70.3 Pn 21:15:58.663 0.2 | T__ | 3144.9 | ___ ML | 3.5 6491209 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=1 A262A 1.07 18.6 Pn 21:16:00.362 -0.1 | T__ | 2120.8 | ___ ML | 3.4 6491205 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=1 A263A 1.19 48.0 Pg 21:16:01.870 -0.6 | T__ | 1978.3 | ___ ML | 3.5 6491214 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=1 OBKA 1.22 303.0 Pn 21:16:03.032 -0.3 | T__ | 2244.8 | ___ ML | 3.5 6491229 | FDSN OE | -- BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=1 A273A 1.25 86.4 Pg 21:16:02.867 -0.6 | T__ | 1606.9 | ___ ML | 3.4 6491226 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| A273A 1.25 86.4 Lg 21:16:19.377 -0.6 | T__ | | --- | 6491215 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ |
| (Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=1 A261A 1.34 34.7 Pg 21:16:04.130 -1.1 | T__ | 1086.5 | ___ ML | 3.3 6491227 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1 A265A 1.35 64.4 Pn 21:16:04.075 -0.1 | T__ | 2277.1 | ___ ML | 3.6 6491228 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1 BLY 1.37 143.2 Pg 21:16:05.337 0.1 | T__ | 998.1 | ___ ML | 3.3 6491231 | FDSN MN | -- BUD | iLoc | HHZ HHZ | _ |
| BLY 1.37 143.2 Lg 21:16:25.642 2.0 | T__ | | --- | 6491232 | FDSN MN | -- BUD | iLoc | HHE ??? | _ |
| (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1 ARSA 1.44 346.1 Pg 21:16:05.919 -0.5 | T__ | 560.1 | ___ ML | 3.0 6491204 | FDSN OE | -- BUD | iLoc | HHZ HHZ | _ |
| ARSA 1.44 346.1 Sn 21:16:24.096 -0.4 | T__ | | --- | 6491216 | FDSN OE | -- BUD | iLoc | HHN ??? | _ |
| (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=0 KOVH 1.46 80.0 Pn 21:16:05.502 -0.1 | T__ | 536.2 | ___ ML | 3.0 6491230 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| KOVH 1.46 80.0 Sn 21:16:24.158 -0.6 | T__ | | --- | 6491217 | FDSN HU | -- BUD | iLoc | HHN ??? | _ |
| (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=0 A260A 1.50 17.7 Pn 21:16:06.406 -0.1 | T__ | 841.6 | ___ ML | 3.3 6491201 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| (Reading ML: 3.3 magdef=1 | | | | | | | | | |

| | | | | | | | | | |
|---|-----|--------|--------|-------------|---------|--------|------|---------|---|
| (Station ML: 3.3 magdef=1 TIH 1.66 50.2 Pn 21:16:08.389 -0.0 (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=0 | T__ | 2242.4 | ___ ML | 3.8 6491208 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| MPLH 1.68 37.8 Pn 21:16:08.410 -0.4 (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1 | T__ | 465.5 | ___ ML | 3.1 6491233 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| A266A 1.69 65.7 Pn 21:16:08.685 -0.1 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=0 | T__ | 1631.0 | ___ ML | 3.7 6491234 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| EGYH 1.80 29.3 Pn 21:16:10.331 -0.2 (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1 | T__ | 646.7 | ___ ML | 3.3 6491235 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| MORH 1.85 77.8 Pn 21:16:10.715 -0.2 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1 | T__ | 459.3 | ___ ML | 3.2 6491236 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| RONA 1.86 5.5 Pn 21:16:11.346 -0.2 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1 | T__ | 451.7 | ___ ML | 3.2 6491196 | FDSN OE | -- BUD | iLoc | HHZ HHZ | _ |
| SOP 1.87 11.0 Pn 21:16:11.500 -0.0 (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=0 | T__ | 359.1 | ___ ML | 3.1 6491198 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ |
| HU08A 2.05 38.9 Pn 21:16:13.792 0.0 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1 | T__ | 388.5 | ___ ML | 3.2 6491207 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ |
| CONA 2.08 356.8 Pn 21:16:14.897 0.1 (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=0 | T__ | 232.1 | ___ ML | 3.0 6491195 | FDSN OE | -- BUD | iLoc | HHZ HHZ | _ |
| A004A 2.13 6.6 Pn 21:16:15.799 0.7 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=1 | T__ | 642.8 | ___ ML | 3.5 6491203 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| A272A 2.22 65.3 Pn 21:16:15.452 -0.6 A272A 2.22 65.3 Lg 21:16:52.605 1.1 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=1 | T__ | 620.3 | ___ ML | 3.5 6491237 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| | T__ | | --- | 6491238 | FDSN Z3 | 00 BUD | iLoc | HHE ??? | _ |
| A013A 2.25 349.3 Pn 21:16:17.675 0.6 (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1 | T__ | 333.9 | ___ ML | 3.3 6491197 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| A005B 2.52 2.6 Pn 21:16:20.763 0.1 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=0 | T__ | 615.1 | ___ ML | 3.7 6491200 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| A008A 2.53 354.3 Pn 21:16:21.535 0.7 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1 | T__ | 191.3 | ___ ML | 3.2 6491199 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| A002B 2.54 8.5 Pn 21:16:22.128 1.3 (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1 | T__ | 540.5 | ___ ML | 3.6 6491206 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ |
| HU21A 2.62 78.1 Lg 21:17:06.435 2.0 | T__ | | --- | 6491239 | FDSN ZJ | 00 BUD | iLoc | HHE ??? | _ |
| MODS 2.66 18.2 Pn 21:16:21.872 -0.7 | T__ | | --- | 6491241 | FDSN SK | -- BUD | iLoc | HHZ ??? | _ |
| MODS 2.66 18.2 Lg 21:17:07.313 1.6 | T__ | | --- | 6491240 | FDSN SK | -- BUD | iLoc | HHE ??? | _ |
| A337A 2.68 26.0 Sn 21:16:54.691 0.1 | T__ | | --- | 6491242 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ |
| A338A 2.68 35.5 Sn 21:16:55.239 0.3 | T__ | | --- | 6491243 | FDSN Z3 | 00 BUD | iLoc | HH2 ??? | _ |
| FRGS 2.75 103.3 Pn 21:16:23.738 0.2 | T__ | 279.0 | ___ ML | 3.5 6491245 | FDSN SJ | -- BUD | iLoc | BHZ BHZ | _ |

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FRGS  2.75 103.3 Sn      21:16:55.788 -0.8      T__          ---          6491244  FDSN SJ      -- BUD  iLoc  BHN ??? _
(Reading ML:  3.5 magdef=1
(Station ML:  3.5 magdef=1
HU01A  2.89  57.6 Lg      21:17:14.447   0.6      T__          ---          6491248  FDSN ZJ      00 BUD  iLoc  HHE ??? _
A006A  2.89 359.8 Pn      21:16:25.240 -0.6      T__          280.1      --- ML      3.6 6491202  FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A006A  2.89 359.8 Pg      21:16:33.727   0.5      T__          ---          6491247  FDSN Z3      00 BUD  iLoc  HHN ??? _
A006A  2.89 359.8 Lg      21:17:13.899   2.1      T__          ---          6491246  FDSN Z3      00 BUD  iLoc  HHE ??? _
(Reading ML:  3.6 magdef=1
(Station ML:  3.6 magdef=1
A001A  2.90   7.3 Pn      21:16:26.263   0.3      T__          327.8      --- ML      3.6 6491249  FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A001A  2.90   7.3 Pg      21:16:34.824   1.0      T__          ---          6491250  FDSN Z3      00 BUD  iLoc  HHZ ??? _
(Reading ML:  3.6 magdef=1
(Station ML:  3.6 magdef=1
VYHS   3.26 34.9 Pn      21:16:30.773   0.0      T__          21.7       --- ML      2.6 6491211  FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS   3.26 34.9 Sn      21:17:07.977 -1.5      T__          ---          6491212  FDSN SK      -- BUD  iLoc  HHN ??? _
(Reading ML:  2.6 magdef=1
(Station ML:  2.6 magdef=0
VRAC   3.48   6.1 Pn      21:16:33.552 -0.4      T__          21.2       --- ML      2.8 6491210  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
(Reading ML:  2.8 magdef=1
(Station ML:  2.8 magdef=0

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Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/04/21 00:06:09.89  0.88  0.29  47.7699  16.1790  5.1  3.3  27 12.9  0.6  15  8  89  0.11  1.00  ke BUD  17001004  BUD  168

```

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Magnitude  Err Nsta Author  OrigID
ML  1.0 0.6  6 BUD  17001004

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh  L
RONA  0.11 131.5 Pg      00:06:13.216 -0.0      T__          51.8      _d_ ML      0.3 6492224  FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.11 131.5 Lg      00:06:15.190 -0.5      T__          ---          6492223  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  0.3 magdef=1
(Station ML:  0.3 magdef=0
CONA  0.27 306.7 Pg      00:06:16.084  0.2      T__          26.5      --- ML      0.5 6492225  FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA  0.27 306.7 Lg      00:06:19.660 -0.3      T__          ---          6492226  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  0.5 magdef=1
(Station ML:  0.5 magdef=1
SOP   0.27 108.6 Pg      00:06:16.158  0.3      T__          37.5      --- ML      0.6 6492227  FDSN HU      -- BUD  iLoc  HHZ HHZ _
SOP   0.27 108.6 Lg      00:06:20.144  0.2      T__          ---          6492228  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  0.6 magdef=1
(Station ML:  0.6 magdef=1
A013A 0.60 299.8 Pg      00:06:21.821  0.2      T__          36.4      --- ML      1.4 6492230  FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A013A 0.60 299.8 Lg      00:06:29.644  0.1      T__          ---          6492229  FDSN Z3      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.4 magdef=1
(Station ML:  1.4 magdef=1
ARSA   0.68 220.8 Pg      00:06:23.236 -0.0      T__          31.8      --- ML      1.4 6492231  FDSN OE      -- BUD  iLoc  HHZ HHZ _
ARSA   0.68 220.8 Lg      00:06:31.916 -0.1      T__          ---          6492232  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.4 magdef=1
(Station ML:  1.4 magdef=1
A008A 0.70 329.7 Pg      00:06:23.497  0.1      T__          43.5      --- ML      1.5 6492234  FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A008A 0.70 329.7 Lg      00:06:32.698 -0.2      T__          ---          6492233  FDSN Z3      00 BUD  iLoc  HH2 ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=0

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| | | | | | | | | | | | | | | | | |
|-------|------|------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MODS | 0.95 | 50.2 | Pg | 00:06:29.085 | 0.1 | T__ | --- | 6492235 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.95 | 50.2 | Lg | 00:06:42.533 | -0.4 | T__ | --- | 6492236 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| A001A | 1.00 | 15.8 | Lg | 00:06:43.576 | -0.3 | T__ | --- | 6492237 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/21 | 05:10:14.28 | 0.83 | 0.63 | 47.7552 | 16.1450 | 4.4 | 2.8 | 35 | 11.2 | 5.8 | 28 | 16 | 82 | 0.12 | 1.62 | ke | BUD | 17001008 | BUD | | | 161 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | 0.1 | 14 BUD | 17001008 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 118.5 | Pg | 05:10:17.402 | -0.2 | | | | | T__ | | 1234.5 | | --- | ML | 1.7 | 6492355 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 118.5 | Lg | 05:10:19.507 | -0.4 | | | | | T__ | | | | --- | | 6492356 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 312.3 | Pg | 05:10:19.767 | -0.2 | | | | | T__ | | 171.9 | | --- | ML | 1.3 | 6492358 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 312.3 | Lg | 05:10:23.753 | -0.1 | | | | | T__ | | | | --- | | 6492357 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.27 | 39.1 | Pg | 05:10:20.345 | 0.4 | | | | | T__ | | 589.9 | | --- | ML | 1.8 | 6492363 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.27 | 39.1 | Lg | 05:10:25.448 | 1.5 | | | | | T__ | | | | --- | | 6492364 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.29 | 104.3 | Pg | 05:10:20.345 | -0.1 | | | | | T__ | | 228.8 | | --- | ML | 1.5 | 6492362 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.29 | 104.3 | Lg | 05:10:24.144 | -0.5 | | | | | T__ | | | | --- | | 6492361 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.58 | 302.1 | Pg | 05:10:25.709 | -0.0 | | | | | T__ | | 290.7 | | _d | ML | 2.3 | 6492366 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.58 | 302.1 | Lg | 05:10:33.942 | 0.5 | | | | | T__ | | | | --- | | 6492365 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.61 | 141.0 | Pg | 05:10:26.305 | -0.2 | | | | | T__ | | 235.3 | | --- | ML | 2.2 | 6492367 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.62 | 3.7 | Pg | 05:10:26.491 | 0.1 | | | | | T__ | | 499.3 | | --- | ML | 2.5 | 6492371 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.62 | 3.7 | Lg | 05:10:35.022 | -0.2 | | | | | T__ | | | | --- | | 6492370 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.66 | 220.1 | Pg | 05:10:27.236 | 0.1 | | | | | T__ | | 173.3 | | --- | ML | 2.1 | 6492359 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.66 | 220.1 | Lg | 05:10:36.214 | 0.7 | | | | | T__ | | | | --- | | 6492360 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 331.9 | Pg | 05:10:27.423 | -0.3 | | | | | T__ | | 355.6 | | --- | ML | 2.4 | 6492368 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.70 | 331.9 | Lg | 05:10:36.512 | -0.9 | | | | | T__ | | | | --- | | 6492369 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.87 | 112.4 | Pg | 05:10:31.259 | -0.2 | | | | | T__ | | 143.4 | | --- | ML | 2.1 | 6492372 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.87 | 112.4 | Lg | 05:10:44.149 | 0.2 | | | | | T__ | | | | --- | | 6492373 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A261A | 1.05 | 139.3 | Pg | 05:10:35.011 | 0.2 | | | | | T__ | | 133.6 | | --- | ML | 2.2 | 6492374 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 2.2 magdef=1
KRUC 1.32 7.2 Pn 05:10:37.805 -0.2 T__ 137.5 ___ ML 2.4 6492375 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.32 7.2 Sn 05:10:54.904 -0.6 T__ ___ 6492376 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
JAVC 1.50 42.1 Pn 05:10:40.674 -0.1 T__ 79.8 ___ ML 2.2 6492378 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.50 42.1 Sn 05:11:02.205 1.1 T__ ___ 6492377 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
VRAC 1.58 10.7 Pn 05:10:41.493 -0.2 T__ 16.0 ___ ML 1.6 6492379 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.58 10.7 Sn 05:11:01.386 -0.7 T__ ___ 6492380 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
TREC 1.60 344.4 Sn 05:11:03.695 1.4 T__ ___ 6492381 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.62 311.7 Sn 05:11:04.291 0.9 T__ ___ 6492382 FDSN CZ -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/21 | 05:46:34.48 | 1.21 | 0.59 | 47.7571 | 16.1639 | 12.1 | 5.0 | 47 | 12.9 | 8.2 | 10 | 6 | 116 | 0.11 | 1.31 | ke | BUD | 17001010 | BUD | | | 214 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 6 BUD | 17001010 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 122.7 | Pg | 05:46:38.016 | 0.2 | | | | | T__ | | 82.1 | | ___ | ML | 0.5 | 6492433 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 122.7 | Lg | 05:46:39.954 | -0.3 | | | | | T__ | | | | ___ | | 6492434 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 310.2 | Pg | 05:46:40.568 | 0.1 | | | | | T__ | | 46.0 | | ___ | ML | 0.7 | 6492436 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 310.2 | Lg | 05:46:44.107 | -0.4 | | | | | T__ | | | | ___ | | 6492435 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 301.3 | Pg | 05:46:46.435 | 0.3 | | | | | T__ | | 46.2 | | ___ | ML | 1.5 | 6492437 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 301.3 | Lg | 05:46:54.333 | 0.3 | | | | | T__ | | | | ___ | | 6492438 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.67 | 220.8 | Pg | 05:46:47.423 | -0.1 | | | | | T__ | | 34.3 | | ___ | ML | 1.4 | 6492439 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 330.9 | Pg | 05:46:47.702 | -0.4 | | | | | T__ | | 76.3 | | ___ | ML | 1.8 | 6492440 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.31 | 6.6 | Pn | 05:46:58.610 | 0.7 | | | | | T__ | | 32.2 | | ___ | ML | 1.7 | 6492441 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.31 | 6.6 | Sn | 05:47:16.342 | 1.0 | | | | | T__ | | | | ___ | | 6492442 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/21 | 09:04:05.71 | 0.93 | 0.25 | 47.7694 | 16.1643 | 9.1 | 3.4 | 35 | 9.0f | | 9 | 6 | 137 | 0.11 | 0.69 | ke | BUD | 17001012 | BUD | | | 172 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

ML 0.8 0.2 5 BUD 17001012

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 128.0 | Pg | 09:04:08.852 | 0.1 | | | | | T__ | | 56.7 | | _d_ | ML | 0.4 | 6492516 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 128.0 | Lg | 09:04:10.711 | -0.2 | | | | | T__ | | | | --- | | 6492510 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1 Station ML: 0.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 308.1 | Pg | 09:04:11.605 | 0.3 | | | | | T__ | | 44.0 | | --- | ML | 0.7 | 6492512 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 308.1 | Lg | 09:04:15.033 | -0.1 | | | | | T__ | | | | --- | | 6492511 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 107.8 | Pg | 09:04:11.792 | 0.2 | | | | | T__ | | 55.6 | | --- | ML | 0.8 | 6492513 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 300.3 | Lg | 09:04:24.935 | 0.0 | | | | | T__ | | | | --- | | 6492517 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.68 | 220.2 | Pg | 09:04:18.795 | -0.1 | | | | | T__ | | 32.2 | | --- | ML | 1.4 | 6492515 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 330.4 | Pg | 09:04:18.795 | -0.2 | | | | | T__ | | 312.3 | | --- | ML | 2.4 | 6492514 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 330.4 | Lg | 09:04:28.213 | -0.3 | | | | | T__ | | | | --- | | 6492518 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/04/21 | 09:53:36.78 | 1.34 | 0.45 | 47.3091 | 18.2287 | 9.3 | 2.2 | 135 | 0.0f | | 8 | 4 | 218 | 0.01 | 0.10 | kx | BUD | 17001014 | BUD | | | 294 |
| 2021/04/21 | 09:53:34.65 | 0.98 | 0.99 | 47.2302 | 18.2835f | | | | 0.0f | | 8 | 4 | 330 | 0.09 | 0.19 | kx | BUD_GT | 17001015 | BUD_GT | | | 331 |

(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.1 0.2 4 BUD_GT 17001015

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.09 | 325.6 | Pg | 09:53:37.443 | 0.4 | | | | | T__ | | 595.3 | | --- | ML | 1.3 | 6492695 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.09 | 325.6 | Lg | 09:53:38.580 | -0.9 | | | | | T__ | | | | --- | | 6492697 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 353.3 | Pg | 09:53:38.833 | 0.9 | | | | | T__ | | 334.2 | | --- | ML | 1.2 | 6492696 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 353.3 | Lg | 09:53:39.970 | -1.1 | | | | | T__ | | | | --- | | 6492698 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.16 | 354.2 | Pg | 09:53:39.449 | 0.9 | | | | | T__ | | 214.6 | | --- | ML | 1.1 | 6492700 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.16 | 354.2 | Lg | 09:53:41.151 | -1.0 | | | | | T__ | | | | --- | | 6492699 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.19 | 325.1 | Pg | 09:53:39.692 | 0.7 | | | | | T__ | | 140.0 | | --- | ML | 1.0 | 6492701 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.19 | 325.1 | Lg | 09:53:41.533 | -1.3 | | | | | T__ | | | | --- | | 6492702 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/21 | 12:39:26.23 | 1.06 | 0.39 | 47.7695 | 16.1743 | 6.5 | 4.4 | 42 | 12.1 | 6.5 | 8 | 5 | 103 | 0.11 | 0.96 | ke | BUD | 17001016 | BUD | | | 189 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.7 | 0.2 | 3 BUD | 17001016 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 130.3 | Pg | 12:39:29.716 | 0.2 | | | | | T__ | | 97.3 | | ___ | ML | 0.6 | 6492757 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 130.3 | Lg | 12:39:31.653 | -0.2 | | | | | T__ | | | | --- | | 6492758 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 307.2 | Pg | 12:39:32.250 | 0.2 | | | | | T__ | | 45.4 | | ___ | ML | 0.7 | 6492760 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 307.2 | Lg | 12:39:35.751 | -0.4 | | | | | T__ | | | | --- | | 6492759 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.68 | 220.6 | Pg | 12:39:39.849 | 0.2 | | | | | T__ | | 35.8 | | ___ | ML | 1.4 | 6492761 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.68 | 220.6 | Lg | 12:39:48.268 | -0.0 | | | | | T__ | | | | --- | | 6492762 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.94 | 165.0 | Lg | 12:39:56.204 | -0.5 | | | | | T__ | | | | --- | | 6492764 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.96 | 50.3 | Pg | 12:39:45.511 | 0.2 | | | | | T__ | | | | --- | | 6492763 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/22 | 01:38:28.04 | 0.79 | 0.91 | 47.5003 | 19.5529 | 3.7 | 2.7 | 102 | 8.2 | 6.0 | 26 | 18 | 76 | 0.16 | 1.20 | ke | BUD | 17001018 | BUD | | | 97 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.3 | 10 BUD | 17001018 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU01A | 0.16 | 163.6 | Pg | 01:38:32.197 | 0.1 | | | | | T__ | | 235.0 | | ___ | ML | 1.1 | 6493252 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU01A | 0.16 | 163.6 | Lg | 01:38:34.991 | -0.1 | | | | | T__ | | | | --- | | 6493253 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| BUD | 0.36 | 267.5 | Lg | 01:38:41.175 | -0.5 | | | | | T__ | | | | --- | | 6493254 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU03A | 0.41 | 4.5 | Pg | 01:38:37.189 | 0.6 | | | | | T__ | | 96.9 | | ___ | ML | 1.4 | 6493256 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.41 | 4.5 | Lg | 01:38:42.888 | 0.1 | | | | | T__ | | | | --- | | 6493255 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.48 | 28.7 | Pg | 01:38:37.729 | -0.7 | | | | | T__ | | 113.9 | | ___ | ML | 1.7 | 6493270 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.48 | 28.7 | Lg | 01:38:44.583 | -1.3 | | | | | T__ | | | | --- | | 6493258 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.49 | 73.3 | Lg | 01:38:46.334 | 0.3 | | | | | T__ | | | | --- | | 6493259 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.50 | 313.9 | Pg | 01:38:38.846 | 0.5 | | | | | T__ | | 42.7 | | ___ | ML | 1.3 | 6493257 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| HU04A | 0.69 | 184.3 | Pg | 01:38:42.646 | 0.4 | | | | | T__ | | 90.7 | | ___ | ML | 1.8 | 6493261 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU04A | 0.69 | 184.3 | Lg | 01:38:52.592 | -0.3 | | | | | T__ | | | | --- | | 6493260 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A272A | 0.86 | 208.2 | Pg | 01:38:45.403 | 0.1 | | | | | T__ | | 79.6 | | ___ | ML | 1.9 | 6493262 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A272A | 0.86 | 208.2 | Lg | 01:38:57.116 | -1.2 | | | | | T__ | | | | --- | | 6493273 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
MSW1 0.88 263.5 Lg 01:38:58.138 -1.4 T__ --- 6493274 FDSN HU -- BUD iLoc HHN ??? _
CSKK 0.89 261.6 Lg 01:38:58.974 -0.6 T__ --- 6493275 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.90 46.1 Pn 01:38:45.477 -0.2 T__ 24.7 --- ML 1.4 6493266 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.90 46.1 Lg 01:38:58.515 -1.3 T__ --- 6493265 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW2 0.93 258.2 Sn 01:39:00.645 0.4 T__ --- 6493276 FDSN HU -- BUD iLoc HHE ??? _
A338A 0.96 302.9 Pn 01:38:47.638 1.2 T__ 65.9 --- ML 1.9 6493263 FDSN Z3 00 BUD iLoc HHZ HHZ _
A338A 0.96 302.9 Sn 01:39:01.346 0.4 T__ --- 6493264 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW3 0.98 263.6 Sn 01:39:02.317 1.1 T__ --- 6493277 FDSN HU -- BUD iLoc HHE ??? _
HU05A 1.07 86.7 Pn 01:38:49.240 1.5 T__ 93.8 --- ML 2.1 6493271 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU08A 1.11 267.0 Sn 01:39:05.221 0.8 T__ --- 6493272 FDSN ZJ 00 BUD iLoc HHE ??? _
KECS 1.17 32.1 Sn 01:39:06.711 1.0 T__ --- 6493267 FDSN SK -- BUD iLoc EHE ??? _
JOS 1.20 33.3 Pn 01:38:51.214 1.6 T__ 30.2 --- ML 1.6 6493269 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.20 33.3 Sn 01:39:06.711 0.3 T__ --- 6493268 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/22 05:49:06.21 0.88 0.64 48.0805 19.9050 4.4 3.0 138 5.1 13.2 17 10 103 0.16 0.92 ke BUD 17001020 BUD 154

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 8 BUD 17001020

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.16 182.5 Pg 05:49:10.141 -0.0 T__ 2740.9 _d ML 2.2 6493330 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.16 182.5 Lg 05:49:12.749 -0.5 T__ --- 6493331 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
HU03A 0.27 229.3 Pg 05:49:12.376 0.3 T__ 624.1 --- ML 1.8 6493333 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.27 229.3 Lg 05:49:16.399 0.1 T__ --- 6493332 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.42 84.0 Pg 05:49:14.816 -0.2 T__ 199.7 --- ML 1.8 6493334 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.42 84.0 Lg 05:49:20.572 -1.2 T__ --- 6493335 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU23A 0.50 152.2 Pg 05:49:16.977 0.2 T__ 288.1 --- ML 2.1 6493337 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.50 152.2 Lg 05:49:24.595 0.3 T__ --- 6493336 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KECS 0.56 43.7 Pg 05:49:17.740 0.4 T__ 192.1 --- ML 2.1 6493340 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 43.7 Lg 05:49:26.159 0.4 T__ --- 6493339 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 0.59 45.3 Pg 05:49:18.299 0.3 T__ 63.7 --- ML 1.6 6493341 FDSN ZJ -- BUD iLoc HHZ HHZ _

```

```

JOS 0.59 45.3 Lg 05:49:27.351 0.5 T__ --- 6493342 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU10A 0.64 248.8 Lg 05:49:28.879 -0.5 T__ --- 6493338 FDSN ZJ 00 BUD iLoc HHN ??? _
BSZH 0.82 162.5 Lg 05:49:35.062 -0.2 T__ --- 6493344 FDSN HU -- BUD iLoc HHE ??? _
VYHS 0.83 300.5 Pg 05:49:22.434 -0.4 T__ 13.3 --- ML 1.1 6493343 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
ABAH 0.92 75.9 Pn 05:49:25.675 1.3 T__ 75.9 --- ML 1.9 6493346 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.92 75.9 Lg 05:49:37.447 -0.7 T__ --- 6493345 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/22 09:38:39.64 2.26 0.84 48.2268 21.2425 14.4 4.9 131 0.0f 10 6 206 0.07 0.98 kx BUD 17001022 BUD 251
2021/04/22 09:38:39.88 0.95 0.90 48.2470 21.2460f 0.0f 10 6 204 0.05 0.99 kx BUD_GT 17001023 BUD_GT 253
(locality : Tallya Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD_GT 17001023

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.05 355.1 Pg 09:38:41.875 0.4 T__ 8337.9 --- ML 2.4 6493716 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 09:38:42.843 -0.2 T__ --- 6493717 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
JOS 0.53 298.1 Pg 09:38:51.113 0.5 T__ 59.9 --- ML 1.6 6493719 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 09:38:58.600 -0.2 T__ --- 6493718 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.56 295.3 Pg 09:38:51.411 0.2 T__ 116.7 --- ML 1.9 6493720 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 295.3 Lg 09:38:59.495 -0.2 T__ --- 6493721 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.96 250.6 Lg 09:39:12.384 -2.2 T__ --- 6493723 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 44.4 Lg 09:39:13.725 -0.4 T__ --- 6493722 FDSN SK -- BUD iLoc HHE ??? _
ET1H 0.99 248.7 Pn 09:38:59.718 -0.2 T__ 39.1 --- ML 1.6 6493725 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.99 248.7 Lg 09:39:14.023 -1.2 T__ --- 6493724 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/22 12:04:14.50 1.32 0.39 48.5100 20.7584 10.3 3.7 15 0.0f 8 4 219 0.15 0.42 sx BUD 17001024 BUD 297

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.2 4 BUD 17001024

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.15 264.5 Pg 12:04:17.700 0.0 T__ 273.4 --- ML 1.1 6493795 FDSN ZJ -- BUD iLoc HHZ HHZ _

```

JOS 0.15 264.5 Lg 12:04:20.829 0.6 T__ --- 6493796 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.1 magdef=1
 (Station ML: 1.1 magdef=1
 KECS 0.18 261.7 Pg 12:04:17.998 -0.4 T__ 921.2 --- ML 1.8 6493798 FDSN SK -- BUD iLoc EHZ EHZ _
 KECS 0.18 261.7 Lg 12:04:21.500 0.0 T__ --- 6493797 FDSN SK -- BUD iLoc EHN ??? _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 ABAH 0.39 123.5 Pg 12:04:22.543 0.1 T__ 46.7 --- ML 1.0 6493799 FDSN HU -- BUD iLoc HHZ HHZ _
 ABAH 0.39 123.5 Lg 12:04:28.875 -0.4 T__ --- 6493800 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 1.0 magdef=1
 (Station ML: 1.0 magdef=1
 HU02A 0.42 202.0 Pg 12:04:23.288 -0.2 T__ 29.7 --- ML 0.9 6493802 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU02A 0.42 202.0 Lg 12:04:30.514 0.2 T__ --- 6493801 FDSN ZJ 00 BUD iLoc HHN ??? _
 (Reading ML: 0.9 magdef=1
 (Station ML: 0.9 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/22 | 16:30:25.65 | 1.73 | 0.45 | 47.7521 | 16.1496 | 8.8 | 5.2 | 58 | 11.3 | 15.0 | 8 | 4 | 110 | 0.11 | 1.32 | ke | BUD | 17001026 | BUD | | | 213 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.8 | 4 BUD | 17001026 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| RONA | 0.11 | 117.9 | Pg | 16:30:28.923 | 0.0 | | | | | T__ | | 45.2 | | --- | ML | 0.3 6493885 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 117.9 | Lg | 16:30:31.084 | -0.2 | | | | | T__ | | | | --- | | 6493884 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.3 magdef=1 (Station ML: 0.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 312.4 | Pg | 16:30:31.382 | -0.0 | | | | | T__ | | 31.6 | | --- | ML | 0.5 6493882 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 312.4 | Lg | 16:30:35.405 | 0.0 | | | | | T__ | | | | --- | | 6493883 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.66 | 220.5 | Pg | 16:30:38.013 | -0.5 | | | | | T__ | | 38.3 | | --- | ML | 1.4 6493886 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.66 | 220.5 | Lg | 16:30:47.549 | 0.6 | | | | | T__ | | | | --- | | 6493887 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.32 | 7.0 | Pn | 16:30:49.673 | 0.3 | | | | | T__ | | 24.2 | | --- | ML | 1.6 6493889 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.32 | 7.0 | Sn | 16:31:06.734 | -0.2 | | | | | T__ | | | | --- | | 6493888 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/22 | 17:11:36.78 | 1.55 | 0.54 | 47.7845 | 16.2308 | 10.5 | 5.7 | 82 | 15.7 | 10.0 | 12 | 6 | 160 | 0.10 | 0.97 | ke | BUD | 17001028 | BUD | | | 230 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 6 BUD | 17001028 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|---------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| RONA | 0.10 | 152.5 | Pg | 17:11:40.849 | 0.5 | | | | | T__ | | 42.4 | | _d | ML | 0.2 6493922 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.10 | 152.5 | Lg | 17:11:42.693 | -0.3 | | | | | T__ | | | | --- | | 6493931 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 0.2 magdef=0
CONA 0.29 300.2 Pg 17:11:43.494 0.2 T__ 43.1 ___ ML 0.7 6493923 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.29 300.2 Lg 17:11:46.902 -0.8 T__ ___ 6493932 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A013A 0.62 297.0 Pg 17:11:49.454 0.5 T__ 39.7 ___ ML 1.4 6493924 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.62 297.0 Lg 17:11:57.389 0.2 T__ ___ 6493925 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A008A 0.70 326.6 Pn 17:11:51.084 -0.3 T__ 57.4 ___ ML 1.6 6493928 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.70 326.6 Lg 17:12:00.201 0.1 T__ ___ 6493933 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ARSA 0.72 222.2 Pg 17:11:50.860 0.1 T__ 43.3 ___ ML 1.5 6493927 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.72 222.2 Lg 17:11:59.698 -0.4 T__ ___ 6493926 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A006A 0.97 351.7 Pg 17:11:55.219 -0.3 T__ 238.4 ___ ML 2.4 6493930 FDSN Z3 00 BUD iLoc HHZ HHZ _
A006A 0.97 351.7 Sn 17:12:07.884 -0.8 T__ ___ 6493929 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/22 | 20:25:52.53 | 1.16 | 0.56 | 47.7791 | 16.1807 | 7.3 | 4.0 | 45 | 13.1 | 8.8 | 10 | 6 | 104 | 0.11 | 1.29 | ke | BUD | 17001030 | BUD | | | 169 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.8 | 0.4 | 5 BUD | 17001030 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| RONA | 0.11 | 135.5 | Pg | 20:25:55.961 | -0.1 | | | | | T__ | | 36.8 | | ___ | ML | 0.2 6493967 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 135.5 | Lg | 20:25:57.786 | -0.7 | | | | | T__ | | | | ___ | | 6493968 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.2 magdef=1 (Station ML: 0.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 304.9 | Pg | 20:25:58.568 | 0.1 | | | | | T__ | | 31.8 | | ___ | ML | 0.5 6493970 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 304.9 | Lg | 20:26:02.666 | 0.2 | | | | | T__ | | | | ___ | | 6493969 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 110.5 | Pg | 20:25:58.953 | 0.4 | | | | | T__ | | 51.2 | | ___ | ML | 0.8 6493975 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.69 | 329.2 | Pg | 20:26:05.795 | -0.1 | | | | | T__ | | 29.7 | | ___ | ML | 1.4 6493971 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 329.2 | Lg | 20:26:15.071 | -0.3 | | | | | T__ | | | | ___ | | 6493972 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.69 | 220.4 | Pg | 20:26:05.870 | -0.2 | | | | | T__ | | 34.0 | | ___ | ML | 1.4 6493974 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.69 | 220.4 | Lg | 20:26:15.182 | 0.2 | | | | | T__ | | | | ___ | | 6493973 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.29 | 6.3 | Sn | 20:26:33.783 | 1.0 | | | | | T__ | | | | ___ | | 6493976 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/04/23 09:08:16.76  0.90  0.79  47.8706  19.1489  8.7   3.1  171  0.0f    12   8  165  0.09  1.12  kx BUD      17001032  BUD          252
2021/04/23 09:08:16.54  0.90  0.75  47.8355  19.1270f 0.0f    12   8  192  0.07  1.15  kx BUD_GT   17001033  BUD_GT       258
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

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```

Magnitude Err Nsta Author      OrigID
ML      1.6 0.2   4 BUD_GT      17001033

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU10A  0.07  277.6 Pg      09:08:19.420  0.9      T__      2518.1      ___ ML      1.9 6494231  FDSN  ZJ      00 BUD  iLoc  HHZ HHZ _
HU10A  0.07  277.6 Lg      09:08:20.284 -0.1      T__      ___      6494232  FDSN  ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU03A  0.33  77.7 Lg      09:08:29.113  0.1      T__      ___      6494233  FDSN  ZJ      00 BUD  iLoc  HHN ??? _
ET1H   0.50  84.8 Lg      09:08:34.589 -0.6      T__      ___      6494234  FDSN  HU      -- BUD  iLoc  HHN ??? _
PSZ    0.52  80.6 Pg      09:08:27.541 -0.4      T__      41.2      ___ ML      1.4 6494230  FDSN  GE      -- BUD  iLoc  HHZ HHZ _
PSZ    0.52  80.6 Lg      09:08:35.297 -1.0      T__      ___      6494235  FDSN  GE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS   0.69  343.6 Lg      09:08:39.767 -1.0      T__      ___      6494236  FDSN  SK      -- BUD  iLoc  HHN ??? _
HU02A  0.98  72.5 Pg      09:08:37.346  0.5      T__      37.2      ___ ML      1.6 6494238  FDSN  ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A  0.98  72.5 Lg      09:08:51.576 -0.8      T__      ___      6494237  FDSN  ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS   1.12  54.0 Lg      09:08:56.195  0.2      T__      ___      6494239  FDSN  SK      -- BUD  iLoc  EHN ??? _
JOS    1.15  54.5 Pg      09:08:39.655  0.3      T__      28.0      ___ ML      1.6 6494241  FDSN  ZJ      -- BUD  iLoc  HHZ HHZ _
JOS    1.15  54.5 Sn      09:08:55.152 -1.3      T__      ___      6494240  FDSN  ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/04/23 09:17:04.16  3.69  0.44  47.9902  20.2314  47.1  4.0  136  0.0f    7   4  223  0.24  0.55  sx BUD      17001034  BUD          230

```

```

Magnitude Err Nsta Author      OrigID
ML      1.5 0.1   3 BUD      17001034

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
PSZ   0.24  252.5 Pg      09:17:09.998  0.3      T__      314.1      ___ ML      1.5 6494288  FDSN  GE      -- BUD  iLoc  HHZ HHZ _
PSZ   0.24  252.5 Lg      09:17:13.943 -0.2      T__      ___      6494290  FDSN  GE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H   0.27  245.5 Lg      09:17:14.177 -0.5      T__      ___      6494289  FDSN  HU      -- BUD  iLoc  HHN ??? _
KECS   0.52  18.9 Pg      09:17:15.205  0.5      T__      117.0      ___ ML      1.8 6494285  FDSN  SK      -- BUD  iLoc  EHZ EHZ _
KECS   0.52  18.9 Lg      09:17:22.804  0.0      T__      ___      6494284  FDSN  SK      -- BUD  iLoc  EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS    0.55  22.0 Pg      09:17:14.907 -0.3      T__      52.8      ___ ML      1.5 6494286  FDSN  ZJ      -- BUD  iLoc  HHZ HHZ _
JOS    0.55  22.0 Lg      09:17:23.251 -0.3      T__      ___      6494287  FDSN  ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/23 | 15:17:17.97 | 1.33 | 0.75 | 47.7497 | 16.1476 | 4.5 | 3.8 | 44 | 11.5 | 13.6 | 15 | 8 | 104 | 0.11 | 0.70 | ke | BUD | 17001036 | BUD | | | 186 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.4 | 7 BUD | 17001036 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 116.4 | Pg | 15:17:21.072 | -0.2 | | | | | T__ | | 831.2 | | ___ | ML | 1.5 | 6494470 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 116.4 | Lg | 15:17:23.121 | -0.5 | | | | | T__ | | | | --- | | 6494471 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 313.0 | Pg | 15:17:23.680 | -0.1 | | | | | T__ | | 116.0 | | ___ | ML | 1.1 | 6494474 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 313.0 | Lg | 15:17:27.927 | 0.2 | | | | | T__ | | | | --- | | 6494475 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.27 | 38.1 | Pg | 15:17:24.127 | 0.4 | | | | | T__ | | 540.7 | | ___ | ML | 1.8 | 6494473 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.27 | 38.1 | Lg | 15:17:29.528 | 1.7 | | | | | T__ | | | | --- | | 6494472 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.29 | 103.3 | Pg | 15:17:23.941 | -0.2 | | | | | T__ | | 166.3 | | ___ | ML | 1.3 | 6494477 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.29 | 103.3 | Lg | 15:17:28.038 | -0.3 | | | | | T__ | | | | --- | | 6494476 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 302.5 | Pg | 15:17:29.566 | 0.0 | | | | | T__ | | 287.4 | | ___ | ML | 2.3 | 6494478 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 302.5 | Lg | 15:17:37.649 | 0.3 | | | | | T__ | | | | --- | | 6494479 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.62 | 3.5 | Lg | 15:17:38.245 | -0.9 | | | | | T__ | | | | --- | | 6494480 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.65 | 220.5 | Pg | 15:17:31.056 | 0.2 | | | | | T__ | | 147.9 | | ___ | ML | 2.0 | 6494482 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.65 | 220.5 | Lg | 15:17:39.773 | 0.6 | | | | | T__ | | | | --- | | 6494481 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 332.0 | Pg | 15:17:31.168 | -0.4 | | | | | T__ | | 199.4 | | ___ | ML | 2.2 | 6494483 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.70 | 332.0 | Lg | 15:17:40.145 | -1.1 | | | | | T__ | | | | --- | | 6494484 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/23 | 15:30:07.34 | 1.11 | 0.30 | 47.7669 | 16.1680 | 5.8 | 4.2 | 12 | 10.4 | 9.4 | 9 | 5 | 102 | 0.11 | 0.96 | ke | BUD | 17001040 | BUD | | | 179 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.6 | 0.2 | 3 BUD | 17001040 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 127.8 | Pg | 15:30:10.612 | 0.1 | | | | | T__ | | 89.2 | | ___ | ML | 0.6 | 6494798 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 127.8 | Lg | 15:30:12.475 | -0.2 | | | | | T__ | | | | --- | | 6494799 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 308.2 | Pg | 15:30:13.239 | 0.2 | | | | | T__ | | 26.6 | | ___ | ML | 0.5 | 6494801 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 308.2 | Lg | 15:30:16.536 | -0.5 | | | | | T__ | | | | --- | | 6494800 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
A013A 0.59 300.4 Lg 15:30:26.838 0.1 T__
ARSA 0.68 220.5 Pg 15:30:20.354 -0.2 T__ 45.4 --- ML 1.5 6494802 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.68 220.5 Lg 15:30:29.369 0.2 T__ --- 6494803 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MODS 0.96 50.4 Pg 15:30:26.689 0.1 T__ --- 6494805 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.96 50.4 Lg 15:30:40.659 -0.2 T__ --- 6494806 FDSN SK -- BUD iLoc HHE ??? _

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/23 | 16:30:31.44 | 0.77 | 0.89 | 47.7100 | 16.0278 | 3.2 | 2.8 | 43 | 4.0 | 8.8 | 70 | 41 | 52 | 0.18 | 2.05 | ke | BUD | 17001042 | BUD | | | 89 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.6 | 0.1 | 38 BUD | 17001042 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.18 | 93.2 | Pg | 16:30:35.103 | -0.3 | | | | | T__ | | 13053.2 | | _c_ | ML | 2.9 | 6494927 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.18 | 93.2 | Lg | 16:30:37.972 | -0.2 | | | | | T__ | | | | | | 6494928 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.25 | 332.9 | Pg | 16:30:36.221 | -0.3 | | | | | T__ | | 11446.7 | | _c_ | ML | 3.0 | 6494930 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.25 | 332.9 | Lg | 16:30:40.095 | -0.0 | | | | | T__ | | | | | | 6494929 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.35 | 44.4 | Pg | 16:30:38.977 | 0.4 | | | | | T__ | | 13968.2 | | _c_ | ML | 3.4 | 6494931 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.35 | 44.4 | Lg | 16:30:46.092 | 2.6 | | | | | T__ | | | | | | 6494932 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.36 | 94.1 | Pg | 16:30:38.381 | -0.3 | | | | | T__ | | 6270.4 | | _c_ | ML | 3.1 | 6494934 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.36 | 94.1 | Lg | 16:30:43.336 | -0.4 | | | | | T__ | | | | | | 6494933 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.55 | 310.4 | Pg | 16:30:42.330 | 0.3 | | | | | T__ | | 17731.0 | | _c_ | ML | 4.1 | 6494935 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.55 | 310.4 | Lg | 16:30:49.706 | 0.5 | | | | | T__ | | | | | | 6494936 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.57 | 216.9 | Pg | 16:30:41.958 | -0.6 | | | | | T__ | | 17982.5 | | _c_ | ML | 4.1 | 6494942 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.57 | 216.9 | Lg | 16:30:49.259 | -0.6 | | | | | T__ | | | | | | 6494941 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.63 | 132.6 | Pg | 16:30:43.634 | -0.3 | | | | | T__ | | 5691.8 | | _c_ | ML | 3.6 | 6494938 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.63 | 132.6 | Lg | 16:30:51.978 | -0.4 | | | | | T__ | | | | | | 6494937 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.64 | 273.4 | Pg | 16:30:43.708 | -0.2 | | | | | T__ | | 4416.1 | | _c_ | ML | 3.5 | 6494947 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.64 | 273.4 | Lg | 16:30:53.506 | 1.5 | | | | | T__ | | | | | | 6494946 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.67 | 10.1 | Pg | 16:30:44.826 | 0.3 | | | | | T__ | | 7285.1 | | _d_ | ML | 3.7 | 6494939 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.67 | 10.1 | Lg | 16:30:54.362 | 0.3 | | | | | T__ | | | | | | 6494940 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--------------|------|-----|---------|--------|-------------|------|----|--------|------|-----|-----|---|--|--|--|--|--|--|--|--|
| (Station ML: 3.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A008A 0.71 339.2 Pg | 16:30:44.975 | 0.0 | T__ | 13197.1 | ___ ML | 4.0 6494944 | FDSN | Z3 | 00 BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| A008A 0.71 339.2 Lg | 16:30:54.251 | -0.4 | T__ | | --- | 6494945 | FDSN | Z3 | 00 BUD | iLoc | HH2 | ??? | _ | | | | | | | | |
| (Reading ML: 4.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.0 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| A002B 0.76 30.0 Pg | 16:30:46.949 | 0.7 | T__ | 4358.4 | ___ ML | 3.6 6494943 | FDSN | Z3 | 00 BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| (Reading ML: 3.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A262A 0.91 157.9 Pg | 16:30:49.892 | 0.5 | T__ | 3652.1 | ___ ML | 3.6 6494950 | FDSN | Z3 | 00 BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| (Reading ML: 3.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| EGYH 0.93 107.9 Pg | 16:30:49.631 | -0.2 | T__ | 3907.2 | ___ ML | 3.6 6494948 | FDSN | HU | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| EGYH 0.93 107.9 Lg | 16:31:03.750 | 0.7 | T__ | | --- | 6494949 | FDSN | HU | -- BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| (Reading ML: 3.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A006A 1.03 359.7 Pg | 16:30:50.488 | -0.9 | T__ | 4546.5 | ___ ML | 3.7 6494954 | FDSN | Z3 | 00 BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| A006A 1.03 359.7 Lg | 16:31:04.197 | -2.1 | T__ | | --- | 6494953 | FDSN | Z3 | 00 BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| (Reading ML: 3.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MODS 1.07 51.2 Pn | 16:30:51.308 | -1.4 | T__ | | --- | 6494951 | FDSN | SK | -- BUD | iLoc | HHZ | ??? | _ | | | | | | | | |
| MODS 1.07 51.2 Sn | 16:31:06.991 | -1.4 | T__ | | --- | 6494952 | FDSN | SK | -- BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| A261A 1.08 134.4 Pn | 16:30:51.965 | -0.4 | T__ | 3825.5 | ___ ML | 3.7 6494992 | FDSN | Z3 | 00 BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| (Reading ML: 3.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A001A 1.09 20.0 Pg | 16:30:52.090 | -0.6 | T__ | 1577.0 | ___ ML | 3.3 6494955 | FDSN | Z3 | 00 BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| A001A 1.09 20.0 Lg | 16:31:07.438 | -1.1 | T__ | | --- | 6494956 | FDSN | Z3 | 00 BUD | iLoc | HH2 | ??? | _ | | | | | | | | |
| (Reading ML: 3.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A339A 1.10 83.2 Pn | 16:30:53.208 | 0.3 | T__ | 3303.3 | ___ ML | 3.6 6494958 | FDSN | Z3 | 00 BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| A339A 1.10 83.2 Sn | 16:31:08.704 | -0.0 | T__ | | --- | 6494957 | FDSN | Z3 | 00 BUD | iLoc | HHE | ??? | _ | | | | | | | | |
| (Reading ML: 3.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MPLH 1.16 117.2 Pn | 16:30:52.274 | -1.3 | T__ | 1378.5 | ___ ML | 3.3 6494959 | FDSN | HU | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| MPLH 1.16 117.2 Sn | 16:31:09.373 | -0.6 | T__ | | --- | 6494960 | FDSN | HU | -- BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| (Reading ML: 3.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| KOGS 1.27 173.1 Pn | 16:30:55.552 | 0.2 | T__ | 2350.1 | ___ ML | 3.6 6494961 | FDSN | SL | -- BUD | iLoc | BHZ | BHZ | _ | | | | | | | | |
| KOGS 1.27 173.1 Sn | 16:31:12.949 | 0.5 | T__ | | --- | 6494962 | FDSN | SL | -- BUD | iLoc | BHN | ??? | _ | | | | | | | | |
| (Reading ML: 3.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A337A 1.30 65.0 Pn | 16:30:55.552 | -0.1 | T__ | 2230.1 | ___ ML | 3.6 6494963 | FDSN | Z3 | 00 BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| A337A 1.30 65.0 Sn | 16:31:13.470 | -0.2 | T__ | | --- | 6494964 | FDSN | Z3 | 00 BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| (Reading ML: 3.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| HU08A 1.31 101.6 Pn | 16:30:54.249 | -1.4 | T__ | 2946.2 | ___ ML | 3.7 6494966 | FDSN | ZJ | 00 BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| HU08A 1.31 101.6 Sn | 16:31:13.768 | -0.0 | T__ | | --- | 6494965 | FDSN | ZJ | 00 BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| (Reading ML: 3.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| BEHE 1.34 157.3 Pg | 16:30:57.154 | -0.3 | T__ | 3516.0 | ___ ML | 3.8 6494967 | FDSN | HU | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| BEHE 1.34 157.3 Sn | 16:31:14.662 | 0.5 | T__ | | --- | 6494968 | FDSN | HU | -- BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| (Reading ML: 3.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| KRUC 1.37 10.1 Pn | 16:30:56.111 | -0.8 | T__ | 1945.7 | _d_ ML | 3.6 6494970 | FDSN | CZ | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|-----|---------|---------|---------|------|-----|------|------|------|-----|-----|---|
| KRUC | 1.37 | 10.1 | Sn | 16:31:14.737 | -0.6 | T__ | | | 6494971 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A263A | 1.38 | 140.1 | Pg | 16:30:57.899 | -0.5 | T__ | 2421.3 | --- | ML | 3.7 | 6494969 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 1.38 | 140.1 | Lg | 16:31:17.445 | 1.0 | T__ | | --- | | 6494993 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CSKK | 1.55 | 102.1 | Pn | 16:31:00.283 | 1.3 | T__ | 1031.3 | --- | ML | 3.4 | 6494974 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.57 | 220.6 | Pn | 16:30:59.538 | -0.6 | T__ | 2802.1 | --- | ML | 3.8 | 6494973 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.57 | 220.6 | Sn | 16:31:20.101 | -0.6 | T__ | | --- | | 6494972 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.59 | 43.0 | Pn | 16:31:00.879 | 0.8 | T__ | 1579.7 | --- | ML | 3.6 | 6494979 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.59 | 43.0 | Sn | 16:31:21.980 | 0.3 | T__ | | --- | | 6494994 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU09A | 1.59 | 91.7 | Pn | 16:30:59.166 | -0.4 | T__ | 1329.3 | --- | ML | 3.5 | 6494978 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 1.59 | 91.7 | Sn | 16:31:20.176 | -0.7 | T__ | | --- | | 6494977 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A338A | 1.59 | 78.1 | Pg | 16:31:01.699 | -1.1 | T__ | 1772.8 | --- | ML | 3.6 | 6494980 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.60 | 314.7 | Pn | 16:31:00.656 | 0.6 | T__ | 9021.3 | --- | ML | 4.3 | 6494975 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.60 | 314.7 | Sn | 16:31:20.921 | -0.3 | T__ | | --- | | 6494976 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 4.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| TREC | 1.63 | 347.4 | Pn | 16:31:00.730 | 0.3 | T__ | 4656.2 | --- | ML | 4.1 | 6494981 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| TREC | 1.63 | 347.4 | Sn | 16:31:22.336 | 0.9 | T__ | | --- | | 6494982 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.64 | 13.0 | Pn | 16:31:00.060 | -0.6 | T__ | 381.3 | --- | ML | 3.0 | 6494984 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 1.64 | 13.0 | Sn | 16:31:21.964 | -0.0 | T__ | | --- | | 6494983 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A265A | 1.76 | 136.1 | Pn | 16:31:02.220 | 0.5 | T__ | 1059.9 | --- | ML | 3.5 | 6494985 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 1.76 | 136.1 | Sn | 16:31:25.763 | 1.7 | T__ | | --- | | 6494986 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A264A | 1.78 | 150.4 | Lg | 16:31:30.027 | 1.8 | T__ | | --- | | 6494995 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| PTJ | 1.80 | 181.3 | Pn | 16:31:04.083 | 0.9 | T__ | 752.1 | --- | ML | 3.4 | 6494987 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ZAG | 1.88 | 180.9 | Lg | 16:31:33.752 | 2.0 | T__ | | --- | | 6494996 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| CRES | 1.93 | 192.0 | Pn | 16:31:05.201 | 0.5 | T__ | 438.5 | --- | ML | 3.2 | 6494988 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A266A | 1.93 | 127.0 | Pn | 16:31:05.051 | 1.0 | T__ | 1567.5 | --- | ML | 3.8 | 6494989 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VYHS | 2.04 | 66.3 | Pn | 16:31:04.753 | -1.2 | T__ | 189.5 | --- | ML | 2.9 | 6494990 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |

(Reading ML: 2.9 magdef=1
 (Station ML: 2.9 magdef=0
 A331A 2.05 44.6 Pn 16:31:06.989 0.7 T__ 353.1 ___ ML 3.2 6494991 FDSN Z3 00 BUD iLoc HHZ HHZ _
 (Reading ML: 3.2 magdef=1
 (Station ML: 3.2 magdef=0

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/04/23 | 16:37:44.25 | 0.93 | 0.27 | 47.6981 | 16.0367 | 5.0 | 3.7 | 31 | 7.0f | 10 | 6 | 125 | 0.18 | 0.72 | ke | BUD | 17001044 | BUD | | | | 218 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.6 | 5 BUD | 17001044 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| RONA | 0.18 | 89.4 | Pg | 16:37:48.259 | 0.1 | | | | | T__ | | 72.9 | | _c_ | ML | 0.7 6495094 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 333.0 | Pg | 16:37:49.823 | 0.1 | | | | | T__ | | 46.6 | | --- | ML | 0.7 6495095 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 333.0 | Lg | 16:37:53.176 | -0.3 | | | | | T__ | | | | --- | | 6495096 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.35 | 92.2 | Pg | 16:37:51.649 | 0.2 | | | | | T__ | | 66.1 | | --- | ML | 1.1 6495098 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.35 | 92.2 | Lg | 16:37:56.156 | -0.2 | | | | | T__ | | | | --- | | 6495097 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.56 | 311.0 | Lg | 16:38:02.861 | 0.4 | | | | | T__ | | | | --- | | 6495099 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| ARSA | 0.57 | 218.1 | Pg | 16:37:55.113 | -0.2 | | | | | T__ | | 77.1 | | --- | ML | 1.7 6495101 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.57 | 218.1 | Lg | 16:38:02.675 | 0.1 | | | | | T__ | | | | --- | | 6495100 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.72 | 339.1 | Pg | 16:37:58.130 | 0.1 | | | | | T__ | | 66.2 | | --- | ML | 1.7 6495102 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.72 | 339.1 | Lg | 16:38:07.667 | -0.2 | | | | | T__ | | | | --- | | 6495103 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/04/23 | 16:45:36.60 | 1.12 | 0.56 | 47.6931 | 16.0790 | 5.0 | 4.9 | 145 | 20.4 | 8.3 | 11 | 7 | 129 | 0.15 | 1.39 | ke | BUD | 17001046 | BUD | | | | 236 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.6 | 5 BUD | 17001046 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| RONA | 0.15 | 87.3 | Pg | 16:45:41.855 | 0.4 | | | | | T__ | | 69.2 | | --- | ML | 0.5 6495136 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.15 | 87.3 | Lg | 16:45:44.555 | -0.3 | | | | | T__ | | | | --- | | 6495137 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.28 | 328.2 | Pg | 16:45:43.456 | 0.2 | | | | | T__ | | 33.6 | | --- | ML | 0.6 6495139 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.28 | 328.2 | Lg | 16:45:47.237 | -0.7 | | | | | T__ | | | | --- | | 6495138 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.32 | 91.6 | Pg | 16:45:43.680 | -0.3 | | | | | T__ | | 64.1 | | --- | ML | 1.0 6495140 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
ARSA 0.58 220.6 Pg 16:45:48.541 0.4 T__ 37.7 ___ ML 1.4 6495141 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.58 220.6 Lg 16:45:55.470 -0.5 T__ ___ 6495142 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A008A 0.73 337.2 Pn 16:45:51.559 0.3 T__ 48.1 ___ ML 1.6 6495144 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.73 337.2 Lg 16:46:01.281 0.2 T__ ___ 6495143 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
MODS 1.05 49.3 Lg 16:46:13.574 0.5 T__ ___ 6495145 FDSN SK -- BUD iLoc HHE ??? _
KRUC 1.39 8.6 Lg 16:46:21.770 -0.8 T__ ___ 6495146 FDSN CZ -- BUD iLoc HHE ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/23 16:53:10.67 1.46 0.30 47.6926 16.0280 5.6 4.1 51 7.3 26.4 10 6 126 0.18 0.72 ke BUD 17001048 BUD 220

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Magnitude Err Nsta Author OrigID
ML 1.0 0.6 5 BUD 17001048

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.18 87.7 Pg 16:53:14.743 0.0 T__ 46.0 ___ ML 0.5 6495178 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.18 87.7 Lg 16:53:17.611 0.0 T__ ___ 6495179 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=0
CONA 0.26 334.6 Pg 16:53:16.084 -0.1 T__ 37.4 ___ ML 0.6 6495181 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 334.6 Lg 16:53:19.958 -0.1 T__ ___ 6495180 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
SOP 0.36 91.3 Pg 16:53:17.984 -0.0 T__ 48.7 ___ ML 1.0 6495182 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A013A 0.56 311.8 Lg 16:53:29.569 0.7 T__ ___ 6495185 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.56 217.9 Pg 16:53:21.485 -0.1 T__ 43.6 ___ ML 1.5 6495183 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.56 217.9 Lg 16:53:28.712 -0.0 T__ ___ 6495184 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A008A 0.72 339.7 Pg 16:53:24.428 -0.1 T__ 46.9 ___ ML 1.6 6495187 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.72 339.7 Lg 16:53:34.300 -0.1 T__ ___ 6495186 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/23 16:59:58.09 0.95 0.98 47.6860 16.0213 4.6 3.5 22 5.8 17.2 17 9 127 0.19 1.40 ke BUD 17001050 BUD 222

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 7 BUD 17001050

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.19 85.7 Pg 17:00:02.115 -0.1 T__ 182.0 ___ ML 1.1 6495228 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.19 85.7 Lg 17:00:04.686 -0.4 T__ ___ 6495229 FDSN OE -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
CONA 0.27 336.1 Pg 17:00:03.568 -0.1 T__ 91.6 ___ ML 1.0 6495231 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.27 336.1 Lg 17:00:06.548 -0.9 T__ ___ 6495230 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
SOP 0.36 90.2 Pg 17:00:05.356 -0.1 T__ 78.7 ___ ML 1.2 6495233 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.36 90.2 Lg 17:00:10.162 -0.4 T__ ___ 6495232 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A004A 0.38 42.3 Lg 17:00:13.142 2.3 T__ ___ 6495234 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.55 218.0 Pg 17:00:08.970 0.1 T__ 111.6 ___ ML 1.9 6495236 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.55 218.0 Lg 17:00:16.085 0.2 T__ ___ 6495235 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A013A 0.56 312.6 Pg 17:00:09.305 0.3 T__ 164.3 ___ ML 2.0 6495237 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.56 312.6 Lg 17:00:17.016 0.7 T__ ___ 6495238 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
A008A 0.73 340.2 Pg 17:00:11.875 -0.2 T__ 130.0 ___ ML 2.0 6495240 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.73 340.2 Lg 17:00:21.263 -0.7 T__ ___ 6495239 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MODS 1.09 50.3 Pn 17:00:18.432 -0.9 T__ ___ 6495241 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.09 50.3 Sn 17:00:33.295 -1.8 T__ ___ 6495242 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.40 10.1 Pn 17:00:23.088 -0.5 T__ 38.7 ___ ML 1.9 6495244 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.40 10.1 Sn 17:00:41.863 -0.4 T__ ___ 6495243 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/23 17:03:34.30 1.12 0.38 47.6909 16.0262 5.1 3.9 35 5.7 22.8 12 7 126 0.18 1.39 ke BUD 17001052 BUD 221

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.3 5 BUD 17001052

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.18 87.1 Pg 17:03:38.408 0.1 T__ 46.5 ___ ML 0.5 6495282 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.18 87.1 Lg 17:03:41.015 -0.1 T__ ___ 6495283 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=0
CONA 0.26 335.0 Pg 17:03:39.562 -0.2 T__ 54.6 ___ ML 0.8 6495285 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 335.0 Lg 17:03:43.511 -0.1 T__ ___ 6495284 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
SOP 0.36 91.0 Lg 17:03:46.715 0.1 T__ ___ 6495286 FDSN HU -- BUD iLoc HHN ??? _
ARSA 0.56 217.9 Pg 17:03:44.927 -0.2 T__ 48.7 ___ ML 1.5 6495288 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.56 217.9 Lg 17:03:52.265 0.0 T__ ___ 6495287 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A013A 0.56 312.0 Pg 17:03:45.448 0.3 T__ 74.1 ___ ML 1.7 6495289 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.56 312.0 Lg 17:03:53.308 0.8 T__ ___ 6495290 FDSN Z3 00 BUD iLoc HHN ??? _

```

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A008A 0.72 339.8 Lg 17:03:57.778 -0.3 T__
KRUC 1.39 10.0 Pn 17:03:59.455 -0.3 T__ 37.2 --- ML 1.8 6495293 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.39 10.0 Sn 17:04:18.304 -0.1 T__ --- 6495292 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/23 17:18:19.37 1.19 0.45 47.6973 16.0309 6.1 3.9 55 8.9 16.4 11 7 93 0.18 1.39 ke BUD 17001054 BUD 163

```

```

Magnitude Err Nsta Author OrigID
ML 1.0 0.7 4 BUD 17001054

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.18 89.1 Pg 17:18:23.631 0.1 T__ 47.4 --- ML 0.5 6495325 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.18 89.1 Lg 17:18:26.350 -0.1 T__ --- 6495326 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
CONA 0.26 333.8 Pg 17:18:24.898 -0.0 T__ 31.9 --- ML 0.5 6495328 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 333.8 Lg 17:18:28.325 -0.4 T__ --- 6495327 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
A013A 0.56 311.3 Lg 17:18:38.271 0.7 T__ --- 6495329 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.56 217.8 Pg 17:18:30.523 0.1 T__ 37.5 --- ML 1.4 6495331 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.56 217.8 Lg 17:18:37.489 -0.1 T__ --- 6495330 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A008A 0.72 339.4 Pg 17:18:33.205 0.0 T__ 40.3 --- ML 1.5 6495332 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.72 339.4 Lg 17:18:42.927 -0.1 T__ --- 6495333 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOGS 1.26 173.1 Lg 17:18:59.467 -0.3 T__ --- 6495334 FDSN SL -- BUD iLoc BHN ??? _
KRUC 1.39 9.9 Sn 17:19:03.480 0.8 T__ --- 6495335 FDSN CZ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/23 17:28:21.84 1.02 0.41 47.6962 16.0440 4.8 3.6 23 11.0 10.3 17 9 126 0.17 1.39 ke BUD 17001056 BUD 218

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 8 BUD 17001056

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.17 88.7 Pg 17:28:26.269 0.3 T__ 117.4 --- ML 0.8 6495375 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.17 88.7 Lg 17:28:28.802 -0.1 T__ --- 6495376 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CONA 0.26 332.2 Pg 17:28:27.573 -0.0 T__ 56.5 --- ML 0.8 6495378 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 332.2 Lg 17:28:31.149 -0.4 T__ --- 6495377 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0

```

| | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|---------------------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| SOP | 0.35 | 91.9 | Pg | 17:28:29.435 | 0.3 | T__ | 53.0 | --- | ML | 1.0 | 6495379 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.35 | 91.9 | Lg | 17:28:33.496 | -0.6 | T__ | | --- | | | 6495380 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | (Reading ML: 1.0 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | |
| A013A | 0.57 | 310.8 | Pg | 17:28:33.272 | 0.3 | T__ | 113.0 | --- | ML | 1.9 | 6495383 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.57 | 310.8 | Lg | 17:28:40.983 | 0.6 | T__ | | --- | | | 6495384 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | |
| ARSA | 0.57 | 218.6 | Pg | 17:28:32.900 | -0.1 | T__ | 84.2 | --- | ML | 1.7 | 6495382 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.57 | 218.6 | Lg | 17:28:40.164 | -0.2 | T__ | | --- | | | 6495381 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | (Reading ML: 1.7 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | |
| A008A | 0.72 | 338.8 | Pg | 17:28:35.917 | 0.1 | T__ | 110.4 | --- | ML | 1.9 | 6495386 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.72 | 338.8 | Lg | 17:28:45.342 | -0.4 | T__ | | --- | | | 6495385 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | |
| MODS | 1.07 | 50.2 | Pg | 17:28:43.032 | -0.2 | T__ | | --- | | | 6495387 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 1.07 | 50.2 | Sn | 17:28:57.262 | -0.2 | T__ | | --- | | | 6495388 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| A001A | 1.10 | 19.3 | Pg | 17:28:43.368 | 0.1 | T__ | 62.4 | --- | ML | 1.9 | 6495389 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | |
| KRUC | 1.39 | 9.6 | Pn | 17:28:47.130 | 0.5 | T__ | 29.9 | --- | ML | 1.7 | 6495390 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.39 | 9.6 | Sn | 17:29:05.458 | 0.7 | T__ | | --- | | | 6495391 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.7 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/23 | 17:36:44.38 | 0.92 | 0.79 | 47.6859 | 16.0273 | 4.3 | 3.4 | 32 | 6.7 | 15.0 | 20 | 12 | 94 | 0.18 | 1.40 | ke | BUD | 17001058 | BUD | | | 181 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.2 | 9 BUD | 17001058 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|---------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.18 | 85.6 | Pg | 17:36:48.370 | -0.1 | | | | | T__ | | 214.6 | | --- | ML | 1.1 | 6495443 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.18 | 85.6 | Lg | 17:36:51.313 | 0.0 | | | | | T__ | | | | --- | | 6495444 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 335.4 | Pg | 17:36:49.711 | -0.3 | | | | | T__ | | 107.5 | | --- | ML | 1.1 | 6495446 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 335.4 | Lg | 17:36:53.660 | -0.2 | | | | | T__ | | | | --- | | 6495445 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.36 | 90.2 | Pg | 17:36:51.052 | -0.7 | | | | | T__ | | 100.3 | | --- | ML | 1.3 | 6495447 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.36 | 90.2 | Lg | 17:36:56.752 | 0.0 | | | | | T__ | | | | --- | | 6495448 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.37 | 41.8 | Lg | 17:36:59.322 | 2.2 | | | | | T__ | | | | --- | | 6495449 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.55 | 218.3 | Pg | 17:36:55.187 | -0.0 | | | | | T__ | | 138.3 | | --- | ML | 1.9 | 6495451 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.55 | 218.3 | Lg | 17:37:02.451 | 0.2 | | | | | T__ | | | | --- | | 6495450 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.56 | 312.3 | Pg | 17:36:55.374 | 0.0 | | | | | T__ | | 287.2 | | --- | ML | 2.3 | 6495452 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.56 | 312.3 | Lg | 17:37:03.234 | 0.5 | | | | | T__ | | | | --- | | 6495453 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
A260A 0.61 131.0 Pg 17:36:56.715 0.1 T__ 182.5 ___ ML 2.1 6495454 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A005B 0.70 9.8 Lg 17:37:07.629 -0.2 T__
A008A 0.73 339.9 Pg 17:36:58.279 -0.1 T__ 182.1 ___ ML 2.2 6495457 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.73 339.9 Lg 17:37:07.816 -0.5 T__ ___ 6495456 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MODS 1.09 50.2 Sn 17:37:19.774 -1.4 T__
A001A 1.11 19.6 Pn 17:37:05.767 -0.1 T__ 59.6 ___ ML 1.9 6495460 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.11 19.6 Sn 17:37:20.332 -1.2 T__ ___ 6495459 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KRUC 1.40 10.0 Pn 17:37:09.455 -0.4 T__ 46.6 ___ ML 1.9 6495461 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.40 10.0 Sn 17:37:28.118 -0.3 T__ ___ 6495462 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/23 18:51:27.75 1.58 0.44 47.6854 16.0432 6.7 4.6 73 10.6 19.8 12 7 92 0.17 1.25 ke BUD 17001060 BUD 138

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 5 BUD 17001060

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.17 85.1 Pg 18:51:31.923 0.0 T__ 36.7 ___ ML 0.3 6495504 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.17 85.1 Lg 18:51:34.717 -0.1 T__ ___ 6495505 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=0
CONA 0.27 333.4 Pg 18:51:33.525 -0.1 T__ 26.4 ___ ML 0.5 6495507 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.27 333.4 Lg 18:51:37.921 0.2 T__ ___ 6495506 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
ARSA 0.56 219.2 Pg 18:51:38.666 -0.1 T__ 40.7 ___ ML 1.4 6495511 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.56 219.2 Lg 18:51:45.967 0.0 T__ ___ 6495510 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A013A 0.57 311.7 Pg 18:51:39.038 0.1 T__ 46.1 ___ ML 1.5 6495508 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.57 311.7 Lg 18:51:46.824 0.3 T__ ___ 6495509 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A008A 0.73 339.1 Pg 18:51:41.683 -0.2 T__ 39.5 ___ ML 1.5 6495512 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.73 339.1 Lg 18:51:51.816 -0.1 T__ ___ 6495513 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
MODS 1.08 49.8 Sn 18:52:03.997 0.3 T__
KOGS 1.25 173.4 Sn 18:52:07.983 1.1 T__ ___ 6495515 FDSN SL -- BUD iLoc BHN ??? _

```


| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/23 | 22:00:33.85 | 0.99 | 0.36 | 47.6926 | 16.0388 | 4.5 | 3.7 | 24 | 9.5 | 12.2 | 20 | 11 | 127 | 0.17 | 1.39 | ke | BUD | 17001062 | BUD | | | 219 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 9 BUD | 17001062 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.17 | 87.6 | Pg | 22:00:37.961 | 0.0 | | | | | T__ | | 75.5 | | ___ | ML | 0.7 | 6495561 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.17 | 87.6 | Lg | 22:00:40.736 | -0.1 | | | | | T__ | | | | --- | | 6495562 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 333.2 | Pg | 22:00:39.618 | 0.1 | | | | | T__ | | 60.2 | | ___ | ML | 0.8 | 6495564 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 333.2 | Lg | 22:00:43.120 | -0.4 | | | | | T__ | | | | --- | | 6495563 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.35 | 91.3 | Pg | 22:00:41.183 | 0.1 | | | | | T__ | | 37.1 | | ___ | ML | 0.8 | 6495565 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.35 | 91.3 | Lg | 22:00:46.100 | 0.0 | | | | | T__ | | | | --- | | 6495566 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.36 | 41.6 | Lg | 22:00:46.584 | 0.2 | | | | | T__ | | | | --- | | 6495567 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.56 | 218.5 | Pg | 22:00:44.889 | -0.0 | | | | | T__ | | 49.6 | | --- | ML | 1.5 | 6495569 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.56 | 218.5 | Lg | 22:00:51.949 | -0.2 | | | | | T__ | | | | --- | | 6495568 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.56 | 311.3 | Pg | 22:00:45.150 | 0.3 | | | | | T__ | | 84.2 | | ___ | ML | 1.7 | 6495570 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.56 | 311.3 | Lg | 22:00:52.992 | 0.7 | | | | | T__ | | | | --- | | 6495571 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.72 | 339.2 | Pg | 22:00:47.758 | -0.1 | | | | | T__ | | 80.7 | | ___ | ML | 1.8 | 6495573 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.72 | 339.2 | Lg | 22:00:57.480 | -0.3 | | | | | T__ | | | | --- | | 6495572 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A006A | 1.05 | 359.3 | Pg | 22:00:53.513 | -0.7 | | | | | T__ | | 47.6 | | ___ | ML | 1.8 | 6495574 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A006A | 1.05 | 359.3 | Lg | 22:01:08.228 | -0.4 | | | | | T__ | | | | --- | | 6495575 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.07 | 50.2 | Pn | 22:00:54.854 | 0.4 | | | | | T__ | | | | --- | | 6495577 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 1.07 | 50.2 | Sn | 22:01:09.494 | -0.4 | | | | | T__ | | | | --- | | 6495576 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A001A | 1.10 | 19.4 | Pg | 22:00:55.599 | 0.2 | | | | | T__ | | 80.6 | | ___ | ML | 2.0 | 6495578 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.39 | 9.7 | Pn | 22:00:58.952 | 0.1 | | | | | T__ | | 35.0 | | ___ | ML | 1.8 | 6495579 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.39 | 9.7 | Sn | 22:01:17.689 | 0.5 | | | | | T__ | | | | --- | | 6495580 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/24 | 01:48:50.41 | 1.25 | 0.20 | 47.7808 | 16.1726 | 7.7 | 3.6 | 31 | 7.7 | 15.1 | 11 | 6 | 140 | 0.12 | 0.69 | ke | BUD | 17001064 | BUD | | | 165 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.7 | 0.1 | 5 BUD | 17001064 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 134.1 | Pg | 01:48:53.389 | 0.0 | | | | | T__ | | 111.9 | | _c_ | ML | 0.7 | 6498242 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 134.1 | Lg | 01:48:55.401 | -0.1 | | | | | T__ | | | | | | 6498243 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 305.3 | Pg | 01:48:55.903 | 0.0 | | | | | T__ | | 31.6 | | ___ | ML | 0.5 | 6498245 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 305.3 | Lg | 01:48:59.554 | -0.1 | | | | | T__ | | | | ___ | | 6498244 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 110.4 | Pg | 01:48:56.201 | -0.0 | | | | | T__ | | 36.2 | | ___ | ML | 0.6 | 6498246 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 110.4 | Lg | 01:49:00.411 | 0.2 | | | | | T__ | | | | ___ | | 6498247 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 299.0 | Pg | 01:49:01.957 | 0.1 | | | | | T__ | | 45.3 | | ___ | ML | 1.5 | 6498249 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 299.0 | Lg | 01:49:09.910 | 0.4 | | | | | T__ | | | | ___ | | 6498248 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.68 | 329.5 | Pg | 01:49:03.447 | -0.1 | | | | | T__ | | 42.6 | | ___ | ML | 1.5 | 6498252 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.68 | 329.5 | Lg | 01:49:12.760 | -0.2 | | | | | T__ | | | | ___ | | 6498251 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.69 | 219.9 | Lg | 01:49:12.387 | -0.2 | | | | | T__ | | | | ___ | | 6498250 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/24 | 08:13:43.85 | 0.86 | 0.66 | 47.6993 | 16.0107 | 4.1 | 3.1 | 40 | 7.3 | 12.0 | 28 | 16 | 91 | 0.19 | 1.66 | ke | BUD | 17001066 | BUD | | | 124 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.3 | 12 BUD | 17001066 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.19 | 89.8 | Pg | 08:13:47.929 | -0.2 | | | | | T__ | | 391.3 | | _c_ | ML | 1.4 | 6498333 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.19 | 89.8 | Lg | 08:13:50.798 | -0.3 | | | | | T__ | | | | ___ | | 6498309 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.25 | 336.4 | Pg | 08:13:49.009 | -0.2 | | | | | T__ | | 252.5 | | ___ | ML | 1.4 | 6498311 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.25 | 336.4 | Lg | 08:13:52.586 | -0.3 | | | | | T__ | | | | ___ | | 6498310 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.37 | 92.3 | Pg | 08:13:51.170 | -0.2 | | | | | T__ | | 165.4 | | _c_ | ML | 1.5 | 6498334 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.37 | 92.3 | Lg | 08:13:56.124 | -0.5 | | | | | T__ | | | | ___ | | 6498312 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.37 | 44.5 | Pg | 08:13:51.370 | 0.0 | | | | | T__ | | 470.6 | | ___ | ML | 2.0 | 6498335 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.37 | 44.5 | Lg | 08:13:58.322 | 1.8 | | | | | T__ | | | | ___ | | 6498313 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.55 | 312.1 | Pg | 08:13:54.126 | -0.4 | | | | | T__ | | 451.8 | | ___ | ML | 2.5 | 6498336 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.55 | 312.1 | Lg | 08:14:02.681 | 1.0 | | | | | T__ | | | | ___ | | 6498316 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.56 | 216.6 | Pg | 08:13:54.709 | -0.0 | | | | | T__ | | 280.6 | | ___ | ML | 2.3 | 6498314 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.56 | 216.6 | Lg | 08:14:02.010 | 0.2 | | | | | T__ | | | | ___ | | 6498315 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A260A 0.63 131.2 Pg 08:13:56.572 0.1 T__ 324.9 ___ ML 2.4 6498317 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.63 131.2 Lg 08:14:05.475 0.6 T__ ___ 6498318 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A008A 0.71 340.4 Pg 08:13:57.764 0.2 T__ 421.2 ___ ML 2.5 6498320 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.71 340.4 Lg 08:14:07.188 -0.1 T__ ___ 6498319 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
A006A 1.04 0.3 Pg 08:14:03.463 -0.6 T__ 137.2 ___ ML 2.2 6498321 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MODS 1.09 51.1 Pn 08:14:04.059 -0.9 T__ ___ 6498322 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.09 51.1 Sn 08:14:19.556 -1.0 T__ ___ 6498323 FDSN SK -- BUD iLoc HHN ??? _
A001A 1.10 20.4 Pg 08:14:05.139 -0.2 T__ 64.6 ___ ML 1.9 6498325 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.10 20.4 Sn 08:14:20.524 -0.2 T__ ___ 6498324 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KRUC 1.39 10.5 Pn 08:14:08.902 -0.2 T__ 53.9 ___ ML 2.0 6498326 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.39 10.5 Sn 08:14:27.602 0.1 T__ ___ 6498327 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
OBKA 1.55 220.5 Sn 08:14:32.259 0.1 T__ ___ 6498328 FDSN OE -- BUD iLoc HHE ??? _
CKRC 1.60 315.2 Sn 08:14:34.121 1.1 T__ ___ 6498329 FDSN CZ -- BUD iLoc HHE ??? _
TREC 1.63 347.9 Lg 08:14:35.462 -1.1 T__ ___ 6498330 FDSN CZ -- BUD iLoc HHN ??? _
VRAC 1.66 13.3 Pn 08:14:12.739 -0.1 T__ 11.5 ___ ML 1.5 6498332 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.66 13.3 Sn 08:14:34.717 0.6 T__ ___ 6498331 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/24 09:30:52.36 0.67 1.10 47.8151 16.2341 2.9 2.5 62 9.0f 74 40 43 0.12 2.45 ke BUD 17001068 BUD 72

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Magnitude Err Nsta Author OrigID
ML 3.2 0.2 38 BUD 17001068

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 160.0 Pg 09:30:54.774 -0.8 T__ 26093.9 _d_ ML 3.1 6498479 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 160.0 Lg 09:30:56.600 -1.2 T__ ___ 6498480 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=1
A004A 0.18 36.5 Pg 09:30:56.600 0.2 T__ 25584.7 ___ ML 3.2 6498486 FDSN Z3 00 BUD iLoc HHZ HHZ _
A004A 0.18 36.5 Lg 09:31:00.455 1.2 T__ ___ 6498485 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
SOP 0.26 121.0 Pg 09:30:57.214 -0.6 T__ 7112.2 ___ ML 2.9 6498483 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.26 121.0 Lg 09:31:00.641 -0.9 T__ ___ 6498484 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
CONA 0.28 294.4 Pg 09:30:57.196 -1.0 T__ 3496.0 ___ ML 2.6 6498482 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.28 294.4 Lg 09:31:01.517 -0.8 T__ ___ 6498481 FDSN OE -- BUD iLoc HHN ??? _

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| | | | | | | | | | | | | | |
|---------------------------|--------------|------|-----|--------|--------|-------------|---------|--------|------|---------|---|--|--|
| (Reading ML: 2.6 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0 | | | | | | | | | | | | | |
| A005B 0.56 358.0 Pg | 09:31:03.603 | 0.3 | T__ | 3795.6 | ___ ML | 3.4 6498495 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A005B 0.56 358.0 Lg | 09:31:11.538 | 0.3 | T__ | | --- | 6498496 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 3.4 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 3.4 magdef=1 | | | | | | | | | | | | | |
| A002B 0.60 23.6 Pg | 09:31:05.168 | 0.9 | T__ | 1977.7 | ___ ML | 3.1 6498499 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A002B 0.60 23.6 Lg | 09:31:15.263 | 2.3 | T__ | | --- | 6498500 | FDSN Z3 | 00 BUD | iLoc | HH2 ??? | _ | | |
| (Reading ML: 3.1 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1 | | | | | | | | | | | | | |
| A013A 0.61 294.4 Pg | 09:31:04.050 | -0.2 | T__ | 5479.6 | ___ ML | 3.6 6498487 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A013A 0.61 294.4 Lg | 09:31:12.432 | 0.2 | T__ | | --- | 6498488 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 3.6 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=0 | | | | | | | | | | | | | |
| A260A 0.62 148.8 Pg | 09:31:04.311 | -0.5 | T__ | 2191.8 | ___ ML | 3.2 6498494 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A260A 0.62 148.8 Lg | 09:31:12.804 | -0.4 | T__ | | --- | 6498493 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 3.2 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=1 | | | | | | | | | | | | | |
| A008A 0.68 325.1 Pg | 09:31:05.019 | -0.4 | T__ | 4279.5 | ___ ML | 3.5 6498498 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A008A 0.68 325.1 Lg | 09:31:14.071 | -0.7 | T__ | | --- | 6498497 | FDSN Z3 | 00 BUD | iLoc | HH2 ??? | _ | | |
| (Reading ML: 3.5 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 3.5 magdef=0 | | | | | | | | | | | | | |
| ARSA 0.74 220.7 Pg | 09:31:05.801 | -1.0 | T__ | 3825.4 | ___ ML | 3.5 6498490 | FDSN OE | -- BUD | iLoc | HHZ HHZ | _ | | |
| ARSA 0.74 220.7 Lg | 09:31:15.859 | -0.4 | T__ | | --- | 6498489 | FDSN OE | -- BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 3.5 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 3.5 magdef=0 | | | | | | | | | | | | | |
| A018A 0.78 265.2 Pg | 09:31:07.216 | -0.4 | T__ | 1060.3 | ___ ML | 3.0 6498491 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A018A 0.78 265.2 Lg | 09:31:18.578 | 1.0 | T__ | | --- | 6498492 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 3.0 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1 | | | | | | | | | | | | | |
| EGYH 0.84 117.8 Pg | 09:31:08.818 | -0.3 | T__ | 3812.5 | ___ ML | 3.5 6498503 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ | | |
| EGYH 0.84 117.8 Lg | 09:31:22.043 | 0.9 | T__ | | --- | 6498504 | FDSN HU | -- BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 3.5 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 3.5 magdef=0 | | | | | | | | | | | | | |
| MODS 0.90 51.0 Pg | 09:31:08.446 | -1.9 | T__ | | --- | 6498510 | FDSN SK | -- BUD | iLoc | HHZ ??? | _ | | |
| MODS 0.90 51.0 Lg | 09:31:21.521 | -2.2 | T__ | | --- | 6498509 | FDSN SK | -- BUD | iLoc | HHN ??? | _ | | |
| A006A 0.94 351.3 Pg | 09:31:09.526 | -1.0 | T__ | 1895.7 | ___ ML | 3.3 6498506 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A006A 0.94 351.3 Lg | 09:31:22.005 | -2.2 | T__ | | --- | 6498505 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 3.3 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=1 | | | | | | | | | | | | | |
| A001A 0.94 14.5 Pg | 09:31:10.271 | -0.6 | T__ | 634.3 | ___ ML | 2.8 6498511 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A001A 0.94 14.5 Lg | 09:31:24.613 | -0.2 | T__ | | --- | 6498512 | FDSN Z3 | 00 BUD | iLoc | HH2 ??? | _ | | |
| (Reading ML: 2.8 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0 | | | | | | | | | | | | | |
| A339A 0.96 88.6 Pn | 09:31:10.942 | -0.2 | T__ | 1274.7 | ___ ML | 3.1 6498513 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A339A 0.96 88.6 Lg | 09:31:27.221 | 1.4 | T__ | | --- | 6498514 | FDSN Z3 | 00 BUD | iLoc | HHN ??? | _ | | |
| (Reading ML: 3.1 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1 | | | | | | | | | | | | | |
| A262A 0.97 168.0 Pg | 09:31:12.059 | 0.7 | T__ | 1750.3 | ___ ML | 3.3 6498502 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A262A 0.97 168.0 Sn | 09:31:26.103 | 1.0 | T__ | | --- | 6498501 | FDSN Z3 | 00 BUD | iLoc | HHE ??? | _ | | |
| (Reading ML: 3.3 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=1 | | | | | | | | | | | | | |
| A261A 1.06 143.9 Pg | 09:31:13.773 | 0.6 | T__ | 2074.6 | ___ ML | 3.4 6498507 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| A261A | 1.06 | 143.9 | Sn | 09:31:26.885 | -0.4 | T__ | --- | 6498508 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.10 | 125.6 | Pn | 09:31:12.953 | -0.0 | T__ | 1157.8 | --- | ML | 3.2 | 6498516 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.10 | 125.6 | Sn | 09:31:28.338 | -0.0 | T__ | --- | --- | --- | 6498515 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A337A | 1.13 | 67.1 | Pn | 09:31:13.586 | 0.0 | T__ | 1354.3 | --- | ML | 3.3 | 6498520 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A337A | 1.13 | 67.1 | Sn | 09:31:30.275 | 0.8 | T__ | --- | --- | --- | 6498519 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU08A | 1.21 | 107.9 | Pn | 09:31:15.673 | 1.2 | T__ | 954.2 | --- | ML | 3.2 | 6498521 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 1.21 | 107.9 | Sn | 09:31:31.989 | 0.8 | T__ | --- | --- | --- | 6498522 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.25 | 4.9 | Pn | 09:31:14.890 | -0.5 | T__ | 1050.7 | _d_ | ML | 3.2 | 6498525 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.25 | 4.9 | Sn | 09:31:31.616 | -0.8 | T__ | --- | --- | --- | 6498526 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOGS | 1.37 | 179.5 | Pn | 09:31:17.163 | 0.2 | T__ | 819.5 | --- | ML | 3.2 | 6498517 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 1.37 | 179.5 | Sn | 09:31:35.118 | 0.4 | T__ | --- | --- | --- | 6498518 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.40 | 164.4 | Pn | 09:31:17.982 | 0.8 | T__ | 912.7 | --- | ML | 3.2 | 6498524 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 1.40 | 164.4 | Lg | 09:31:37.055 | -0.3 | T__ | --- | --- | --- | 6498523 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.42 | 42.0 | Pn | 09:31:19.360 | 1.4 | T__ | 405.2 | --- | ML | 2.9 | 6498535 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.42 | 42.0 | Lg | 09:31:40.221 | -0.1 | T__ | --- | --- | --- | 6498536 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A338A | 1.44 | 81.2 | Pg | 09:31:20.031 | -0.5 | T__ | 1267.8 | --- | ML | 3.4 | 6498534 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CSKK | 1.44 | 107.5 | Pn | 09:31:19.211 | 1.5 | T__ | 454.6 | --- | ML | 3.0 | 6498530 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 1.44 | 107.5 | Sn | 09:31:39.700 | 2.5 | T__ | --- | --- | --- | 6498529 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU09A | 1.46 | 96.1 | Sn | 09:31:40.445 | 2.8 | T__ | --- | --- | --- | 6498533 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VRAC | 1.51 | 8.9 | Pn | 09:31:18.615 | -0.5 | T__ | 175.6 | --- | ML | 2.6 | 6498539 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 1.51 | 8.9 | Sn | 09:31:38.769 | -0.1 | T__ | --- | --- | --- | 6498540 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| TREC | 1.56 | 341.8 | Pn | 09:31:19.882 | 0.0 | T__ | 1600.8 | --- | ML | 3.6 | 6498538 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| TREC | 1.56 | 341.8 | Sn | 09:31:41.190 | 1.4 | T__ | --- | --- | --- | 6498537 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.63 | 308.8 | Pn | 09:31:21.670 | 0.9 | T__ | 1922.3 | --- | ML | 3.7 | 6498531 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.63 | 308.8 | Sn | 09:31:42.531 | 0.5 | T__ | --- | --- | --- | 6498532 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.74 | 222.0 | Pg | 09:31:23.980 | -0.5 | T__ | 512.1 | --- | ML | 3.2 | 6498527 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.74 | 222.0 | Lg | 09:31:48.491 | 0.5 | T__ | --- | --- | --- | 6498528 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |

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(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
VYHS 1.87 67.7 Pn 09:31:23.138 -0.7 T__ 68.7 ___ ML 2.4 6498550 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
PTJ 1.92 185.6 Pn 09:31:26.066 1.1 T__ 187.8 ___ ML 2.8 6498541 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 1.92 185.6 Lg 09:31:55.994 1.8 T__ ___ 6498551 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
CRES 2.06 195.3 Pn 09:31:26.811 -0.1 T__ 93.9 ___ ML 2.6 6498542 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 2.06 195.3 Lg 09:32:00.240 1.7 T__ ___ 6498552 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
MORC 2.15 23.3 Pn 09:31:28.055 0.0 T__ 196.1 ___ ML 3.0 6498543 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 2.15 23.3 Sn 09:31:54.280 -0.8 T__ ___ 6498544 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
KOVH 2.15 142.8 Pn 09:31:27.682 0.4 T__ 170.5 ___ ML 2.9 6498545 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
MORH 2.30 133.3 Pn 09:31:29.322 0.1 T__ 67.9 ___ ML 2.6 6498546 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
PRU 2.44 333.5 Pn 09:31:33.643 1.5 T__ 371.2 ___ ML 3.4 6498547 FDSN CZ -- BUD iLoc HHZ HHZ _
PRU 2.44 333.5 Sn 09:32:04.040 3.4 T__ ___ 6498548 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=0
ET1H 2.45 87.2 Pn 09:31:32.525 0.8 T__ 54.0 ___ ML 2.6 6498549 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/24 21:28:12.34 1.09 0.26 47.3512 18.1461 7.0 3.8 50 3.0f 8 4 199 0.03 0.09 ke BUD 17001070 BUD 283

```

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Magnitude Err Nsta Author OrigID
ML 0.2 0.1 4 BUD 17001070

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW3 0.03 337.0 Pg 21:28:13.659 0.2 T__ 107.9 _c_ ML 0.4 6500996 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.03 337.0 Lg 21:28:14.303 -0.3 T__ ___ 6500995 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
MSW2 0.07 137.9 Pg 21:28:14.227 0.1 T__ 52.5 ___ ML 0.2 6500997 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.07 137.9 Lg 21:28:15.343 -0.4 T__ ___ 6500998 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1
CSKK 0.08 81.3 Pg 21:28:14.473 0.2 T__ 40.8 ___ ML 0.1 6501000 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.08 81.3 Lg 21:28:16.214 0.0 T__ ___ 6500999 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.1 magdef=1
(Station ML: 0.1 magdef=1
MSW1 0.09 61.4 Pg 21:28:14.511 0.0 T__ 40.5 ___ ML 0.2 6501001 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.09 61.4 Lg 21:28:16.403 -0.0 T__ ___ 6501002 FDSN HU -- BUD iLoc HHN ??? _

```

(Reading ML: 0.2 magdef=1
 (Station ML: 0.2 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/25 | 04:12:24.57 | 0.98 | 0.46 | 47.7000 | 16.0486 | 4.4 | 3.3 | 22 | 6.8 | 15.8 | 19 | 11 | 111 | 0.17 | 1.38 | ke | BUD | 17001072 | BUD | | | 202 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 8 BUD | 17001072 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.17 | 90.0 | Pg | 04:12:28.668 | 0.3 | | | | | T__ | | 47.7 | | _c_ | ML | 0.4 | 6501044 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.17 | 90.0 | Lg | 04:12:30.778 | -0.2 | | | | | T__ | | | | --- | | 6501052 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 331.2 | Pg | 04:12:30.233 | 0.1 | | | | | T__ | | 37.1 | | --- | ML | 0.6 | 6501045 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 331.2 | Lg | 04:12:33.330 | -0.6 | | | | | T__ | | | | --- | | 6501053 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.34 | 92.6 | Pg | 04:12:32.021 | 0.4 | | | | | T__ | | 36.7 | | --- | ML | 0.8 | 6501046 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.34 | 92.6 | Lg | 04:12:36.171 | -0.3 | | | | | T__ | | | | --- | | 6501054 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.57 | 310.3 | Pg | 04:12:35.709 | 0.2 | | | | | T__ | | 86.4 | | --- | ML | 1.8 | 6501049 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.57 | 310.3 | Lg | 04:12:43.481 | 0.5 | | | | | T__ | | | | --- | | 6501055 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.57 | 218.6 | Pg | 04:12:35.560 | -0.2 | | | | | T__ | | 51.5 | | --- | ML | 1.5 | 6501048 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.57 | 218.6 | Lg | 04:12:42.787 | -0.3 | | | | | T__ | | | | --- | | 6501047 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.68 | 8.8 | Lg | 04:12:47.709 | 0.3 | | | | | T__ | | | | --- | | 6501056 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| A008A | 0.72 | 338.5 | Pg | 04:12:38.540 | 0.1 | | | | | T__ | | 68.1 | | --- | ML | 1.7 | 6501051 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.72 | 338.5 | Lg | 04:12:48.263 | -0.0 | | | | | T__ | | | | --- | | 6501050 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.91 | 107.6 | Pg | 04:12:43.239 | 0.5 | | | | | T__ | | 90.4 | | --- | ML | 2.0 | 6501057 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.07 | 50.3 | Pg | 04:12:45.735 | -0.1 | | | | | T__ | | | | --- | | 6501059 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 1.07 | 50.3 | Lg | 04:13:00.375 | -1.3 | | | | | T__ | | | | --- | | 6501058 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| A337A | 1.29 | 64.4 | Sn | 04:13:06.298 | 0.2 | | | | | T__ | | | | --- | | 6501060 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.38 | 9.5 | Pn | 04:12:49.870 | 0.1 | | | | | T__ | | 47.0 | | --- | ML | 1.9 | 6501062 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.38 | 9.5 | Sn | 04:13:08.347 | 0.2 | | | | | T__ | | | | --- | | 6501061 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/25 | 22:26:11.11 | 0.86 | 1.19 | 48.3097 | 21.3854 | 5.8 | 3.5 | 22 | 3.6 | 0.2 | 35 | 21 | 75 | 0.10 | 2.01 | ke | BUD | 17001074 | BUD | | | 135 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| ML | 2.2 | 0.3 | 13 | BUD | 17001074 | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|----------|------|-------|------|------|-----|-----|--------|-----|--------|-----------|---------|------|--------|----|------|------|-----|-----|---|--|--|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
| ABAH | 0.10 | 262.1 | Pg | 22:26:14.216 | 0.8 | | | | | T__ | | 1029.2 | | _d_ ML | 1.6 | 6501834 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| ABAH | 0.10 | 262.1 | Lg | 22:26:16.376 | 1.0 | | | | | T__ | | | | --- | | 6501835 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 0.48 | 132.7 | Pg | 22:26:20.995 | 0.3 | | | | | T__ | | 698.9 | | ___ ML | 2.5 | 6501842 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| HU07A | 0.48 | 132.7 | Lg | 22:26:28.017 | -1.0 | | | | | T__ | | | | --- | | 6501843 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.59 | 288.6 | Pg | 22:26:22.970 | 0.1 | | | | | T__ | | 172.3 | | ___ ML | 2.1 | 6501837 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| JOS | 0.59 | 288.6 | Lg | 22:26:31.128 | -0.7 | | | | | T__ | | | | --- | | 6501836 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.61 | 252.3 | Pg | 22:26:23.081 | -0.6 | | | | | T__ | | 75.5 | | _d_ ML | 1.7 | 6501841 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| HU02A | 0.61 | 252.3 | Lg | 22:26:32.543 | -0.5 | | | | | T__ | | | | --- | | 6501840 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.62 | 286.5 | Pg | 22:26:23.640 | 0.1 | | | | | T__ | | 323.6 | | ___ ML | 2.4 | 6501838 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | | |
| KECS | 0.62 | 286.5 | Lg | 22:26:32.134 | -0.7 | | | | | T__ | | | | --- | | 6501839 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.78 | 192.5 | Pg | 22:26:26.602 | -0.5 | | | | | T__ | | 167.0 | | ___ ML | 2.2 | 6501845 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| HU05A | 0.78 | 192.5 | Lg | 22:26:39.007 | 0.2 | | | | | T__ | | | | --- | | 6501844 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.79 | 102.7 | Pg | 22:26:26.378 | 0.0 | | | | | T__ | | 282.5 | | ___ ML | 2.4 | 6501852 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| TRPA | 0.79 | 102.7 | Lg | 22:26:36.622 | -2.4 | | | | | T__ | | | | --- | | 6501853 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.86 | 43.0 | Pn | 22:26:28.353 | -0.5 | | | | | T__ | | | | --- | | 6501846 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| KOLS | 0.86 | 43.0 | Lg | 22:26:40.348 | -0.6 | | | | | T__ | | | | --- | | 6501847 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| LTVH | 0.99 | 159.3 | Pn | 22:26:30.625 | 0.3 | | | | | T__ | | 333.4 | | ___ ML | 2.6 | 6501855 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| LTVH | 0.99 | 159.3 | Lg | 22:26:45.041 | -0.3 | | | | | T__ | | | | --- | | 6501856 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 1.02 | 229.1 | Pn | 22:26:31.854 | 1.1 | | | | | T__ | | 181.2 | | ___ ML | 2.3 | 6501850 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| HU23A | 1.02 | 229.1 | Sn | 22:26:47.500 | 1.3 | | | | | T__ | | | | --- | | 6501849 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.07 | 249.2 | Pn | 22:26:31.929 | 0.1 | | | | | T__ | | 42.7 | | ___ ML | 1.7 | 6501848 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| PSZ | 1.07 | 249.2 | Sn | 22:26:47.617 | -0.7 | | | | | T__ | | | | --- | | 6501857 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.10 | 247.6 | Pn | 22:26:32.301 | 0.2 | | | | | T__ | | 25.4 | | ___ ML | 1.5 | 6501851 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| ET1H | 1.10 | 247.6 | Sn | 22:26:48.548 | 0.0 | | | | | T__ | | | | --- | | 6501858 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BSZH | 1.26 | 217.1 | Pg | 22:26:36.851 | 0.2 | | | | | T__ | | 120.3 | | ___ ML | 2.3 | 6501859 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| BSZH | 1.26 | 217.1 | Lg | 22:26:54.732 | 0.4 | | | | | T__ | | | | --- | | 6501860 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| NIE | 1.32 | 327.5 | Pg | 22:26:36.138 | 0.1 | T__ | | | | 23.7 | --- | ML | 1.6 | 6501854 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.32 | 327.5 | Sn | 22:26:54.769 | 0.1 | T__ | | | | | --- | | | 6501861 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HU24A | 1.41 | 186.3 | Lg | 22:26:59.277 | 0.5 | T__ | | | | | --- | | | 6501862 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| HU01A | 1.53 | 231.6 | Lg | 22:27:03.188 | -0.2 | T__ | | | | | --- | | | 6501864 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| BMR | 1.55 | 113.4 | Sn | 22:26:59.761 | -0.4 | T__ | | | | | --- | | | 6501863 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ |
| HU10A | 1.65 | 254.6 | Sn | 22:27:04.231 | 2.5 | T__ | | | | | --- | | | 6501865 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| VYHS | 1.71 | 277.1 | Sn | 22:27:05.237 | 1.5 | T__ | | | | | --- | | | 6501866 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ |
| DRGR | 1.76 | 148.9 | Sn | 22:27:06.876 | 1.8 | T__ | | | | | --- | | | 6501867 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ |
| AMBH | 2.01 | 193.1 | Sn | 22:27:13.880 | 4.1 | T__ | | | | | --- | | | 6501868 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/04/26 | 07:43:05.01 | 0.92 | 0.80 | 47.1101 | 17.8854 | 4.5 | 3.6 | 125 | 0.0f | | 12 | 9 | 105 | 0.21 | 1.04 | sx | BUD | 17001076 | BUD | | | 186 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.3 | 0.3 | 4 BUD | 17001076 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| TIH | 0.21 | 178.6 | Pg | 07:43:10.147 | 0.4 | | | | | T__ | | 624.3 | | --- | ML | 1.7 | 6503260 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.24 | 284.4 | Pg | 07:43:10.892 | 0.4 | | | | | T__ | | 110.2 | | --- | ML | 1.0 | 6503259 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.24 | 284.4 | Lg | 07:43:14.468 | -0.4 | | | | | T__ | | | | --- | | 6503258 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.29 | 49.0 | Pg | 07:43:11.781 | 0.4 | | | | | T__ | | 131.0 | | --- | ML | 1.2 | 6503263 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.29 | 49.0 | Lg | 07:43:16.105 | -0.8 | | | | | T__ | | | | --- | | 6503264 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.32 | 30.9 | Lg | 07:43:16.924 | -0.8 | | | | | T__ | | | | --- | | 6503265 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| HU08A | 0.32 | 4.6 | Lg | 07:43:17.076 | -0.7 | | | | | T__ | | | | --- | | 6503256 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ | |
| CSKK | 0.36 | 45.1 | Lg | 07:43:18.491 | -0.8 | | | | | T__ | | | | --- | | 6503257 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| MSW1 | 0.38 | 41.8 | Pg | 07:43:14.239 | 1.1 | | | | | T__ | | 101.4 | | --- | ML | 1.4 | 6503267 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.38 | 41.8 | Lg | 07:43:19.108 | -0.9 | | | | | T__ | | | | --- | | 6503266 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.03 | 171.7 | Lg | 07:43:40.321 | -0.5 | | | | | T__ | | | | --- | | 6503262 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| MORH | 1.04 | 149.5 | Lg | 07:43:40.321 | -0.5 | | | | | T__ | | | | --- | | 6503261 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/04/26 | 07:59:23.92 | 0.89 | 0.63 | 47.1173 | 17.8733 | 4.0 | 3.6 | 117 | 0.0f | | 14 | 10 | 106 | 0.22 | 1.05 | sx | BUD | 17001078 | BUD | | | 132 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.4 | 0.1 | 5 BUD | 17001078 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| TIH | 0.22 | 176.4 | Pg | 07:59:29.072 | 0.3 | | | | | T__ | | 1104.9 | | --- | ML | 1.9 | 6503323 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

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MPLH 0.23 283.2 Pg 07:59:29.519 0.3 T__ 172.3 ___ ML 1.2 6503324 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.23 283.2 Lg 07:59:33.915 0.4 T__ ___ 6503325 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
MSW2 0.30 51.1 Pg 07:59:31.253 0.9 T__ 124.4 ___ ML 1.2 6503333 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.30 51.1 Lg 07:59:35.720 -0.2 T__ ___ 6503334 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU08A 0.32 6.2 Pg 07:59:30.860 0.1 T__ 186.1 ___ ML 1.4 6503327 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.32 6.2 Lg 07:59:35.927 -0.6 T__ ___ 6503326 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW3 0.32 32.8 Lg 07:59:35.766 -0.8 T__ ___ 6503335 FDSN HU -- BUD iLoc HHE ??? _
CSKK 0.36 46.9 Lg 07:59:37.938 -0.3 T__ ___ 6503328 FDSN HU -- BUD iLoc HHZ ??? _
MSW1 0.38 43.5 Lg 07:59:38.136 -0.8 T__ ___ 6503336 FDSN HU -- BUD iLoc HHE ??? _
EGYH 0.48 309.3 Lg 07:59:41.067 -0.4 T__ ___ 6503329 FDSN HU -- BUD iLoc HHN ??? _
KOVH 1.04 171.3 Lg 07:59:59.172 -0.9 T__ ___ 6503330 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.05 149.3 Pn 07:59:44.122 -0.4 T__ 19.2 ___ ML 1.4 6503332 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.05 149.3 Lg 07:59:59.395 -0.7 T__ ___ 6503331 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/26 08:06:14.90 0.93 0.90 47.1190 18.0050 5.5 3.3 105 0.0f 12 10 80 0.23 1.03 sx BUD 17001080 BUD 150

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17001080

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MSW2 0.23 37.4 Lg 08:06:24.148 -0.5 T__ ___ 6503392 FDSN HU -- BUD iLoc HHN ??? _
TIH 0.23 199.3 Pg 08:06:20.382 0.3 T__ 683.2 ___ ML 1.8 6503384 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MSW3 0.28 17.3 Pg 08:06:22.090 1.1 T__ 209.7 ___ ML 1.4 6503393 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.28 17.3 Lg 08:06:25.256 -0.9 T__ ___ 6503394 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
CSKK 0.30 35.4 Pg 08:06:21.649 0.2 T__ 148.9 ___ ML 1.3 6503387 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.30 35.4 Lg 08:06:27.013 -0.1 T__ ___ 6503386 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU08A 0.32 350.0 Lg 08:06:25.851 -1.7 T__ ___ 6503388 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.32 279.3 Lg 08:06:27.311 -0.1 T__ ___ 6503385 FDSN HU -- BUD iLoc HHN ??? _
MSW1 0.32 32.2 Lg 08:06:26.919 -1.0 T__ ___ 6503395 FDSN HU -- BUD iLoc HHN ??? _
A267A 0.37 117.7 Lg 08:06:29.054 -0.1 T__ ___ 6503391 FDSN Z3 00 BUD iLoc HHE ??? _
MORH 1.01 153.8 Lg 08:06:49.021 -0.7 T__ ___ 6503389 FDSN HU -- BUD iLoc HHE ??? _
KOVH 1.03 176.3 Lg 08:06:50.139 -0.7 T__ ___ 6503390 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/26 10:28:47.61 1.77 0.75 47.8772 20.1350 16.4 3.6 160 0.0f 10 6 223 0.17 1.07 kx BUD 17001082 BUD 247

```

2021/04/26 10:28:47.35 0.92 0.74 47.8650 20.1529f 0.0f 10 6 230 0.18 1.08 kx BUD_GT 17001083 BUD_GT 252
 (locality : Kiszána Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.4 0.1 4 BUD_GT 17001083

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 10:28:52.178 | 0.4 | | | | | T__ | | 525.2 | | --- | ML | 1.5 6504995 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 10:28:54.674 | -0.8 | | | | | T__ | | | | --- | | 6504996 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 10:28:52.216 | 0.4 | | | | | T__ | | 416.8 | | --- | ML | 1.4 6504998 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 10:28:55.009 | -0.3 | | | | | T__ | | | | --- | | 6504997 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 10:28:55.717 | 0.5 | | | | | T__ | | 96.2 | | --- | ML | 1.3 6505003 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.0 | Lg | 10:29:00.299 | -1.0 | | | | | T__ | | | | --- | | 6504999 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.37 | 276.2 | Lg | 10:29:00.374 | -1.1 | | | | | T__ | | | | --- | | 6505000 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| JOS | 0.68 | 22.1 | Pg | 10:29:01.789 | 0.8 | | | | | T__ | | 26.9 | | --- | ML | 1.3 6505002 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 22.1 | Lg | 10:29:11.847 | 0.4 | | | | | T__ | | | | --- | | 6505001 | FDSN | ZJ | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.08 | 306.0 | Lg | 10:29:24.177 | -0.8 | | | | | T__ | | | | --- | | 6505004 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/04/27 08:10:41.23 1.24 1.04 47.3897 18.3649 8.0 4.2 122 0.0f 17 11 108 0.07 1.31 sx BUD 17001084 BUD 154

Magnitude Err Nsta Author OrigID
 ML 1.7 0.2 6 BUD 17001084

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| MSW1 | 0.07 | 272.6 | Pg | 08:10:43.763 | 0.4 | | | | | T__ | | 2036.9 | | --- | ML | 1.8 6506103 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.07 | 272.6 | Lg | 08:10:44.681 | -0.8 | | | | | T__ | | | | --- | | 6506104 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.08 | 249.5 | Pg | 08:10:43.763 | 0.4 | | | | | T__ | | 3788.8 | | --- | ML | 2.1 6506092 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.08 | 249.5 | Lg | 08:10:44.955 | -0.7 | | | | | T__ | | | | --- | | 6506093 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.14 | 230.2 | Pg | 08:10:45.232 | 0.7 | | | | | T__ | | 395.3 | | --- | ML | 1.3 6506106 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.14 | 230.2 | Lg | 08:10:46.538 | -1.1 | | | | | T__ | | | | --- | | 6506105 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.16 | 267.8 | Pg | 08:10:46.171 | 1.1 | | | | | T__ | | 600.9 | | --- | ML | 1.5 6506107 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.16 | 267.8 | Lg | 08:10:47.845 | -0.6 | | | | | T__ | | | | --- | | 6506108 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.25 | 2.7 | Lg | 08:10:50.766 | -0.7 | | | | | T__ | | | | --- | | 6506094 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| HU08A | 0.30 | 278.1 | Lg | 08:10:52.778 | -0.5 | | | | | T__ | | | | --- | | 6506095 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| VYHS | 1.15 | 15.8 | Pn | 08:11:04.326 | 0.6 | T__ | 12.0 | ___ | ML | 1.2 | 6506099 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.15 | 15.8 | Lg | 08:11:20.418 | -0.9 | T__ | | --- | | | 6506100 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.16 | 62.3 | Pn | 08:11:03.879 | 0.0 | T__ | 43.4 | ___ | ML | 1.8 | 6506097 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.16 | 62.3 | Sn | 08:11:20.344 | -1.5 | T__ | | --- | | | 6506096 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MORH | 1.19 | 170.7 | Sn | 08:11:19.599 | -2.1 | T__ | | --- | | | 6506098 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MODS | 1.23 | 323.8 | Sn | 08:11:22.206 | -1.2 | T__ | | --- | | | 6506101 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| KOVH | 1.31 | 188.1 | Sn | 08:11:24.591 | -0.2 | T__ | | --- | | | 6506102 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|----------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/04/27 | 08:35:52.74 | 1.01 | 0.63 | 46.1776 | 18.2817 | 9.5 | 3.7 | 153 | 0.0f | | 5 | 3 | 153 | 0.15 | 0.35 | kx | BUD | 17001086 | BUD | | | 276 |
| 2021/04/27 | 08:35:52.75 | 1.01 | 0.41 | 46.1765 | 18.2926f | | | | 0.0f | | 5 | 3 | 155 | 0.16 | 0.35 | kx | BUD_GT | 17001087 | BUD_GT | | | 275 |
| (locality : Komló Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 08:35:56.625 | 0.0 | | | | | T__ | | 548.8 | | ___ | ML | 1.5 | 6506135 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 08:35:59.382 | -0.3 | | | | | T__ | | | | --- | | 6506136 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 08:35:58.711 | 0.5 | | | | | T__ | | 233.8 | | ___ | ML | 1.4 | 6506139 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 08:36:02.139 | -0.5 | | | | | T__ | | | | --- | | 6506138 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Lg | 08:36:05.864 | -0.3 | | | | | T__ | | | | --- | | 6506137 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/27 | 10:14:33.02 | 0.96 | 0.65 | 48.4559 | 19.5403 | 5.3 | 3.6 | 8 | 0.0f | | 12 | 7 | 171 | 0.47 | 0.74 | sx | BUD | 17001088 | BUD | | | 270 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 6 BUD | 17001088 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.47 | 274.9 | Pg | 10:14:42.766 | 0.1 | | | | | T__ | | 12.0 | | ___ | ML | 0.7 | 6506363 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.47 | 274.9 | Lg | 10:14:49.546 | -0.2 | | | | | T__ | | | | --- | | 6506364 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.55 | 175.9 | Pg | 10:14:45.768 | 1.1 | | | | | T__ | | 72.6 | | ___ | ML | 1.7 | 6506374 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.55 | 175.9 | Lg | 10:14:52.675 | -0.4 | | | | | T__ | | | | --- | | 6506367 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.59 | 156.1 | Pg | 10:14:45.672 | 0.0 | | | | | T__ | | 43.1 | | ___ | ML | 1.5 | 6506370 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.59 | 156.1 | Lg | 10:14:53.942 | -0.9 | | | | | T__ | | | | --- | | 6506371 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|--|--|--|------|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| ET1H | 0.62 | 158.9 | Lg | 10:14:54.687 | -0.7 | T__ | | | | | | | | 6506372 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| KECS | 0.63 | 87.2 | Pg | 10:14:46.491 | 0.8 | T__ | | | | | | | 89.2 | --- | ML | 1.8 | 6506366 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.63 | 87.2 | Lg | 10:14:54.836 | -0.3 | T__ | | | | | | | | --- | | 6506365 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.67 | 86.2 | Pg | 10:14:46.417 | 0.1 | T__ | | | | | | | 28.6 | --- | ML | 1.3 | 6506369 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.67 | 86.2 | Lg | 10:14:55.953 | -0.4 | T__ | | | | | | | | --- | | 6506368 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.74 | 116.6 | Pg | 10:14:48.279 | -0.0 | T__ | | | | | | | 59.9 | --- | ML | 1.7 | 6506373 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/04/27 | 11:30:05.36 | 1.15 | 0.91 | 45.5583 | 16.0637 | 8.3 | 4.7 | 33 | 0.0f | | 29 | 17 | 167 | 0.27 | 2.15 | ke | BUD | 17001090 | BUD | | | 229 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 2.8 | 0.3 | 16 BUD | 17001090 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| ZAG | 0.27 | 348.7 | Pg | 11:30:11.525 | 0.4 | | | | | T__ | | 13071.1 | | _c_ | ML | 3.2 | 6506441 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.27 | 348.7 | Lg | 11:30:15.735 | 0.5 | | | | | T__ | | | | --- | | 6506440 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.36 | 349.2 | Pg | 11:30:12.456 | -0.5 | | | | | T__ | | 1577.9 | | _c_ | ML | 2.5 | 6506438 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.36 | 349.2 | Lg | 11:30:16.964 | -1.7 | | | | | T__ | | | | --- | | 6506439 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.50 | 302.4 | Pg | 11:30:15.958 | 0.8 | | | | | T__ | | 417.2 | | --- | ML | 2.3 | 6506442 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.50 | 302.4 | Lg | 11:30:22.142 | -0.4 | | | | | T__ | | | | --- | | 6506443 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.90 | 8.2 | Pg | 11:30:23.185 | -0.1 | | | | | T__ | | 1366.5 | | --- | ML | 3.1 | 6506445 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.90 | 8.2 | Lg | 11:30:36.447 | 1.2 | | | | | T__ | | | | --- | | 6506444 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.04 | 28.3 | Pg | 11:30:25.569 | -0.3 | | | | | T__ | | 1698.9 | | --- | ML | 3.3 | 6506446 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 1.04 | 28.3 | Lg | 11:30:40.212 | -0.3 | | | | | T__ | | | | --- | | 6506449 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 1.05 | 54.5 | Pg | 11:30:26.091 | 0.1 | | | | | T__ | | 1014.9 | | --- | ML | 3.1 | 6506447 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 1.05 | 54.5 | Lg | 11:30:40.622 | -0.0 | | | | | T__ | | | | --- | | 6506448 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLY | 1.13 | 135.2 | Pg | 11:30:27.136 | -0.0 | | | | | T__ | | 561.5 | | --- | ML | 2.9 | 6506450 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 1.28 | 73.1 | Pg | 11:30:30.228 | 0.1 | | | | | T__ | | 702.7 | | --- | ML | 3.1 | 6506451 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 1.28 | 73.1 | Lg | 11:30:47.252 | -0.2 | | | | | T__ | | | | --- | | 6506452 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 1.39 | 38.4 | Pn | 11:30:30.526 | -0.8 | | | | | T__ | | 498.4 | | --- | ML | 3.0 | 6506454 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |

A263A 1.39 38.4 Sn 11:30:50.456 0.2 T__ --- 6506453 FDSN Z3 00 BUD iLoc HHE ??? _
 (Reading ML: 3.0 magdef=1
 (Station ML: 3.0 magdef=1
 OBKA 1.42 312.6 Pg 11:30:32.240 0.2 T__ 330.6 --- ML 2.8 6506455 FDSN OE -- BUD iLoc HHZ HHZ _
 OBKA 1.42 312.6 Lg 11:30:51.797 0.6 T__ --- 6506456 FDSN OE -- BUD iLoc HHE ??? _
 (Reading ML: 2.8 magdef=1
 (Station ML: 2.8 magdef=1
 A265A 1.49 53.7 Pn 11:30:32.091 -0.5 T__ 612.3 --- ML 3.1 6506458 FDSN Z3 00 BUD iLoc HHZ HHZ _
 A265A 1.49 53.7 Sn 11:30:53.585 1.0 T__ --- 6506457 FDSN Z3 00 BUD iLoc HHE ??? _
 (Reading ML: 3.1 magdef=1
 (Station ML: 3.1 magdef=1
 KOVH 1.52 68.9 Pn 11:30:32.501 -0.6 T__ 191.5 --- ML 2.6 6506459 FDSN HU -- BUD iLoc HHZ HHZ _
 (Reading ML: 2.6 magdef=1
 (Station ML: 2.6 magdef=1
 ARSA 1.73 347.7 Pn 11:30:36.412 -0.1 T__ 121.5 --- ML 2.5 6506460 FDSN OE -- BUD iLoc HHZ HHZ _
 ARSA 1.73 347.7 Sn 11:31:00.067 1.1 T__ --- 6506461 FDSN OE -- BUD iLoc HHE ??? _
 (Reading ML: 2.5 magdef=1
 (Station ML: 2.5 magdef=1
 TIH 1.85 42.8 Sn 11:31:03.867 2.4 T__ --- 6506462 FDSN HU -- BUD iLoc HHE ??? _
 MPLH 1.91 31.8 Pg 11:30:42.484 0.9 T__ 112.8 --- ML 2.6 6506465 FDSN HU -- BUD iLoc HHZ HHZ _
 (Reading ML: 2.6 magdef=1
 (Station ML: 2.6 magdef=1
 MORH 1.92 69.1 Pg 11:30:42.186 0.4 T__ 150.9 --- ML 2.7 6506464 FDSN HU -- BUD iLoc HHZ HHZ _
 MORH 1.92 69.1 Sn 11:31:05.431 2.2 T__ --- 6506463 FDSN HU -- BUD iLoc HHE ??? _
 (Reading ML: 2.7 magdef=1
 (Station ML: 2.7 magdef=1
 RONA 2.15 4.2 Pn 11:30:42.261 0.1 T__ 63.3 --- ML 2.5 6506466 FDSN OE -- BUD iLoc HHZ HHZ _
 (Reading ML: 2.5 magdef=1
 (Station ML: 2.5 magdef=0

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/27 | 17:06:48.98 | 0.83 | 0.85 | 47.7572 | 16.1522 | 4.7 | 3.0 | 34 | 9.0f | | 21 | 12 | 81 | 0.11 | 1.32 | ke | BUD | 17001092 | BUD | | | 160 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.5 | 9 BUD | 17001092 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 120.6 | Pg | 17:06:51.955 | -0.0 | | | | | T__ | | 384.8 | | _d | ML | 1.2 | 6507461 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 120.6 | Lg | 17:06:53.929 | -0.3 | | | | | T__ | | | | --- | | 6507462 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 311.3 | Pg | 17:06:54.339 | -0.2 | | | | | T__ | | 96.1 | | --- | ML | 1.0 | 6507465 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 311.3 | Lg | 17:06:58.511 | 0.1 | | | | | T__ | | | | --- | | 6507464 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.26 | 38.6 | Lg | 17:07:00.187 | 1.8 | | | | | T__ | | | | --- | | 6507463 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| SOP | 0.28 | 104.9 | Pg | 17:06:54.879 | -0.1 | | | | | T__ | | 205.8 | | --- | ML | 1.4 | 6507466 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 104.9 | Lg | 17:06:58.679 | -0.4 | | | | | T__ | | | | --- | | 6507467 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 301.7 | Pg | 17:07:00.616 | 0.2 | | | | | T__ | | 259.0 | | --- | ML | 2.2 | 6507469 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 301.7 | Lg | 17:07:08.811 | 0.7 | | | | | T__ | | | | --- | | 6507468 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A260A 0.60 141.4 Pg 17:07:01.361 0.2 T__ 216.8 ___ ML 2.2 6507471 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A005B 0.62 3.3 Lg 17:07:09.705 -0.1 T__ 6507470 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.66 220.3 Pg 17:07:01.920 0.0 T__ 78.3 ___ ML 1.8 6507472 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.66 220.3 Lg 17:07:10.935 0.6 T__ ___ 6507473 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A008A 0.70 331.5 Pg 17:07:02.329 -0.1 T__ 256.8 _c_ ML 2.3 6507475 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.70 331.5 Lg 17:07:11.307 -0.7 T__ ___ 6507474 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
MODS 0.97 50.3 Pn 17:07:07.358 -0.9 T__ ___ 6507476 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.97 50.3 Sn 17:07:20.918 -1.7 T__ ___ 6507477 FDSN SK -- BUD iLoc HHN ??? _
A001A 1.02 16.6 Pn 17:07:08.327 -0.5 T__ 69.5 ___ ML 1.9 6507479 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.02 16.6 Sn 17:07:21.551 -1.9 T__ ___ 6507478 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KRUC 1.32 7.0 Pn 17:07:12.723 -0.2 T__ 43.2 ___ ML 1.9 6507480 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.32 7.0 Sn 17:07:30.045 -0.5 T__ ___ 6507481 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/27 18:41:41.90 1.05 0.38 47.6960 16.0273 5.0 3.6 29 6.6 18.6 15 8 125 0.18 1.39 ke BUD 17001094 BUD 219

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.4 7 BUD 17001094

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.18 88.7 Pg 18:41:45.892 -0.1 T__ 65.0 ___ ML 0.6 6508833 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.18 88.7 Lg 18:41:48.984 0.2 T__ ___ 6508834 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
CONA 0.26 334.4 Pg 18:41:47.270 -0.1 T__ 38.4 ___ ML 0.6 6508836 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 334.4 Lg 18:41:50.958 -0.2 T__ ___ 6508835 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
SOP 0.36 91.8 Pg 18:41:49.282 0.0 T__ 48.4 ___ ML 1.0 6508837 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.36 91.8 Lg 18:41:54.162 -0.1 T__ ___ 6508838 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A013A 0.56 311.6 Pg 18:41:53.007 0.3 T__ 106.5 ___ ML 1.8 6508840 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.56 311.6 Lg 18:42:00.383 0.4 T__ ___ 6508839 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
ARSA 0.56 217.7 Pg 18:41:52.746 -0.1 T__ 45.9 ___ ML 1.5 6508841 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.56 217.7 Lg 18:41:59.973 -0.0 T__ ___ 6508842 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| A008A | 0.72 | 339.6 | Pg | 18:41:55.801 | 0.1 | T__ | 68.0 | --- | ML | 1.7 | 6508844 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.72 | 339.6 | Lg | 18:42:05.263 | -0.3 | T__ | | --- | | | 6508843 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 1.08 | 50.6 | Sn | 18:42:17.537 | -1.0 | T__ | | --- | | | 6508846 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| KRUC | 1.39 | 10.0 | Pn | 18:42:07.386 | 0.2 | T__ | 30.0 | --- | ML | 1.7 | 6508845 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.39 | 10.0 | Sn | 18:42:25.434 | -0.3 | T__ | | --- | | | 6508847 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/28 | 03:36:36.31 | 1.17 | 0.55 | 47.7503 | 16.1438 | 13.1 | 3.4 | 36 | 12.2 | 10.4 | 11 | 6 | 139 | 0.11 | 0.92 | ke | BUD | 17001100 | BUD | | | 186 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.4 | 6 BUD | 17001100 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 116.1 | Pg | 03:36:39.830 | 0.1 | | | | | T__ | | 114.4 | | --- | ML | 0.7 | 6513565 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 116.1 | Lg | 03:36:41.767 | -0.4 | | | | | T__ | | | | --- | | 6513566 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 313.2 | Pg | 03:36:42.177 | 0.1 | | | | | T__ | | 32.0 | | --- | ML | 0.5 | 6513568 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 313.2 | Lg | 03:36:45.381 | -0.7 | | | | | T__ | | | | --- | | 6513567 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.29 | 103.3 | Pg | 03:36:42.811 | 0.3 | | | | | T__ | | 48.9 | | --- | ML | 0.8 | 6513574 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.29 | 103.3 | Lg | 03:36:46.797 | -0.0 | | | | | T__ | | | | --- | | 6513573 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 302.5 | Pg | 03:36:48.212 | 0.4 | | | | | T__ | | 32.4 | | --- | ML | 1.3 | 6513569 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 302.5 | Lg | 03:36:56.501 | 0.9 | | | | | T__ | | | | --- | | 6513575 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.70 | 332.1 | Pg | 03:36:50.000 | 0.1 | | | | | T__ | | 29.9 | | --- | ML | 1.4 | 6513571 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.70 | 332.1 | Lg | 03:36:59.052 | -0.5 | | | | | T__ | | | | --- | | 6513570 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.92 | 163.4 | Pg | 03:36:53.874 | -0.4 | | | | | T__ | | 94.4 | | --- | ML | 2.0 | 6513572 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/28 | 07:07:38.78 | 1.01 | 0.53 | 46.8719 | 17.3169 | 6.3 | 4.8 | 46 | 0.0f | | 10 | 6 | 159 | 0.14 | 1.13 | sx | BUD | 17001102 | BUD | | | 215 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 4 BUD | 17001102 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.14 | 304.8 | Pg | 07:07:42.359 | 0.1 | | | | | T__ | | 4086.1 | | --- | ML | 2.3 | 6513660 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.14 | 304.8 | Lg | 07:07:44.966 | -0.1 | | | | | T__ | | | | --- | | 6513661 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |


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(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
MPLH 0.34 27.0 Lg 07:07:51.597 -0.2 T__ --- 6513662 FDSN HU -- BUD iLoc HHN ??? _
EGYH 0.55 1.1 Lg 07:07:58.377 -0.4 T__ --- 6513663 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.70 36.3 Pg 07:07:53.460 0.5 T__ 91.1 --- ML 1.8 6513665 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.70 36.3 Lg 07:08:03.667 -0.7 T__ --- 6513664 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOVH 0.95 145.1 Pg 07:07:58.004 -0.0 T__ 40.0 --- ML 1.6 6513666 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.95 145.1 Lg 07:08:10.968 -0.1 T__ --- 6513667 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 1.13 125.2 Pn 07:08:01.134 0.6 T__ 25.1 --- ML 1.5 6513669 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.13 125.2 Sn 07:08:16.407 -0.9 T__ --- 6513668 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/28 08:35:48.49 1.36 0.88 47.2181 18.2391 11.3 6.3 74 0.0f 10 8 150 0.09 1.34 sx BUD 17001104 BUD 257

```

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Magnitude Err Nsta Author OrigID

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.09 347.2 Lg 08:35:52.867 -0.4 T__ --- 6513771 FDSN HU -- BUD iLoc HHN ??? _
CSKK 0.15 5.7 Pg 08:35:52.508 0.5 T__ 339.7 --- ML 1.2 6513765 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.15 5.7 Lg 08:35:54.668 -0.7 T__ --- 6513766 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MSW1 0.18 4.4 Pg 08:35:53.269 0.7 T__ 186.8 --- ML 1.1 6513773 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.18 4.4 Lg 08:35:55.472 -0.9 T__ --- 6513772 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MSW3 0.18 335.1 Lg 08:35:56.064 -0.4 T__ --- 6513774 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.30 315.0 Lg 08:36:00.033 -0.5 T__ --- 6513767 FDSN ZJ 00 BUD iLoc HHN ??? _
MORH 1.04 164.4 Lg 08:36:23.650 -0.8 T__ --- 6513768 FDSN HU -- BUD iLoc HHE ??? _
PSZ 1.32 57.4 Sn 08:36:31.995 -1.0 T__ --- 6513769 FDSN GE -- BUD iLoc HHE ??? _
VYHS 1.34 17.3 Sn 08:36:32.367 -1.1 T__ --- 6513770 FDSN SK -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/28 08:52:35.53 0.94 1.10 47.8962 19.4157 7.0 2.8 0 0.0f 12 7 166 0.12 0.93 kx BUD 17001106 BUD 234
2021/04/28 08:52:35.46 0.89 0.97 47.9151 19.4088f 0.0f 12 7 158 0.13 0.92 kx BUD_GT 17001107 BUD_GT 230

```

```

(locality : Szanda Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.3 7 BUD_GT 17001107

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.13 95.0 Pg 08:52:40.402 1.8 T__ 3379.6 --- ML 2.2 6513805 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1

```

```

(Station ML: 2.2 magdef=0
HU10A 0.27 255.2 Pg 08:52:41.370 -0.0 T__ 971.0 ___ ML 2.0 6513808 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.27 255.2 Lg 08:52:47.256 1.0 T__ ___ 6513809 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 0.31 96.4 Pg 08:52:41.817 -0.6 T__ 127.4 ___ ML 1.3 6513813 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.31 96.4 Lg 08:52:47.256 -0.4 T__ ___ 6513812 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.33 89.2 Pg 08:52:42.413 -0.5 T__ 182.2 ___ ML 1.5 6513807 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.33 89.2 Lg 08:52:48.225 -0.3 T__ ___ 6513806 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.69 326.7 Pn 08:52:50.832 -0.8 T__ 23.8 ___ ML 1.3 6513810 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.69 326.7 Lg 08:53:00.071 0.1 T__ ___ 6513811 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU02A 0.78 74.1 Pg 08:52:51.056 -0.6 T__ 93.8 ___ ML 1.9 6513814 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.78 74.1 Lg 08:53:01.784 -2.1 T__ ___ 6513815 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.92 51.3 Pg 08:52:54.036 0.3 T__ 117.2 ___ ML 2.1 6513816 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/28 09:57:50.65 2.10 0.77 48.5657 20.7586 13.3 5.5 171 13.3 17.7 11 8 161 0.16 1.28 kx BUD 17001108 BUD 222
2021/04/28 09:57:50.27 0.93 0.98 48.5801 20.8130f 0.0f 11 8 162 0.20 1.32 kx BUD_GT 17001109 BUD_GT 227
(locality : Dvorniky-Vcelare Slovakia)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.5 3 BUD_GT 17001109

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.20 245.2 Pg 09:57:54.923 0.5 T__ 383.0 ___ ML 1.4 6513851 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 245.2 Lg 09:57:57.978 0.2 T__ ___ 6513852 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.24 246.1 Pg 09:57:55.296 0.1 T__ 978.1 ___ ML 2.0 6513854 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.24 246.1 Lg 09:57:58.276 -0.8 T__ ___ 6513853 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ABAH 0.40 134.8 Pg 09:57:59.245 0.7 T__ 50.6 ___ ML 1.1 6513855 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.40 134.8 Lg 09:58:06.024 0.5 T__ ___ 6513856 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.50 202.9 Lg 09:58:07.812 -1.0 T__ ___ 6513857 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.90 223.2 Lg 09:58:21.819 -1.0 T__ ___ 6513858 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.94 222.3 Lg 09:58:21.947 -1.8 T__ ___ 6513860 FDSN HU -- BUD iLoc HHE ??? _
KOLS 1.03 69.4 Lg 09:58:25.917 0.0 T__ ___ 6513859 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.32 267.0 Sn 09:58:33.048 -1.7 T__ ___ 6513861 FDSN SK -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/04/29 | 09:09:38.97 | 0.98 | 0.78 | 48.2459 | 21.2196 | 6.6 | 3.7 | 159 | 0.0f | 16 | 8 | 151 | 0.05 | 0.98 | | kx | BUD | 17001112 | BUD | | | 203 |
| 2021/04/29 | 09:09:38.69 | 0.88 | 0.64 | 48.2470 | 21.2460f | | | | 0.0f | 16 | 8 | 151 | 0.05 | 0.99 | | kx | BUD_GT | 17001113 | BUD_GT | | | 204 |

(locality : Tallya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.9 | 0.2 | 7 BUD_GT | 17001113 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 09:09:40.465 | 0.2 | | | | | T__ | | 13011.5 | | ___ | ML | 2.6 | 6517370 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 09:09:40.912 | -0.9 | | | | | T__ | | | | --- | | 6517371 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 09:09:49.293 | 0.0 | | | | | T__ | | 83.2 | | ___ | ML | 1.6 | 6517373 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 09:09:56.408 | -1.0 | | | | | T__ | | | | --- | | 6517372 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 09:09:49.740 | 0.3 | | | | | T__ | | 75.3 | | ___ | ML | 1.7 | 6517374 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 09:09:57.228 | -0.4 | | | | | T__ | | | | --- | | 6517375 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 09:09:50.485 | 0.5 | | | | | T__ | | 176.2 | | ___ | ML | 2.1 | 6517377 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 09:09:58.383 | -0.1 | | | | | T__ | | | | --- | | 6517376 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Pg | 09:09:56.520 | 0.8 | | | | | T__ | | 90.0 | | ___ | ML | 1.9 | 6517379 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 09:10:09.670 | -0.5 | | | | | T__ | | | | --- | | 6517378 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 09:09:58.775 | 0.3 | | | | | T__ | | 72.2 | | ___ | ML | 1.9 | 6517384 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 09:10:12.111 | -1.3 | | | | | T__ | | | | --- | | 6517385 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 09:09:59.202 | 0.6 | | | | | T__ | | | | --- | | 6517380 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.97 | 44.4 | Lg | 09:10:13.395 | 0.4 | | | | | T__ | | | | --- | | 6517381 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.99 | 248.7 | Pn | 09:09:59.053 | 0.3 | | | | | T__ | | 40.3 | | ___ | ML | 1.7 | 6517382 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 09:10:13.358 | -0.6 | | | | | T__ | | | | --- | | 6517383 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|--------|----------|-------|-----|-----|-----|
| 2021/04/29 | 17:57:21.33 | 2.94 | 0.24 | 45.8190 | 17.7153 | 23.5 | 8.7 | 5 | 16.7 | 11.2 | 7 | 4 | 260 | 0.12 | 0.76 | | ke | BUD | 17001114 | BUD | | | 337 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.1 | 3 BUD | 17001114 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| A273A | 0.12 | 35.9 | Pg | 17:57:25.175 | -0.1 | | | | | T__ | | 223.2 | | _d_ | ML | 1.0 | 6520899 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| A273A | 0.12 | 35.9 | Lg | 17:57:28.100 | 0.1 | T__ | --- | 6520900 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.38 | 44.8 | Pg | 17:57:29.455 | -0.0 | T__ | 36.5 | --- | ML | 0.9 | 6520901 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.38 | 44.8 | Lg | 17:57:35.185 | 0.1 | T__ | --- | 6520898 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A264A | 0.45 | 319.1 | Lg | 17:57:37.003 | -0.0 | T__ | --- | 6520902 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| MORH | 0.76 | 58.2 | Pn | 17:57:36.153 | 0.3 | T__ | 23.7 | --- | ML | 1.3 | 6520897 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.76 | 58.2 | Lg | 17:57:47.061 | -0.3 | T__ | --- | 6520903 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/04/29 | 23:53:00.78 | 0.96 | 0.63 | 46.1028 | 21.4245 | 6.2 | 4.9 | 73 | 15.0f | 7 | 4 | 132 | 0.23 | 1.18 | ke | BUD | 17001116 | BUD | | | | 240 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| SIRR | 0.23 | 44.7 | Pg | 23:53:06.749 | 0.4 | | | | | T__ | | 69.5 | | --- | ML | 0.8 | 6521609 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| SIRR | 0.23 | 44.7 | Lg | 23:53:09.617 | -0.7 | | | | | T__ | | | | --- | | 6521610 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.50 | 164.5 | Pg | 23:53:11.331 | 0.4 | | | | | T__ | | 33.9 | | _c_ | ML | 1.2 | 6521612 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| BZS | 0.50 | 164.5 | Lg | 23:53:17.328 | -0.7 | | | | | T__ | | | | --- | | 6521611 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMBH | 0.54 | 297.3 | Pg | 23:53:12.465 | 0.2 | | | | | T__ | | | | --- | | 6521614 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | | |
| AMBH | 0.54 | 297.3 | Lg | 23:53:19.749 | -0.3 | | | | | T__ | | | | --- | | 6521613 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | | |
| GZR | 1.18 | 126.4 | Sn | 23:53:38.393 | 0.1 | | | | | T__ | | | | --- | | 6521615 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/04/30 | 08:37:47.83 | 1.01 | 0.71 | 46.1611 | 18.2932 | 6.3 | 3.6 | 149 | 0.0f | 6 | 3 | 164 | 0.15 | 0.37 | kx | BUD | 17001120 | BUD | | | | 279 |
| 2021/04/30 | 08:37:47.91 | 0.98 | 0.52 | 46.1765 | 18.2926f | | | | 0.0f | 6 | 3 | 155 | 0.16 | 0.35 | kx | BUD_GT | 17001121 | BUD_GT | | | | 275 |

(locality : Komló Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.3 | 0.3 | 3 BUD_GT | 17001121 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| KOVH | 0.16 | 236.7 | Pg | 08:37:51.774 | -0.0 | | | | | T__ | | 357.7 | | --- | ML | 1.3 | 6522064 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 0.16 | 236.7 | Lg | 08:37:54.233 | -0.6 | | | | | T__ | | | | --- | | 6522063 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 08:37:53.637 | 0.2 | | | | | T__ | | 126.2 | | --- | ML | 1.1 | 6522062 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 0.25 | 80.9 | Lg | 08:37:57.419 | -0.4 | | | | | T__ | | | | --- | | 6522066 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Pg | 08:37:56.152 | 0.7 | | | | | T__ | | 207.5 | | --- | ML | 1.6 | 6522067 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |

A266A 0.35 356.8 Lg 08:38:00.789 -0.5 T__ --- 6522065 FDSN Z3 00 BUD iLoc HHE ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/04/30 | 10:01:19.37 | 2.27 | 0.85 | 47.8132 | 19.1474 | 41.9 | 3.3 | 3 | 0.0f | 7 | 4 | 208 | 0.09 | 0.51 | sx | BUD | 17001122 | BUD | | | | 351 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.3 | 3 BUD | 17001122 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.09 | 290.3 | Pg | 10:01:22.141 | 0.4 | | | | | T__ | | 1221.7 | | --- | ML | 1.6 | 6522090 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.09 | 290.3 | Lg | 10:01:23.191 | -0.7 | | | | | T__ | | | | --- | | 6522093 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.32 | 73.3 | Pg | 10:01:26.984 | 0.7 | | | | | T__ | | 105.7 | | --- | ML | 1.2 | 6522091 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.32 | 73.3 | Lg | 10:01:31.293 | -0.3 | | | | | T__ | | | | --- | | 6522094 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.49 | 82.0 | Pg | 10:01:30.038 | 0.0 | | | | | T__ | | 23.2 | | --- | ML | 1.0 | 6522092 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.49 | 82.0 | Lg | 10:01:37.589 | -0.1 | | | | | T__ | | | | --- | | 6522095 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.51 | 77.9 | Lg | 10:01:37.552 | -1.3 | | | | | T__ | | | | --- | | 6522096 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/04/30 | 10:11:44.33 | 1.00 | 1.06 | 46.1044 | 18.0437 | 6.9 | 3.8 | 143 | 0.0f | 9 | 5 | 121 | 0.04 | 1.12 | sx | BUD | 17001124 | BUD | | | | | 229 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.0 | 5 BUD | 17001124 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.04 | 112.3 | Pg | 10:11:46.353 | 0.4 | | | | | T__ | | 2474.6 | | _c | ML | 1.8 | 6522123 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.04 | 112.3 | Lg | 10:11:46.856 | -0.6 | | | | | T__ | | | | --- | | 6522124 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.25 | 220.2 | Pg | 10:11:50.022 | 0.2 | | | | | T__ | | 547.9 | | --- | ML | 1.7 | 6522126 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.25 | 220.2 | Lg | 10:11:53.356 | -0.3 | | | | | T__ | | | | --- | | 6522125 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.43 | 74.9 | Pg | 10:11:53.580 | 0.2 | | | | | T__ | | 47.4 | | --- | ML | 1.2 | 6522128 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.43 | 74.9 | Lg | 10:11:59.913 | -0.5 | | | | | T__ | | | | --- | | 6522129 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.45 | 19.9 | Pg | 10:11:54.120 | 0.3 | | | | | T__ | | 189.9 | | --- | ML | 1.8 | 6522127 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.12 | 342.1 | Pn | 10:12:06.096 | -0.1 | | | | | T__ | | 84.8 | | --- | ML | 2.1 | 6522130 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.12 | 342.1 | Sn | 10:12:20.475 | -2.4 | | | | | T__ | | | | --- | | 6522131 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 2.1 magdef=0)

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/30 | 11:27:40.89 | 0.97 | 0.34 | 47.6865 | 16.0394 | 5.2 | 4.6 | 4 | 7.0f | | 6 | 3 | 133 | 0.17 | 0.56 | ke | BUD | 17001126 | BUD | | | 248 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.5 | 0.4 | 3 BUD | 17001126 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.17 | 85.6 | Pg | 11:27:44.961 | 0.2 | | | | | T__ | | 26.2 | | ___ | ML | 0.2 | 6522240 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.17 | 85.6 | Lg | 11:27:47.270 | -0.3 | | | | | T__ | | | | --- | | 6522241 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 333.7 | Pg | 11:27:46.749 | 0.2 | | | | | T__ | | 28.4 | | ___ | ML | 0.5 | 6522243 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 333.7 | Lg | 11:27:50.213 | -0.3 | | | | | T__ | | | | --- | | 6522242 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.56 | 218.9 | Pg | 11:27:51.592 | -0.2 | | | | | T__ | | 27.3 | | ___ | ML | 1.2 | 6522245 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.56 | 218.9 | Lg | 11:27:59.191 | 0.3 | | | | | T__ | | | | --- | | 6522244 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/04/30 | 13:22:38.45 | 0.99 | 0.40 | 47.6894 | 16.0317 | 5.1 | 4.0 | 17 | 5.8 | 17.1 | 13 | 8 | 127 | 0.18 | 1.39 | ke | BUD | 17001128 | BUD | | | 184 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 5 BUD | 17001128 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.18 | 86.6 | Pg | 13:22:42.402 | 0.0 | | | | | T__ | | 60.6 | | ___ | ML | 0.6 | 6522276 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.18 | 86.6 | Lg | 13:22:45.196 | 0.0 | | | | | T__ | | | | --- | | 6522277 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 334.4 | Pg | 13:22:44.041 | 0.0 | | | | | T__ | | 34.6 | | ___ | ML | 0.6 | 6522279 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 334.4 | Lg | 13:22:47.468 | -0.4 | | | | | T__ | | | | --- | | 6522278 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.36 | 90.8 | Pg | 13:22:45.773 | 0.1 | | | | | T__ | | 124.4 | | ___ | ML | 1.4 | 6522280 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.56 | 218.3 | Pg | 13:22:49.312 | -0.0 | | | | | T__ | | 41.6 | | ___ | ML | 1.4 | 6522281 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.56 | 218.3 | Lg | 13:22:56.390 | -0.0 | | | | | T__ | | | | --- | | 6522282 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.56 | 311.9 | Lg | 13:22:57.275 | 0.5 | | | | | T__ | | | | --- | | 6522287 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A018A | 0.65 | 275.2 | Lg | 13:22:59.101 | -0.1 | | | | | T__ | | | | --- | | 6522288 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| MODS | 1.08 | 50.2 | Pn | 13:22:59.798 | 0.2 | | | | | T__ | | | | --- | | 6522284 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 1.08 | 50.2 | Sn | 13:23:14.587 | -0.7 | | | | | T__ | | | | --- | | 6522283 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.39 | 9.9 | Pn | 13:23:03.524 | -0.4 | | | | | T__ | | 23.8 | | ___ | ML | 1.7 | 6522285 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.39 | 9.9 | Sn | 13:23:22.000 | -0.5 | | | | | T__ | | | | --- | | 6522286 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=0

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/04/30 | 16:29:36.23 | 0.96 | 0.33 | 47.6828 | 16.0336 | 5.1 | 4.4 | 17 | 7.0f | 8 | 5 | 134 | 0.18 | 1.40 | ke | BUD | 17001130 | BUD | | | | 227 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.4 | 0.4 | 3 BUD | 17001130 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.18 | 84.5 | Pg | 16:29:40.370 | 0.1 | | | | | T__ | | 20.9 | | ___ | ML | 0.1 | 6522316 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.18 | 84.5 | Lg | 16:29:42.829 | -0.2 | | | | | T__ | | | | ___ | | 6522317 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.1 magdef=1 (Station ML: 0.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 334.8 | Pg | 16:29:42.047 | 0.1 | | | | | T__ | | 21.9 | | ___ | ML | 0.4 | 6522319 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 334.8 | Lg | 16:29:45.362 | -0.5 | | | | | T__ | | | | ___ | | 6522318 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.55 | 218.9 | Pg | 16:29:47.001 | -0.0 | | | | | T__ | | 20.1 | | ___ | ML | 1.1 | 6522320 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.55 | 218.9 | Lg | 16:29:54.042 | -0.1 | | | | | T__ | | | | ___ | | 6522321 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.57 | 312.3 | Lg | 16:29:55.159 | 0.4 | | | | | T__ | | | | ___ | | 6522322 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.40 | 9.8 | Sn | 16:30:20.230 | -0.0 | | | | | T__ | | | | ___ | | 6522323 | FDSN | CZ | -- | BUD | iLoc | HHZ | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/04/30 | 22:33:28.26 | 1.39 | 0.32 | 47.6894 | 16.0364 | 5.3 | 4.0 | 38 | 7.8 | 23.4 | 10 | 5 | 127 | 0.18 | 0.73 | ke | BUD | 17001134 | BUD | | | | 243 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.8 | 0.7 | 5 BUD | 17001134 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.18 | 86.5 | Pg | 22:33:32.445 | 0.2 | | | | | T__ | | 24.4 | | ___ | ML | 0.2 | 6523756 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.18 | 86.5 | Lg | 22:33:34.568 | -0.5 | | | | | T__ | | | | ___ | | 6523757 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.2 magdef=1 (Station ML: 0.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 333.8 | Pg | 22:33:34.196 | 0.3 | | | | | T__ | | 19.4 | | ___ | ML | 0.3 | 6523759 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 333.8 | Lg | 22:33:37.586 | -0.2 | | | | | T__ | | | | ___ | | 6523758 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.3 magdef=1 (Station ML: 0.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.35 | 90.8 | Pg | 22:33:35.500 | -0.0 | | | | | T__ | | 31.0 | | ___ | ML | 0.8 | 6523760 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.35 | 90.8 | Lg | 22:33:40.715 | 0.3 | | | | | T__ | | | | ___ | | 6523761 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.56 | 218.6 | Pg | 22:33:39.088 | -0.1 | | | | | T__ | | 29.1 | | ___ | ML | 1.3 | 6523765 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.56 | 218.6 | Lg | 22:33:46.489 | 0.1 | | | | | T__ | | | | ___ | | 6523762 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.73 | 339.4 | Pg | 22:33:42.205 | -0.0 | | | | | T__ | | 20.6 | | ___ | ML | 1.2 | 6523764 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.73 | 339.4 | Lg | 22:33:51.927 | -0.3 | | | | | T__ | | | | ___ | | 6523763 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |

(Reading ML: 1.2 magdef=1
 (Station ML: 1.2 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/01 | 08:55:23.78 | 1.10 | 0.58 | 47.7931 | 16.1944 | 11.6 | 3.7 | 42 | 9.0f | | 8 | 5 | 137 | 0.12 | 1.28 | ke | BUD | 17001138 | BUD | | | 214 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.3 | 0.1 | 3 BUD | 17001138 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 143.6 | Pg | 08:55:26.918 | 0.1 | | | | | T__ | | 52.8 | | _c_ | ML | 0.3 | 6525872 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 143.6 | Lg | 08:55:28.873 | -0.2 | | | | | T__ | | | | --- | | 6525873 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.3 magdef=1 (Station ML: 0.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 301.3 | Pg | 08:55:29.413 | -0.0 | | | | | T__ | | 17.7 | | --- | ML | 0.3 | 6525875 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 301.3 | Lg | 08:55:32.692 | -0.6 | | | | | T__ | | | | --- | | 6525874 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.3 magdef=1 (Station ML: 0.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.60 | 297.3 | Pg | 08:55:35.448 | 0.1 | | | | | T__ | | 36.1 | | --- | ML | 1.4 | 6525877 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.60 | 297.3 | Lg | 08:55:43.793 | 0.6 | | | | | T__ | | | | --- | | 6525876 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.71 | 220.2 | Lg | 08:55:46.493 | -0.1 | | | | | T__ | | | | --- | | 6525878 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.28 | 5.9 | Sn | 08:56:05.378 | 1.0 | | | | | T__ | | | | --- | | 6525879 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|----------|-------|-----|-----|-----|
| 2021/05/01 | 11:14:41.85 | 1.02 | 0.76 | 47.7833 | 16.1745 | 4.7 | 3.9 | 26 | 14.6 | | 8.8 | 15 | 8 | 84 | 0.12 | 1.29 | ke | BUD | 17001140 | BUD | | | 169 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.5 | 6 BUD | 17001140 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 135.5 | Pg | 11:14:45.718 | 0.1 | | | | | T__ | | 289.9 | | --- | ML | 1.1 | 6525914 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 135.5 | Lg | 11:14:47.525 | -0.7 | | | | | T__ | | | | --- | | 6525915 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 304.7 | Pg | 11:14:47.972 | 0.2 | | | | | T__ | | 75.8 | | --- | ML | 0.9 | 6525917 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 304.7 | Lg | 11:14:51.623 | -0.2 | | | | | T__ | | | | --- | | 6525916 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 111.0 | Pg | 11:14:48.456 | 0.4 | | | | | T__ | | 58.5 | | --- | ML | 0.8 | 6525918 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 111.0 | Lg | 11:14:52.275 | -0.0 | | | | | T__ | | | | --- | | 6525919 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.59 | 2.0 | Lg | 11:15:02.538 | 0.6 | | | | | T__ | | | | --- | | 6525920 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| ARSA | 0.69 | 219.9 | Pg | 11:14:55.087 | -0.3 | | | | | T__ | | 122.3 | | --- | ML | 2.0 | 6525922 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.69 | 219.9 | Lg | 11:15:04.288 | -0.0 | | | | | T__ | | | | --- | | 6525921 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.95 | 51.0 | Pg | 11:15:00.712 | -0.1 | | | | | T__ | | | | --- | | 6525923 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|--|--|--|--|------|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| MODS | 0.95 | 51.0 | Lg | 11:15:14.011 | -0.7 | T__ | | | | | | | | | 6525924 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | | |
| A006A | 0.96 | 353.9 | Pg | 11:15:00.600 | 0.0 | T__ | | | | | | | | 56.7 | --- | ML | 1.8 | 6525926 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A006A | 0.96 | 353.9 | Lg | 11:15:13.415 | -0.9 | T__ | | | | | | | | | --- | | 6525925 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.29 | 6.5 | Pn | 11:15:05.853 | 1.1 | T__ | | | | | | | | 32.8 | --- | ML | 1.7 | 6525927 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.29 | 6.5 | Sn | 11:15:23.361 | 1.6 | T__ | | | | | | | | | --- | | 6525928 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/05/01 | 21:43:57.21 | 0.96 | 0.91 | 45.8385 | 16.0037 | 9.9 | 6.9 | 53 | 3.1 | 12.6 | 59 | 30 | 83 | 0.02 | 2.90 | ke | BUD | 17001142 | BUD | | | 139 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 2.6 | 0.2 | 26 BUD | 17001142 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|----------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| ZAG | 0.02 | 225.3 | Pg | 21:43:59.359 | 1.4 | | | | | T__ | | 167874.7 | | _d_ | ML | 3.6 | 6526208 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.02 | 225.3 | Lg | 21:44:00.390 | 1.7 | | | | | T__ | | | | --- | | 6526207 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.07 | 340.0 | Pg | 21:43:58.576 | -0.6 | | | | | T__ | | 56083.1 | | _c_ | ML | 3.3 | 6526151 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.07 | 340.0 | Lg | 21:43:59.347 | -1.6 | | | | | T__ | | | | --- | | 6526206 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.38 | 268.3 | Pg | 21:44:04.835 | 0.1 | | | | | T__ | | 446.7 | | --- | ML | 2.0 | 6526152 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.38 | 268.3 | Lg | 21:44:10.150 | -0.2 | | | | | T__ | | | | --- | | 6526209 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.63 | 15.6 | Pg | 21:44:09.398 | -0.3 | | | | | T__ | | 1619.9 | | _c_ | ML | 3.1 | 6526154 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.63 | 15.6 | Lg | 21:44:17.426 | -0.5 | | | | | T__ | | | | --- | | 6526153 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.83 | 40.1 | Pg | 21:44:13.496 | -0.2 | | | | | T__ | | 1299.2 | | --- | ML | 3.1 | 6526155 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.83 | 40.1 | Lg | 21:44:24.587 | 0.0 | | | | | T__ | | | | --- | | 6526156 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.95 | 69.8 | Pn | 21:44:16.168 | -0.5 | | | | | T__ | | 584.3 | | --- | ML | 2.8 | 6526158 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.95 | 69.8 | Sn | 21:44:29.579 | -1.2 | | | | | T__ | | | | --- | | 6526157 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A262A | 1.09 | 19.3 | Pn | 21:44:18.180 | -0.5 | | | | | T__ | | 484.4 | | --- | ML | 2.8 | 6526159 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.21 | 304.1 | Pn | 21:44:20.303 | -0.9 | | | | | T__ | | 229.4 | | --- | ML | 2.5 | 6526160 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.21 | 304.1 | Lg | 21:44:35.502 | -0.9 | | | | | T__ | | | | --- | | 6526161 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 1.21 | 48.1 | Pn | 21:44:19.521 | -0.7 | | | | | T__ | | 345.7 | | --- | ML | 2.7 | 6526162 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 1.21 | 48.1 | Sn | 21:44:35.704 | -1.3 | | | | | T__ | | | | --- | | 6526176 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| A273A | 1.27 | 85.8 | Pn | 21:44:20.639 | -0.3 | T__ | 298.3 | ___ | ML | 2.7 | 6526163 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 1.27 | 85.8 | Lg | 21:44:38.312 | -0.1 | T__ | | --- | | | 6526177 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A261A | 1.37 | 35.0 | Pn | 21:44:21.793 | -0.6 | T__ | 236.1 | ___ | ML | 2.6 | 6526164 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 1.37 | 35.0 | Pg | 21:44:23.150 | -0.2 | T__ | | --- | | | 6526179 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ |
| A261A | 1.37 | 35.0 | Sn | 21:44:39.355 | -1.3 | T__ | | --- | | | 6526178 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BLY | 1.37 | 142.2 | Pn | 21:44:23.134 | 0.3 | T__ | 168.8 | ___ | ML | 2.5 | 6526168 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 1.37 | 142.2 | Lg | 21:44:42.297 | 0.9 | T__ | | --- | | | 6526182 | FDSN | MN | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A265A | 1.38 | 64.2 | Pn | 21:44:21.682 | -0.7 | T__ | 385.1 | ___ | ML | 2.9 | 6526165 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 1.38 | 64.2 | Sn | 21:44:40.100 | -0.8 | T__ | | --- | | | 6526180 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.45 | 347.0 | Pn | 21:44:22.911 | -1.0 | T__ | 195.9 | ___ | ML | 2.6 | 6526166 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 1.45 | 347.0 | Pg | 21:44:24.715 | 0.4 | T__ | | --- | | | 6526181 | FDSN | OE | -- | BUD | iLoc | HHZ | ??? | _ |
| ARSA | 1.45 | 347.0 | Lg | 21:44:41.947 | -1.4 | T__ | | --- | | | 6526167 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.48 | 79.6 | Pn | 21:44:23.023 | -0.9 | T__ | 125.5 | _c_ | ML | 2.4 | 6526169 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| TIH | 1.68 | 50.3 | Pn | 21:44:25.705 | -1.0 | T__ | 315.0 | ___ | ML | 2.9 | 6526170 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 1.68 | 50.3 | Pg | 21:44:28.812 | -0.3 | T__ | | --- | | | 6526183 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.70 | 38.0 | Pn | 21:44:27.158 | 0.1 | T__ | 90.4 | ___ | ML | 2.4 | 6526171 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.70 | 38.0 | Sn | 21:44:49.450 | 0.5 | T__ | | --- | | | 6526184 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| EGYH | 1.83 | 29.6 | Pn | 21:44:28.871 | 0.1 | T__ | 136.8 | ___ | ML | 2.7 | 6526172 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 1.83 | 29.6 | Sn | 21:44:52.132 | 0.3 | T__ | | --- | | | 6526185 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| RONA | 1.87 | 6.1 | Pn | 21:44:29.393 | -0.3 | T__ | 95.5 | ___ | ML | 2.5 | 6526173 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.87 | 6.1 | Pg | 21:44:32.314 | -0.1 | T__ | | --- | | | 6526186 | FDSN | OE | -- | BUD | iLoc | HHZ | ??? | _ |
| RONA | 1.87 | 6.1 | Lg | 21:44:57.422 | -0.1 | T__ | | --- | | | 6526187 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MORH | 1.88 | 77.5 | Pn | 21:44:28.201 | -1.0 | T__ | 118.5 | ___ | ML | 2.6 | 6526175 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SOP | 1.88 | 11.5 | Pn | 21:44:29.579 | -0.1 | T__ | 95.4 | ___ | ML | 2.5 | 6526174 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 1.88 | 11.5 | Pg | 21:44:32.389 | -0.2 | T__ | | --- | | | 6526189 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| SOP | 1.88 | 11.5 | Lg | 21:44:57.347 | -0.5 | T__ | | --- | | | 6526188 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A018A | 2.01 | 341.9 | Pg | 21:44:35.145 | 1.0 | T__ | 106.3 | ___ | ML | 2.6 | 6526191 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 2.01 | 341.9 | Lg | 21:45:02.562 | 1.3 | T__ | | --- | | | 6526190 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 2.6 magdef=1
HU08A 2.07 39.0 Pn 21:44:31.867 -0.2 T__ 58.5 --- ML 2.4 6526193 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 2.07 39.0 Sn 21:44:57.422 -0.5 T__ --- 6526192 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
CONA 2.09 357.4 Pn 21:44:32.612 -0.3 T__ 66.3 --- ML 2.5 6526194 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 2.09 357.4 Pg 21:44:37.008 0.7 T__ --- 6526197 FDSN OE -- BUD iLoc HHZ ??? _
CONA 2.09 357.4 Sn 21:44:58.837 -0.4 T__ --- 6526195 FDSN OE -- BUD iLoc HHE ??? _
CONA 2.09 357.4 Lg 21:45:05.617 1.3 T__ --- 6526196 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
HU22A 2.23 76.2 Pn 21:44:33.655 -0.4 T__ 191.7 --- ML 3.0 6526198 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU22A 2.23 76.2 Lg 21:45:10.981 1.7 T__ --- 6526199 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
A272A 2.24 65.1 Lg 21:45:11.577 1.6 T__ --- 6526200 FDSN Z3 00 BUD iLoc HHE ??? _
A005B 2.54 3.0 Pg 21:44:45.427 1.0 T__ 118.0 --- ML 3.0 6526202 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 2.54 3.0 Lg 21:45:19.773 1.5 T__ --- 6526201 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
HU04A 2.60 66.7 Lg 21:45:21.635 0.0 T__ --- 6526203 FDSN ZJ 00 BUD iLoc HHE ??? _
HU21A 2.64 77.9 Lg 21:45:24.764 1.9 T__ --- 6526204 FDSN ZJ 00 BUD iLoc HHE ??? _
A006A 2.90 0.2 Lg 21:45:31.544 1.5 T__ --- 6526205 FDSN Z3 00 BUD iLoc HHE ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/02 09:35:19.78 1.00 0.78 47.7662 16.1474 9.2 3.8 33 7.0f 6 4 173 0.12 0.72 ke BUD 17001148 BUD 269

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 123.4 Pg 09:35:22.737 -0.0 T__ 80.3 --- ML 0.5 6527228 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 123.4 Lg 09:35:24.786 -0.1 T__ --- 6527227 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
CONA 0.25 310.2 Pg 09:35:25.196 0.1 T__ 30.6 --- ML 0.5 6527225 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 310.2 Lg 09:35:29.182 0.4 T__ --- 6527226 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
ARSA 0.67 219.6 Lg 09:35:41.810 0.6 T__ --- 6527230 FDSN OE -- BUD iLoc HHN ??? _
A018A 0.72 268.6 Lg 09:35:41.810 -1.2 T__ --- 6527229 FDSN Z3 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/02 13:15:11.54 0.88 0.33 47.7535 16.1573 6.0 3.3 31 9.0f 12 6 100 0.11 1.32 ke BUD 17001150 BUD 191

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.5 6 BUD 17001150

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 119.8 Pg 13:15:14.700 0.2 T__ 108.3 _c_ ML 0.6 6527259 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 119.8 Lg 13:15:16.525 -0.1 T__ --- 6527260 FDSN OE -- BUD iLoc HHN ??? _

```

```

(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
CONA 0.26 311.4 Pg 13:15:17.494 0.3 T__ 41.2 ___ ML 0.7 6527262 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 311.4 Lg 13:15:21.405 0.2 T__ ___ 6527261 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SOP 0.28 104.4 Pg 13:15:17.494 0.0 T__ 51.0 ___ ML 0.8 6527263 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 104.4 Lg 13:15:21.405 -0.1 T__ ___ 6527264 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
ARSA 0.66 220.7 Pg 13:15:24.050 -0.4 T__ 39.6 ___ ML 1.5 6527266 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.66 220.7 Lg 13:15:33.065 0.2 T__ ___ 6527265 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A008A 0.70 331.4 Pg 13:15:24.944 -0.1 T__ 34.5 ___ ML 1.4 6527267 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.70 331.4 Lg 13:15:34.033 -0.7 T__ ___ 6527268 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KRUC 1.32 6.8 Pn 13:15:35.747 0.2 T__ 18.9 ___ ML 1.5 6527270 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.32 6.8 Sn 13:15:53.106 -0.1 T__ ___ 6527269 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/02 18:49:35.75 1.18 0.32 47.7749 16.1791 6.5 3.7 36 9.1 13.2 13 7 103 0.11 1.30 ke BUD 17001152 BUD 165

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.6 6 BUD 17001152

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 133.5 Pg 18:49:38.737 0.0 T__ 59.3 _c_ ML 0.4 6528594 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 133.5 Lg 18:49:40.637 -0.2 T__ ___ 6528595 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=0
CONA 0.26 305.8 Pg 18:49:41.680 0.3 T__ 46.2 ___ ML 0.7 6528597 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 305.8 Lg 18:49:45.088 -0.2 T__ ___ 6528596 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SOP 0.27 109.6 Pg 18:49:41.624 0.1 T__ 44.7 ___ ML 0.7 6528598 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.27 109.6 Lg 18:49:45.573 0.1 T__ ___ 6528599 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A013A 0.59 299.3 Lg 18:49:55.424 0.3 T__ ___ 6528600 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.69 220.5 Pg 18:49:48.738 -0.4 T__ 37.5 ___ ML 1.5 6528603 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.69 220.5 Lg 18:49:58.162 0.3 T__ ___ 6528604 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A008A 0.69 329.5 Pg 18:49:48.961 -0.1 T__ 64.8 ___ ML 1.7 6528602 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 329.5 Lg 18:49:58.125 -0.5 T__ ___ 6528601 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
KRUC 1.30 6.3 Pn 18:49:59.839 0.4 T__ 25.7 ___ ML 1.6 6528606 FDSN CZ -- BUD iLoc HHZ HHZ _

```

KRUC 1.30 6.3 Sn 18:50:16.825 -0.0 T__ --- 6528605 FDSN CZ -- BUD iLoc HHE ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/03 | 03:52:02.29 | 1.49 | 1.16 | 47.7537 | 16.3011 | 8.3 | 5.2 | 19 | 22.4 | 9.2 | 13 | 9 | 94 | 0.05 | 1.31 | ke | BUD | 17001154 | BUD | | | 166 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.6 | 0.2 | 4 BUD | 17001154 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.05 | 183.5 | Pg | 03:52:06.993 | 0.4 | | | | | T__ | | 97.5 | | _d | ML | 0.4 | 6529590 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.05 | 183.5 | Lg | 03:52:08.865 | -0.8 | | | | | T__ | | | | --- | | 6529591 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.19 | 112.0 | Pg | 03:52:07.663 | -0.1 | | | | | T__ | | 53.7 | | --- | ML | 0.6 | 6529583 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.19 | 112.0 | Lg | 03:52:11.611 | 0.0 | | | | | T__ | | | | --- | | 6529582 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A004A | 0.22 | 17.1 | Lg | 03:52:13.121 | 0.9 | | | | | T__ | | | | --- | | 6529592 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| CONA | 0.34 | 300.7 | Pg | 03:52:10.717 | 0.5 | | | | | T__ | | 25.3 | | --- | ML | 0.7 | 6529584 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.34 | 300.7 | Lg | 03:52:14.293 | -1.4 | | | | | T__ | | | | --- | | 6529585 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.68 | 297.6 | Lg | 03:52:24.985 | 0.2 | | | | | T__ | | | | --- | | 6529586 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| ARSA | 0.73 | 226.6 | Sn | 03:52:28.972 | 2.1 | | | | | T__ | | | | --- | | 6529593 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| A008A | 0.75 | 325.0 | Pn | 03:52:17.385 | 0.4 | | | | | T__ | | 65.9 | | --- | ML | 1.7 | 6529588 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.75 | 325.0 | Lg | 03:52:26.624 | -0.9 | | | | | T__ | | | | --- | | 6529587 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.83 | 269.8 | Sn | 03:52:30.760 | 1.2 | | | | | T__ | | | | --- | | 6529594 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.31 | 2.7 | Lg | 03:52:44.691 | -1.2 | | | | | T__ | | | | --- | | 6529589 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/04 | 07:28:21.81 | 0.92 | 0.72 | 48.4052 | 19.5266 | 6.3 | 3.5 | 13 | 0.0f | | 13 | 7 | 160 | 0.47 | 1.15 | sx | BUD | 17001158 | BUD | | | 285 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.0 | 6 BUD | 17001158 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.47 | 281.2 | Pg | 07:28:31.878 | 0.4 | | | | | T__ | | 34.4 | | --- | ML | 1.1 | 6534238 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.47 | 281.2 | Lg | 07:28:37.503 | -1.0 | | | | | T__ | | | | --- | | 6534239 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.55 | 153.0 | Pg | 07:28:34.076 | 0.5 | | | | | T__ | | 54.5 | | --- | ML | 1.5 | 6534241 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.55 | 153.0 | Lg | 07:28:41.489 | -0.7 | | | | | T__ | | | | --- | | 6534240 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.57 | 156.2 | Lg | 07:28:42.644 | -0.1 | | | | | T__ | | | | --- | | 6534242 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.64 | 82.7 | Pg | 07:28:35.230 | 0.5 | | | | | T__ | | 114.4 | | --- | ML | 1.9 | 6534244 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |

```

KECS  0.64 82.7 Lg      07:28:44.208 -0.2      T__          ---          6534243      FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS   0.68 82.0 Pg      07:28:35.566  0.2      T__          43.1      --- ML      1.5 6534245      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.68 82.0 Lg      07:28:45.139 -0.5      T__          ---          6534246      FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.72 112.6 Pg      07:28:36.907  0.0      T__          41.2      --- ML      1.5 6534247      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 0.72 112.6 Lg      07:28:47.337 -0.9      T__          ---          6534248      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH  1.15 94.8 Pn      07:28:45.177  1.2      T__          60.2      --- ML      1.9 6534250      FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH  1.15 94.8 Sn      07:29:00.822 -0.7      T__          ---          6534249      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

```

```

Date      Time      Err      RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/05/04 07:32:46.28  3.60  1.09 48.1843  21.3105  22.0  9.9 132  0.0f      6   4 286  0.12  0.63  sx BUD      17001160      BUD      322

```

Magnitude Err Nsta Author OrigID

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  Ach  L
ABAH  0.12 337.1 Pg      07:32:49.178 -0.1      T__          509.6      --- ML      1.3 6534278      FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH  0.12 337.1 Lg      07:32:51.860 -0.1      T__          ---          6534277      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.53 263.6 Lg      07:33:04.451 -1.6      T__          ---          6534279      FDSN ZJ      00 BUD  iLoc  HHN ??? _
JOS   0.60 301.5 Pg      07:32:59.236  0.9      T__          32.3      --- ML      1.3 6534281      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.60 301.5 Lg      07:33:07.581  0.0      T__          ---          6534280      FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS  0.63 298.8 Lg      07:33:07.953 -0.5      T__          ---          6534282      FDSN SK      -- BUD  iLoc  EHN ??? _

```

```

Date      Time      Err      RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/05/04 10:24:04.73  1.00  0.35 47.3407  18.1795  7.1   3.5 55  3.0f      8   4 168  0.04  0.08  ke BUD      17001162      BUD      255

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.0 4 BUD 17001162

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  Ach  L
MSW2 0.04 150.9 Pg      10:24:06.252  0.2      T__          478.5      _c_ ML      1.1 6534379      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW2 0.04 150.9 Lg      10:24:07.173 -0.2      T__          ---          6534378      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MSW3 0.06 319.5 Pg      10:24:06.498  0.2      T__          348.7      --- ML      1.0 6534383      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW3 0.06 319.5 Lg      10:24:07.263 -0.4      T__          ---          6534382      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CSKK 0.06 67.8 Pg      10:24:06.635  0.3      T__          378.3      --- ML      1.0 6534380      FDSN HU      -- BUD  iLoc  HHZ HHZ _
CSKK 0.06 67.8 Lg      10:24:07.716 -0.2      T__          ---          6534384      FDSN HU      -- BUD  iLoc  HHN ??? _

```

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.08 46.0 Pg 10:24:06.843 0.2 T__ 360.3 _d_ ML 1.1 6534381 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 46.0 Lg 10:24:08.072 -0.4 T__ --- 6534385 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/04 15:22:14.67 1.22 0.16 47.6995 16.0158 5.5 4.7 38 5.1 25.7 8 4 126 0.19 1.39 ke BUD 17001164 BUD 245

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.7 4 BUD 17001164

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.19 89.8 Pg 15:22:18.855 0.1 T__ 48.5 --- ML 0.5 6534439 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.19 89.8 Lg 15:22:21.537 -0.1 T__ --- 6534440 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
CONA 0.25 335.7 Pg 15:22:20.009 0.1 T__ 41.9 --- ML 0.6 6534442 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 335.7 Lg 15:22:23.474 -0.1 T__ --- 6534441 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
ARSA 0.56 216.8 Pg 15:22:25.411 -0.2 T__ 51.3 --- ML 1.5 6534445 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.56 216.8 Lg 15:22:32.861 0.2 T__ --- 6534444 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KRUC 1.39 10.4 Pn 15:22:40.088 -0.0 T__ 36.3 --- ML 1.8 6534443 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.39 10.4 Sn 15:22:58.725 0.0 T__ --- 6534446 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/05 06:45:38.72 1.05 1.16 47.1130 18.0635 6.0 4.2 132 0.0f 11 9 127 0.21 1.03 sx BUD 17001166 BUD 164

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.21 27.9 Pg 06:45:44.013 0.4 T__ 107.4 --- ML 0.9 6536863 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.21 27.9 Lg 06:45:48.207 0.3 T__ --- 6536861 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW3 0.27 8.9 Lg 06:45:50.231 0.3 T__ --- 6536867 FDSN HU -- BUD iLoc HHE ??? _
CSKK 0.28 28.1 Lg 06:45:49.884 -0.5 T__ --- 6536862 FDSN HU -- BUD iLoc HHN ??? _
MSW1 0.31 25.4 Lg 06:45:51.162 -0.1 T__ --- 6536868 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.33 343.4 Lg 06:45:52.059 0.2 T__ --- 6536866 FDSN ZJ 00 BUD iLoc HHE ??? _
MPLH 0.36 279.3 Pg 06:45:47.142 0.6 T__ 88.4 --- ML 1.3 6536865 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.36 279.3 Lg 06:45:51.423 -1.1 T__ --- 6536869 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A338A 0.92 12.1 Lg 06:46:10.160 -2.5 T__ --- 6536870 FDSN Z3 00 BUD iLoc HH3 ??? _

```

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MORH | 0.98 | 155.8 | Lg | 06:46:12.917 | 0.2 | T__ | --- | 6536871 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| KOVH | 1.03 | 178.6 | Lg | 06:46:12.995 | -1.5 | T__ | --- | 6536864 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/05 | 10:47:41.06 | 0.89 | 0.79 | 48.9268 | 19.8685 | 4.5 | 4.2 | 92 | 8.3 | 13.7 | 12 | 8 | 107 | 0.57 | 1.11 | ke | BUD | 17001168 | BUD | | | 211 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.2 | 4 BUD | 17001168 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| NIE | 0.57 | 29.7 | Pg | 10:47:51.519 | -0.4 | | | | | T__ | | 24.9 | | --- | ML | 1.2 | 6537775 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.57 | 29.7 | Lg | 10:48:00.310 | 0.2 | | | | | T__ | | | | --- | | 6537776 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.60 | 137.1 | Lg | 10:48:02.390 | 0.4 | | | | | T__ | | | | --- | | 6537774 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.62 | 133.9 | Pg | 10:47:53.790 | 0.4 | | | | | T__ | | 35.0 | | --- | ML | 1.4 | 6537765 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.62 | 133.9 | Lg | 10:48:03.103 | 0.6 | | | | | T__ | | | | --- | | 6537766 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VVHS | 0.81 | 238.0 | Pg | 10:47:57.007 | -0.4 | | | | | T__ | | 15.2 | | --- | ML | 1.1 | 6537769 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VVHS | 0.81 | 238.0 | Lg | 10:48:09.598 | 1.0 | | | | | T__ | | | | --- | | 6537770 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.92 | 151.3 | Pn | 10:47:59.317 | 0.0 | | | | | T__ | | 35.9 | | --- | ML | 1.6 | 6537767 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.92 | 151.3 | Lg | 10:48:12.504 | -0.0 | | | | | T__ | | | | --- | | 6537768 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.01 | 179.0 | Lg | 10:48:15.538 | -0.4 | | | | | T__ | | | | --- | | 6537771 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 1.05 | 179.9 | Lg | 10:48:15.836 | -0.9 | | | | | T__ | | | | --- | | 6537772 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| A331A | 1.11 | 282.3 | Lg | 10:48:18.295 | 1.4 | | | | | T__ | | | | --- | | 6537773 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|--|
| 2021/05/05 | 11:41:04.57 | 1.07 | 0.75 | 47.9032 | 20.1391 | 8.3 | 3.2 | 153 | 0.0f | | 12 | 7 | 162 | 0.17 | 1.05 | kx | BUD | 17001170 | BUD | | | 212 | | |
| 2021/05/05 | 11:41:04.15 | 0.90 | 0.81 | 47.8650 | 20.1529f | | | | 0.0f | | 12 | 7 | 170 | 0.18 | 1.08 | kx | BUD_GT | 17001171 | BUD_GT | | | 230 | | |
| (locality : Kisnána Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.5 | 0.1 | 5 BUD_GT | 17001171 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 11:41:09.178 | 0.6 | | | | | T__ | | 1000.5 | | --- | ML | 1.8 | 6537808 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 11:41:11.190 | -1.1 | | | | | T__ | | | | --- | | 6537809 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 11:41:08.955 | 0.3 | | | | | T__ | | 520.5 | | --- | ML | 1.5 | 6537811 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 11:41:11.637 | -0.5 | | | | | T__ | | | | --- | | 6537810 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 11:41:12.307 | 0.3 | | | | | T__ | | 158.8 | | --- | ML | 1.5 | 6537812 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |


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HU02A  0.36 44.0 Lg      11:41:16.927 -1.2      T__          ---      6537813    FDSN ZJ      00 BUD  iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A  0.37 276.2 Lg     11:41:19.087  0.8      T__          ---      6537814    FDSN ZJ      00 BUD  iLoc HHE ??? _
HU01A  0.63 214.9 Lg     11:41:28.475  0.8      T__          ---      6537817    FDSN ZJ      00 BUD  iLoc HHE ??? _
JOS    0.68 22.1 Pg      11:41:17.597 -0.2      T__          36.7     --- ML     1.4 6537815    FDSN ZJ      -- BUD  iLoc HHZ HHZ _
JOS    0.68 22.1 Lg     11:41:28.177 -0.1      T__          ---      6537816    FDSN ZJ      -- BUD  iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS   1.08 306.0 Pg     11:41:26.314  0.3      T__          13.2     --- ML     1.2 6537819    FDSN SK      -- BUD  iLoc HHZ HHZ _
VYHS   1.08 306.0 Lg     11:41:40.246 -1.6      T__          ---      6537818    FDSN SK      -- BUD  iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/05/05 14:38:10.19  1.29  0.71 47.7939  16.1485  7.3  3.3  31  7.5  16.4  13  7 165  0.14  1.28  ke BUD      17001172  BUD                187

```

```

Magnitude  Err Nsta Author      OrigID
ML         1.9 0.1   7 BUD      17001172

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
RONA  0.14 133.3 Pg     14:38:13.588  0.1   T__          189.5  _d_ ML     1.0 6537910    FDSN OE      -- BUD  iLoc HHZ HHZ _
RONA  0.14 133.3 Lg     14:38:15.879  0.0   T__          ---    --- ML     1.0 6537911    FDSN OE      -- BUD  iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CONA  0.24 305.0 Pg     14:38:15.134 -0.1   T__          62.6  --- ML     0.8 6537912    FDSN OE      -- BUD  iLoc HHZ HHZ _
CONA  0.24 305.0 Lg     14:38:18.431 -0.3   T__          ---    --- ML     0.8 6537913    FDSN OE      -- BUD  iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
AO04A 0.24 44.6 Pg      14:38:14.985 -0.2   T__          808.2  --- ML     1.9 6537917    FDSN Z3      00 BUD  iLoc HHZ HHZ _
AO04A 0.24 44.6 Lg     14:38:19.492  0.9   T__          ---    --- ML     1.9 6537916    FDSN Z3      00 BUD  iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
SOP    0.30 111.7 Pg     14:38:16.475  0.1   T__          85.3  --- ML     1.1 6537914    FDSN HU      -- BUD  iLoc HHZ HHZ _
SOP    0.30 111.7 Lg     14:38:20.163 -0.5   T__          ---    --- ML     1.1 6537915    FDSN HU      -- BUD  iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
AO13A 0.57 298.7 Pg     14:38:22.249  1.0   T__          225.3  --- ML     2.2 6537918    FDSN Z3      00 BUD  iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
AO08A 0.66 330.1 Pg     14:38:22.752 -0.2   T__          117.3  --- ML     1.9 6537919    FDSN Z3      00 BUD  iLoc HHZ HHZ _
AO08A 0.66 330.1 Lg     14:38:31.972 -0.1   T__          ---    --- ML     1.9 6537920    FDSN Z3      00 BUD  iLoc HH2 ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KRUC   1.28  7.3 Pn      14:38:33.071 -0.8   T__          52.1  --- ML     1.9 6537922    FDSN CZ      -- BUD  iLoc HHZ HHZ _
KRUC   1.28  7.3 Sn      14:38:49.871 -1.3   T__          ---    --- ML     1.9 6537921    FDSN CZ      -- BUD  iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp

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2021/05/05 19:32:55.75 0.78 0.67 47.0858 17.5676 3.0 2.5 147 4.5 11.0 34 19 45 0.09 1.65 ke BUD 17001174 BUD 81

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 17 BUD 17001174

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MPLH 0.09 347.2 Pg 19:32:57.824 -0.1 T__ 1362.5 _c ML 1.7 6538250 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.09 347.2 Lg 19:32:59.752 -0.1 T__ --- 6538251 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TIH 0.29 129.7 Pg 19:33:01.633 -0.1 T__ 600.1 --- ML 1.9 6538256 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A261A 0.32 245.1 Pg 19:33:01.596 -0.7 T__ 404.3 --- ML 1.8 6538253 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.32 245.1 Lg 19:33:07.091 0.1 T__ --- 6538252 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
EGYH 0.37 334.2 Pg 19:33:03.366 0.0 T__ 138.8 --- ML 1.5 6538254 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.37 334.2 Lg 19:33:09.400 0.5 T__ --- 6538255 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU08A 0.42 34.9 Pg 19:33:04.684 0.4 T__ 194.7 --- ML 1.8 6538273 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.42 34.9 Lg 19:33:11.691 0.6 T__ --- 6538259 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A263A 0.48 201.4 Pg 19:33:05.247 -0.2 T__ 201.5 --- ML 1.9 6538257 FDSN Z3 00 BUD iLoc HHZ HHZ _
A263A 0.48 201.4 Lg 19:33:12.753 0.6 T__ --- 6538258 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW3 0.48 51.8 Lg 19:33:12.910 -0.4 T__ --- 6538279 FDSN HU -- BUD iLoc HHE ??? _
MSW2 0.49 63.5 Pg 19:33:05.398 -0.2 T__ 58.7 --- ML 1.4 6538280 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.49 63.5 Lg 19:33:13.373 -0.2 T__ --- 6538282 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
CSKK 0.55 59.3 Pg 19:33:07.333 0.6 T__ 70.9 --- ML 1.7 6538264 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.55 59.3 Lg 19:33:14.981 -0.7 T__ --- 6538274 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW1 0.56 56.6 Pg 19:33:07.073 0.1 T__ 53.9 --- ML 1.5 6538281 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.56 56.6 Lg 19:33:15.146 -1.0 T__ --- 6538283 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A260A 0.62 288.9 Pg 19:33:08.115 -0.0 T__ 142.5 --- ML 2.0 6538261 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.62 288.9 Lg 19:33:17.465 1.0 T__ --- 6538260 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
A267A 0.64 102.2 Pg 19:33:09.419 1.0 T__ 79.0 --- ML 1.8 6538266 FDSN Z3 00 BUD iLoc HHZ HHZ _
A267A 0.64 102.2 Lg 19:33:17.967 -0.6 T__ --- 6538275 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A265A 0.68 166.6 Pn 19:33:11.095 0.4 T__ 208.6 --- ML 2.2 6538265 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.68 166.6 Lg 19:33:19.425 0.7 T__ --- 6538267 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1

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(Station ML: 2.2 magdef=0
A262A 0.75 253.1 Pn 19:33:11.580 -0.2 T__ 139.3 --- ML 2.1 6538262 FDSN Z3 00 BUD iLoc HHZ HHZ _
A262A 0.75 253.1 Sn 19:33:22.196 -1.3 T__ --- 6538263 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU09A 0.78 44.7 Pg 19:33:11.459 0.2 T__ 92.8 --- ML 1.9 6538276 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.78 44.7 Lg 19:33:23.522 -0.3 T__ --- 6538268 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BEHE 0.82 221.8 Sn 19:33:24.491 -1.0 T__ --- 6538269 FDSN HU -- BUD iLoc HHE ??? _
KOVH 1.06 159.6 Pg 19:33:17.152 0.5 T__ 35.9 --- ML 1.6 6538270 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.06 159.6 Sn 19:33:31.383 0.1 T__ --- 6538271 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 1.14 139.2 Pg 19:33:17.789 -0.3 T__ 20.9 --- ML 1.5 6538277 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
VYHS 1.65 30.8 Pg 19:33:26.465 -1.6 T__ 13.0 --- ML 1.5 6538272 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.65 30.8 Sn 19:33:47.564 0.9 T__ --- 6538278 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/06 09:00:18.72 1.31 1.11 47.2254 18.2862 11.1 6.2 78 0.0f 9 6 172 0.09 1.14 sx BUD 17001176 BUD 192

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Magnitude Err Nsta Author OrigID
ML 1.0 0.1 3 BUD 17001176

```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MSW2 0.09 326.3 Pg 09:00:22.049 0.8 T__ 451.6 --- ML 1.2 6538897 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 326.3 Lg 09:00:23.126 -0.6 T__ --- 6538898 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.14 352.8 Pg 09:00:22.987 0.8 T__ 208.5 --- ML 1.0 6538902 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.14 352.8 Lg 09:00:24.620 -0.7 T__ --- 6538901 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.17 353.7 Pg 09:00:23.300 0.6 T__ 154.9 --- ML 1.0 6538903 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.17 353.7 Lg 09:00:25.141 -1.2 T__ --- 6538904 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW3 0.19 325.4 Lg 09:00:25.732 -1.3 T__ --- 6538905 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.04 166.2 Lg 09:00:53.387 -1.2 T__ --- 6538899 FDSN HU -- BUD iLoc HHE ??? _
KOVH 1.14 186.5 Sn 09:00:57.764 -0.3 T__ --- 6538900 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/06 10:42:47.15 1.00 0.84 47.3688 18.3767 6.7 4.2 153 0.0f 16 10 95 0.08 1.30 sx BUD 17001178 BUD 134

```

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 6 BUD 17001178

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.08 | 265.9 | Pg | 10:42:49.688 | 0.3 | | | | | T__ | | 2071.9 | | ___ | ML | 1.8 | 6539027 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.08 | 265.9 | Lg | 10:42:50.508 | -1.2 | | | | | T__ | | | | --- | | 6539028 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 286.8 | Pg | 10:42:50.329 | 0.9 | | | | | T__ | | 2956.1 | | ___ | ML | 2.0 | 6539039 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 286.8 | Lg | 10:42:51.320 | -0.5 | | | | | T__ | | | | --- | | 6539040 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.13 | 239.5 | Pg | 10:42:51.178 | 0.8 | | | | | T__ | | 258.7 | | ___ | ML | 1.1 | 6539042 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.13 | 239.5 | Lg | 10:42:52.452 | -1.0 | | | | | T__ | | | | --- | | 6539041 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.31 | 281.7 | Lg | 10:42:58.852 | -0.7 | | | | | T__ | | | | --- | | 6539029 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| BUD | 0.45 | 75.1 | Lg | 10:43:03.695 | -0.9 | | | | | T__ | | | | --- | | 6539030 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 1.13 | 62.7 | Pn | 10:43:09.864 | 0.7 | | | | | T__ | | 23.2 | | ___ | ML | 1.5 | 6539038 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.13 | 62.7 | Sn | 10:43:26.106 | -0.5 | | | | | T__ | | | | --- | | 6539037 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.16 | 61.3 | Pn | 10:43:09.655 | -0.1 | | | | | T__ | | 57.4 | | ___ | ML | 1.9 | 6539033 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.16 | 61.3 | Sn | 10:43:26.940 | -0.9 | | | | | T__ | | | | --- | | 6539032 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.17 | 15.2 | Pn | 10:43:10.549 | 0.7 | | | | | T__ | | 14.7 | | ___ | ML | 1.3 | 6539034 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.17 | 15.2 | Lg | 10:43:27.014 | -0.8 | | | | | T__ | | | | --- | | 6539035 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.17 | 170.9 | Sn | 10:43:26.046 | -1.1 | | | | | T__ | | | | --- | | 6539031 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.30 | 188.6 | Sn | 10:43:30.218 | -0.0 | | | | | T__ | | | | --- | | 6539036 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/08 | 10:03:34.24 | 0.93 | 0.96 | 46.1191 | 17.0452 | 5.8 | 3.8 | 179 | 5.0f | | 15 | 10 | 144 | 0.17 | 1.15 | ke | BUD | 17001182 | BUD | | | 162 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.1 | 5 BUD | 17001182 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A264A | 0.17 | 76.5 | Pg | 10:03:36.947 | -1.2 | | | | | T__ | | 220.1 | | _c_ | ML | 1.1 | 6543297 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.17 | 76.5 | Lg | 10:03:40.486 | -0.4 | | | | | T__ | | | | --- | | 6543303 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.55 | 19.6 | Pg | 10:03:45.384 | -0.0 | | | | | T__ | | 311.1 | | ___ | ML | 2.3 | 6543299 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.55 | 19.6 | Lg | 10:03:54.101 | 1.0 | | | | | T__ | | | | --- | | 6543300 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.57 | 110.4 | Pg | 10:03:45.925 | 0.1 | | | | | T__ | | 173.1 | | ___ | ML | 2.1 | 6543304 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.57 | 110.4 | Lg | 10:03:55.498 | 2.1 | | | | | T__ | | | | --- | | 6543298 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.60 | 59.3 | Lg | 10:03:56.250 | 1.5 | | | | | T__ | | | | --- | | 6543309 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| KOGS | 0.64 | 301.1 | Lg | 10:03:55.505 | 0.3 | | | | | T__ | | | | --- | | 6543310 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|--|--|--|--|--|--|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| KOVH | 0.73 | 92.0 | Lg | 10:03:58.814 | -0.1 | T__ | | | | | | | | 6543305 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| PTJ | 0.78 | 254.6 | Pg | 10:03:49.631 | -0.1 | T__ | 72.1 | | | | | | | --- | ML | 1.8 | 6543301 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.78 | 254.6 | Lg | 10:03:59.677 | -1.1 | T__ | | | | | | | | --- | | 6543311 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A261A | 0.84 | 4.9 | Lg | 10:04:02.427 | 0.2 | T__ | | | | | | | | --- | | 6543306 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| A266A | 0.94 | 63.9 | Lg | 10:04:05.780 | 0.4 | T__ | | | | | | | | --- | | 6543307 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| CRES | 1.15 | 255.7 | Pg | 10:03:55.882 | 0.0 | T__ | 55.3 | | | | | | | --- | ML | 1.9 | 6543308 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 1.15 | 255.7 | Sn | 10:04:12.206 | -0.0 | T__ | | | | | | | | --- | | 6543302 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/08 | 18:34:21.31 | 1.23 | 0.25 | 47.7662 | 16.1979 | 7.8 | 3.7 | 29 | 8.8 | 11.7 | 10 | 6 | 139 | 0.09 | 0.71 | ke | BUD | 17001188 | BUD | | | 166 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.7 | 0.3 | 4 BUD | 17001188 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------|---------|---------|------|------|-----|------|------|-----|-----|---|
| RONA | 0.09 | 135.0 | Pg | 18:34:24.072 | 0.0 | | | | | T__ | | 47.3 | | | --- | ML | 0.2 | 6543519 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.09 | 135.0 | Lg | 18:34:25.823 | -0.2 | | | | | T__ | | | | | --- | | 6543520 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.26 | 108.7 | Pg | 18:34:26.866 | 0.1 | | | | | T__ | | 43.4 | | | --- | ML | 0.7 | 6543523 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.26 | 108.7 | Lg | 18:34:30.522 | -0.0 | | | | | T__ | | | | | --- | | 6543527 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.28 | 305.7 | Pg | 18:34:27.164 | -0.1 | | | | | T__ | | 40.2 | | | --- | ML | 0.7 | 6543522 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.28 | 305.7 | Lg | 18:34:31.746 | 0.4 | | | | | T__ | | | | | --- | | 6543521 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.61 | 299.5 | Pg | 18:34:33.199 | -0.0 | | | | | T__ | | 55.8 | | | --- | ML | 1.6 | 6543524 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.61 | 299.5 | Lg | 18:34:41.320 | 0.1 | | | | | T__ | | | | | --- | | 6543525 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.69 | 221.8 | Lg | 18:34:43.406 | -0.1 | | | | | T__ | | | | | --- | | 6543526 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A008A | 0.71 | 328.9 | Lg | 18:34:44.249 | -0.3 | | | | | T__ | | | | | --- | | 6543528 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/10 | 07:30:57.80 | 1.10 | 1.07 | 47.0720 | 18.0468 | 6.3 | 4.4 | 74 | 0.0f | | 9 | 8 | 108 | 0.26 | 0.98 | sx | BUD | 17001194 | BUD | | | 169 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| MSW2 | 0.26 | 25.9 | Lg | 07:31:08.038 | -0.4 | | | | | T__ | | | | | --- | | 6544500 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| A267A | 0.32 | 112.7 | Lg | 07:31:09.647 | -0.9 | | | | | T__ | | | | | --- | | 6544493 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| CSKK | 0.33 | 26.5 | Lg | 07:31:10.392 | -0.5 | | | | | T__ | | | | | --- | | 6544494 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MSW1 | 0.35 | 24.2 | Lg | 07:31:11.370 | -0.4 | | | | | T__ | | | | | --- | | 6544501 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MPLH | 0.36 | 286.0 | Lg | 07:31:10.877 | -0.7 | | | | | T__ | | | | | --- | | 6544495 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| HU08A | 0.37 | 346.9 | Lg | 07:31:11.659 | -0.5 | | | | | T__ | | | | | --- | | 6544496 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MORH | 0.95 | 154.2 | Pg | 07:31:17.961 | 1.2 | T__ | 22.3 | ___ | ML | 1.4 | 6544499 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.95 | 154.2 | Lg | 07:31:29.447 | -1.3 | T__ | | --- | | | 6544497 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.98 | 177.8 | Lg | 07:31:30.937 | -1.3 | T__ | | --- | | | 6544498 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/10 | 09:56:41.92 | 1.02 | 0.57 | 47.3193 | 18.2169 | 7.7 | 2.8 | 102 | 0.0f | | 7 | 5 | 159 | 0.02 | 0.23 | sx | BUD | 17001196 | BUD | | | 265 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.02 | 193.6 | Pg | 09:56:42.876 | 0.2 | | | | | T__ | | 404.7 | | ___ | ML | 1.0 | 6544638 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.02 | 193.6 | Lg | 09:56:43.675 | -0.1 | | | | | T__ | | | | --- | | 6544637 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.05 | 34.0 | Pg | 09:56:43.987 | 0.3 | | | | | T__ | | 263.4 | | ___ | ML | 0.9 | 6544639 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.05 | 34.0 | Lg | 09:56:45.342 | -0.2 | | | | | T__ | | | | --- | | 6544640 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 21.2 | Lg | 09:56:45.551 | -0.9 | | | | | T__ | | | | --- | | 6544641 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MSW3 | 0.09 | 316.0 | Lg | 09:56:46.871 | 0.2 | | | | | T__ | | | | --- | | 6544642 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.23 | 299.5 | Lg | 09:56:50.901 | -0.5 | | | | | T__ | | | | --- | | 6544643 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/10 | 10:00:21.55 | 1.20 | 1.11 | 48.1276 | 16.9779 | 12.4 | 5.2 | 136 | 0.0f | | 6 | 5 | 188 | 0.32 | 1.01 | sx | BUD | 17001198 | BUD | | | 216 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.32 | 39.0 | Pg | 10:00:28.903 | 0.4 | | | | | T__ | | | | --- | | 6544661 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.32 | 39.0 | Lg | 10:00:33.001 | -1.0 | | | | | T__ | | | | --- | | 6544662 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.63 | 227.2 | Lg | 10:00:41.718 | -0.8 | | | | | T__ | | | | --- | | 6544663 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 0.78 | 255.5 | Lg | 10:00:47.231 | 0.1 | | | | | T__ | | | | --- | | 6544664 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| JAVC | 0.87 | 31.9 | Pn | 10:00:41.867 | 1.2 | | | | | T__ | | 53.3 | | ___ | ML | 1.7 | 6544665 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.01 | 337.7 | Lg | 10:00:55.427 | -0.5 | | | | | T__ | | | | --- | | 6544666 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/10 | 13:51:52.16 | 1.25 | 0.91 | 47.6114 | 16.3960 | 8.9 | 5.2 | 168 | 0.0f | | 11 | 6 | 182 | 0.11 | 0.90 | sx | BUD | 17001200 | BUD | | | 276 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 5 BUD | 17001200 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 322.7 | Pg | 13:51:54.061 | -0.7 | | | | | T__ | | 1348.0 | | _c_ | ML | 1.7 | 6544741 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 322.7 | Lg | 13:51:56.110 | -0.6 | | | | | T__ | | | | --- | | 6544742 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.7 magdef=1
SOP 0.13 56.7 Pg 13:51:55.103 -0.1 T__ 212.0 ___ ML 1.0 6544748 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.13 56.7 Lg 13:51:58.419 1.0 T__ ___ 6544745 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
CONA 0.48 311.5 Pg 13:52:01.697 -0.1 T__ 94.9 ___ ML 1.6 6544744 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.48 311.5 Lg 13:52:07.956 -0.3 T__ ___ 6544743 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ARSA 0.69 239.0 Lg 13:52:13.469 -0.9 T__ ___ 6544747 FDSN OE -- BUD iLoc HHN ??? _
AO13A 0.81 304.5 Pg 13:52:07.992 0.3 T__ 131.4 ___ ML 2.1 6544749 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO13A 0.81 304.5 Lg 13:52:18.833 0.7 T__ ___ 6544746 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
AO18A 0.90 278.9 Pg 13:52:10.674 1.0 T__ 206.5 ___ ML 2.3 6544750 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO18A 0.90 278.9 Lg 13:52:22.446 1.5 T__ ___ 6544751 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/11 00:39:50.54 1.24 0.46 45.6953 21.3360 14.8 4.8 135 15.7 20.9 7 4 177 0.21 1.06 ke BUD 17001204 BUD 269

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 1.0 3 BUD 17001204

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BZS 0.21 111.7 Pg 00:39:55.562 -0.0 T__ 35.9 ___ ML 0.4 6544995 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.21 111.7 Lg 00:39:59.064 -0.2 T__ ___ 6544996 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
BANR 0.34 204.3 Pg 00:39:57.425 -0.3 T__ 1260.2 ___ ML 2.4 6544998 FDSN RO -- BUD iLoc HHZ HHZ _
BANR 0.34 204.3 Lg 00:40:03.683 0.6 T__ ___ 6544997 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
SIRR 0.62 21.4 Pn 00:40:03.764 0.2 T__ 17.9 ___ ML 1.1 6544999 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.62 21.4 Lg 00:40:11.804 0.1 T__ ___ 6544994 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
GZR 1.06 106.1 Sn 00:40:25.445 0.4 T__ ___ 6545000 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/11 07:53:52.29 1.30 0.45 47.9292 20.0776 12.4 3.3 150 0.0f 9 6 193 0.12 1.00 sx BUD 17001208 BUD 221

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD 17001208

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.12 265.0 Pg 07:53:55.918 0.3 T__ 744.2 _c_ ML 1.5 6545094 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.12 265.0 Lg 07:53:58.227 -0.2 T__ ___ 6545095 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1

```

```

(Station ML: 1.5 magdef=1
ET1H 0.15 250.2 Pg 07:53:55.918 0.0 T__ 551.8 --- ML 1.5 6545096 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.15 250.2 Lg 07:53:58.512 -0.3 T__ --- 6545098 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.36 57.1 Pg 07:53:59.978 -0.1 T__ 106.7 --- ML 1.3 6545097 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.62 26.1 Lg 07:54:14.475 0.3 T__ --- 6545099 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.65 28.4 Pg 07:54:05.851 0.6 T__ 51.7 --- ML 1.6 6545101 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.65 28.4 Lg 07:54:14.735 -0.4 T__ --- 6545100 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 1.00 304.7 Lg 07:54:26.619 -0.6 T__ --- 6545102 FDSN SK -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/05/11 | 08:25:57.73 | 1.07 | 1.03 | 47.3631 | 18.3870 | 5.7 | 3.4 | 123 | 0.0f | 15 | 11 | 108 | 0.09 | 1.17 | sx | BUD | 17001210 | BUD | | | | 110 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 4 BUD | 17001210 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 270.1 | Pg | 08:26:00.837 | 0.7 | | | | | T__ | | 2414.2 | | --- | ML | 1.9 | 6545176 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 270.1 | Lg | 08:26:02.104 | -0.4 | | | | | T__ | | | | --- | | 6545177 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.09 | 289.0 | Lg | 08:26:02.101 | -0.6 | | | | | T__ | | | | --- | | 6545185 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.13 | 243.1 | Pg | 08:26:01.777 | 0.7 | | | | | T__ | 451.0 | | | --- | ML | 1.3 | 6545187 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.13 | 243.1 | Lg | 08:26:03.378 | -0.7 | | | | | T__ | | | | --- | | 6545186 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.18 | 276.5 | Pg | 08:26:02.658 | 0.8 | | | | | T__ | 590.5 | | | --- | ML | 1.6 | 6545188 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.18 | 276.5 | Lg | 08:26:04.793 | -0.8 | | | | | T__ | | | | --- | | 6545189 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.28 | 359.4 | Pg | 08:26:04.677 | 0.9 | | | | | T__ | 447.4 | | | --- | ML | 1.7 | 6545190 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.28 | 359.4 | Lg | 08:26:07.766 | -1.2 | | | | | T__ | | | | --- | | 6545178 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.32 | 282.4 | Lg | 08:26:09.033 | -1.4 | | | | | T__ | | | | --- | | 6545179 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| A267A | 0.42 | 171.1 | Lg | 08:26:12.758 | -1.0 | | | | | T__ | | | | --- | | 6545180 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 1.13 | 62.2 | Sn | 08:26:35.779 | -1.3 | | | | | T__ | | | | --- | | 6545181 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.16 | 60.9 | Sn | 08:26:37.269 | -1.1 | | | | | T__ | | | | --- | | 6545182 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.16 | 171.2 | Sn | 08:26:37.344 | -0.2 | | | | | T__ | | | | --- | | 6545184 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.17 | 14.8 | Lg | 08:26:37.344 | -1.2 | | | | | T__ | | | | --- | | 6545183 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/05/11 | 08:55:31.89 | 0.99 | 0.33 | 46.1175 | 18.0599 | 5.7 | 3.7 | 129 | 0.0f | 8 | 4 | 158 | 0.04 | 0.43 | kx | BUD | 17001212 | BUD | | | | 242 |
| 2021/05/11 | 08:55:31.67 | 0.95 | 0.55 | 46.1204 | 18.0243f | | | | 0.0f | 8 | 4 | 166 | 0.06 | 0.44 | kx | BUD_GT | 17001213 | BUD_GT | | | | 260 |

(locality : Bükkösd Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.7 0.2 4 BUD_GT 17001213

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.06 | 121.4 | Pg | 08:55:33.316 | -0.3 | | | | | T__ | | 1422.2 | | _c_ | ML | 1.6 | 6545244 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.06 | 121.4 | Lg | 08:55:34.880 | -0.6 | | | | | T__ | | | | --- | | 6545245 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.25 | 215.5 | Pg | 08:55:37.488 | 0.3 | | | | | T__ | | 567.0 | | --- | ML | 1.7 | 6545246 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.25 | 215.5 | Lg | 08:55:42.331 | 1.2 | | | | | T__ | | | | --- | | 6545247 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.44 | 22.3 | Pg | 08:55:41.027 | 0.1 | | | | | T__ | | 272.3 | | --- | ML | 2.0 | 6545249 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A266A | 0.44 | 22.3 | Lg | 08:55:47.844 | -0.2 | | | | | T__ | | | | --- | | 6545248 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.44 | 77.4 | Pg | 08:55:40.617 | -0.3 | | | | | T__ | | 39.1 | | --- | ML | 1.1 | 6545251 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.44 | 77.4 | Lg | 08:55:47.844 | -0.2 | | | | | T__ | | | | --- | | 6545250 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/05/11 10:12:36.93 1.48 1.01 47.5584 18.3832 17.4 3.8 108 4.4 22.0 10 6 185 0.08 0.98 ke BUD 17001214 BUD 203

Magnitude Err Nsta Author OrigID
 ML 1.3 0.2 5 BUD 17001214

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.08 | 359.6 | Pg | 10:12:39.459 | 0.5 | | | | | T__ | | 1083.3 | | --- | ML | 1.6 | 6545333 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.08 | 359.6 | Lg | 10:12:40.154 | -0.6 | | | | | T__ | | | | --- | | 6545334 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.19 | 207.0 | Pg | 10:12:41.203 | 0.2 | | | | | T__ | | 277.4 | | --- | ML | 1.3 | 6545341 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.19 | 207.0 | Lg | 10:12:45.191 | 0.7 | | | | | T__ | | | | --- | | 6545335 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.21 | 203.1 | Pg | 10:12:41.891 | 0.4 | | | | | T__ | | 314.6 | | --- | ML | 1.4 | 6545336 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.21 | 203.1 | Lg | 10:12:43.948 | -1.4 | | | | | T__ | | | | --- | | 6545338 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.25 | 224.9 | Pg | 10:12:42.489 | 0.4 | | | | | T__ | | 122.6 | | --- | ML | 1.1 | 6545339 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.28 | 204.6 | Pg | 10:12:43.558 | 0.8 | | | | | T__ | | 56.0 | | --- | ML | 0.8 | 6545337 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.28 | 204.6 | Lg | 10:12:46.588 | -1.1 | | | | | T__ | | | | --- | | 6545340 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.98 | 17.8 | Lg | 10:13:10.005 | -0.9 | | | | | T__ | | | | --- | | 6545342 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/05/11 | 13:27:29.73 | 1.91 | 0.54 | 47.8917 | 20.1459 | 21.0 | 3.7 | 157 | 0.0f | 8 | 4 | 218 | 0.17 | 0.66 | sx | BUD | 17001216 | BUD | | | | 242 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 4 BUD | 17001216 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.17 | 279.1 | Pg | 13:27:34.439 | 0.4 | | | | | T__ | | 476.7 | | ___ | ML | 1.5 | 6545427 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.17 | 279.1 | Lg | 13:27:36.749 | -0.7 | | | | | T__ | | | | --- | | 6545428 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 266.2 | Pg | 13:27:34.402 | 0.3 | | | | | T__ | | 409.0 | | ___ | ML | 1.4 | 6545430 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 266.2 | Lg | 13:27:36.823 | -0.7 | | | | | T__ | | | | --- | | 6545429 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.34 | 47.7 | Pg | 13:27:37.301 | 0.0 | | | | | T__ | | 74.6 | | ___ | ML | 1.1 | 6545424 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.34 | 47.7 | Lg | 13:27:42.963 | -0.2 | | | | | T__ | | | | --- | | 6545425 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.66 | 23.4 | Pg | 13:27:43.261 | 0.3 | | | | | T__ | | 44.7 | | ___ | ML | 1.5 | 6545426 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.66 | 23.4 | Lg | 13:27:53.102 | 0.1 | | | | | T__ | | | | --- | | 6545431 | FDSN | ZJ | -- | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/05/13 | 21:06:51.78 | 1.44 | 0.56 | 47.4005 | 18.1771 | 6.1 | 3.2 | 11 | 7.2 | 7.9 | 10 | 5 | 177 | 0.04 | 0.17 | ke | BUD | 17001220 | BUD | | | | 214 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.2 | 5 BUD | 17001220 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW3 | 0.04 | 243.3 | Pg | 21:06:53.968 | 0.5 | | | | | T__ | | 674.4 | | _d | ML | 1.2 | 6557061 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.04 | 243.3 | Lg | 21:06:54.697 | -0.4 | | | | | T__ | | | | --- | | 6557062 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.06 | 97.8 | Pg | 21:06:54.102 | 0.3 | | | | | T__ | | 470.3 | | _d | ML | 1.1 | 6557065 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.06 | 97.8 | Lg | 21:06:54.975 | -0.6 | | | | | T__ | | | | --- | | 6557063 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.07 | 123.4 | Pg | 21:06:54.430 | 0.5 | | | | | T__ | | 134.0 | | ___ | ML | 0.6 | 6557066 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.07 | 123.4 | Lg | 21:06:55.322 | -0.6 | | | | | T__ | | | | --- | | 6557067 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.10 | 166.8 | Pg | 21:06:54.726 | 0.3 | | | | | T__ | | 250.5 | | ___ | ML | 1.0 | 6557068 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.10 | 166.8 | Lg | 21:06:56.395 | -0.4 | | | | | T__ | | | | --- | | 6557069 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.17 | 280.2 | Pg | 21:06:55.934 | 0.2 | | | | | T__ | | 48.1 | | ___ | ML | 0.5 | 6557070 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.17 | 280.2 | Lg | 21:06:58.601 | -0.4 | | | | | T__ | | | | --- | | 6557064 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/05/14 | 18:18:49.80 | 3.22 | 0.67 | 48.4509 | 17.6598 | 18.6 | 14.5 | 69 | 7.0f | 10 | 5 | 325 | 0.27 | 1.31 | ke | BUD | 17001226 | BUD | | | | 337 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 3 BUD | 17001226 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|------|-----|------|-----------|---------|------|--------|-----|------|------|-----|-----|---|
| MODS | 0.27 | 253.3 | Pg | 18:18:55.425 | -0.1 | | | | | T__ | | | | | 6563319 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.27 | 253.3 | Lg | 18:18:59.858 | -0.2 | | | | | T__ | | | | | 6563320 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ZST | 0.45 | 235.8 | Pg | 18:18:59.038 | 0.0 | | | | | T__ | | | | | 6563322 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.45 | 235.8 | Lg | 18:19:05.669 | -0.3 | | | | | T__ | | | | | 6563321 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A005B | 0.97 | 265.9 | Pg | 18:19:08.240 | -0.4 | | | | | T__ | 111.1 | | | ML | 2.1 | 6563323 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.97 | 265.9 | Lg | 18:19:23.066 | 0.8 | | | | | T__ | | | | | 6563324 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.18 | 231.1 | Pn | 18:19:13.529 | 1.4 | | | | | T__ | | 33.8 | | ML | 1.7 | 6563325 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.18 | 231.1 | Sn | 18:19:29.100 | 0.3 | | | | | T__ | | | | | 6563326 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.31 | 247.2 | Pn | 18:19:13.604 | -0.5 | | | | | T__ | | 35.2 | | ML | 1.8 | 6563328 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.31 | 247.2 | Sn | 18:19:32.230 | 0.1 | | | | | T__ | | | | | 6563327 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/05/15 | 08:29:25.71 | 1.02 | 0.51 | 46.1510 | 18.3078 | 6.6 | 3.6 | 152 | 0.0f | 6 | 3 | 172 | 0.16 | 0.38 | kx | BUD | 17001228 | BUD | | | | 280 |
| 2021/05/15 | 08:29:25.85 | 0.98 | 0.50 | 46.1765 | 18.2926f | | | | 0.0f | 6 | 3 | 155 | 0.16 | 0.35 | kx | BUD_GT | 17001229 | BUD_GT | | | | 275 |

(locality : Komló Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.5 | 0.2 | 3 BUD_GT | 17001229 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|--------|-----------|---------|------|--------|-----|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 08:29:29.700 | -0.0 | | | | | T__ | | 536.0 | | _c_ ML | 1.5 | 6564249 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 08:29:32.307 | -0.5 | | | | | T__ | | | | | 6564250 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 08:29:31.339 | -0.0 | | | | | T__ | | 226.6 | | ML | 1.3 | 6564252 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 08:29:35.064 | -0.7 | | | | | T__ | | | | | 6564251 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Pg | 08:29:34.096 | 0.7 | | | | | T__ | | 264.4 | | ML | 1.7 | 6564253 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A266A | 0.35 | 356.8 | Lg | 08:29:39.385 | 0.1 | | | | | T__ | | | | | 6564254 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/05/15 | 18:19:49.87 | 1.06 | 1.17 | 45.5642 | 16.0479 | 7.2 | 4.8 | 48 | 5.0f | 22 | 14 | 167 | 0.27 | 1.93 | ke | BUD | 17001234 | BUD | | | | 229 |

Magnitude Err Nsta Author OrigID
 ML 2.2 0.3 8 BUD 17001234

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| ZAG | 0.27 | 350.8 | Pg | 18:19:55.115 | -0.2 | | | | | T__ | | 2924.1 | | --- | ML | 2.5 6564750 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.27 | 350.8 | Lg | 18:19:59.250 | 0.1 | | | | | T__ | | | | --- | | 6564751 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.35 | 350.8 | Pg | 18:19:55.935 | -1.2 | | | | | T__ | | 401.6 | | --- | ML | 1.9 6564753 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.35 | 350.8 | Lg | 18:20:00.815 | -1.6 | | | | | T__ | | | | --- | | 6564752 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.49 | 302.5 | Pg | 18:19:59.506 | 0.1 | | | | | T__ | | 140.8 | | _c_ | ML | 1.8 6564761 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.49 | 302.5 | Lg | 18:20:07.185 | 0.5 | | | | | T__ | | | | --- | | 6564754 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.90 | 9.0 | Pg | 18:20:07.739 | 0.5 | | | | | T__ | | 180.8 | | _c_ | ML | 2.3 6564762 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.90 | 9.0 | Lg | 18:20:20.596 | 1.7 | | | | | T__ | | | | --- | | 6564755 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.04 | 29.0 | Pg | 18:20:10.458 | 0.5 | | | | | T__ | | 699.0 | | _c_ | ML | 2.9 6564763 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 1.04 | 29.0 | Lg | 18:20:25.177 | 1.3 | | | | | T__ | | | | --- | | 6564757 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 1.05 | 55.1 | Lg | 18:20:24.800 | 0.2 | | | | | T__ | | | | --- | | 6564764 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| BLY | 1.14 | 135.0 | Pg | 18:20:10.873 | -0.5 | | | | | T__ | | 206.2 | | --- | ML | 2.5 6564756 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 1.14 | 135.0 | Lg | 18:20:26.439 | -0.6 | | | | | T__ | | | | --- | | 6564765 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 1.29 | 73.5 | Sn | 18:20:31.622 | 0.4 | | | | | T__ | | | | --- | | 6564758 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A263A | 1.39 | 38.9 | Sn | 18:20:34.783 | 1.1 | | | | | T__ | | | | --- | | 6564766 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| OBKA | 1.41 | 312.7 | Pg | 18:20:16.423 | 0.5 | | | | | T__ | | 77.2 | | --- | ML | 2.2 6564759 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.41 | 312.7 | Sn | 18:20:35.752 | 0.3 | | | | | T__ | | | | --- | | 6564767 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 1.49 | 54.1 | Lg | 18:20:37.731 | -0.4 | | | | | T__ | | | | --- | | 6564760 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| KOVH | 1.53 | 69.2 | Sn | 18:20:37.577 | 0.4 | | | | | T__ | | | | --- | | 6564768 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| ARSA | 1.73 | 348.0 | Sn | 18:20:44.022 | 1.9 | | | | | T__ | | | | --- | | 6564769 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| MORH | 1.93 | 69.3 | Pn | 18:20:24.129 | 1.7 | | | | | T__ | | 30.2 | | --- | ML | 2.1 6564771 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.93 | 69.3 | Sn | 18:20:49.386 | 2.6 | | | | | T__ | | | | --- | | 6564770 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/05/16 05:40:31.41 1.04 0.58 46.6283 22.5149 13.1 5.6 133 5.6 12.8 11 7 132 0.21 1.50 ke BUD 17001240 BUD 172

Magnitude Err Nsta Author OrigID
 ML 1.6 0.0 5 BUD 17001240

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| DRGR | 0.21 | 39.5 | Pg | 05:40:36.283 | 0.3 | | | | | T__ | | 553.4 | | _d_ | ML | 1.6 6567137 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |

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DRGR  0.21 39.5 Lg      05:40:39.077 -0.8      T__          ---          6567138      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
SIRR  0.69 238.9 Pg     05:40:45.503  0.1      T__          54.9      --- ML      1.6 6567143      FDSN RO      -- BUD  iLoc  HHZ HHZ _
SIRR  0.69 238.9 Lg     05:40:54.595 -0.8      T__          ---          6567144      FDSN RO      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU24A 0.97 287.3 Pn     05:40:51.016  0.7      T__          136.4     --- ML      2.2 6567139      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU24A 0.97 287.3 Lg     05:41:04.650  0.2      T__          ---          6567140      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
BZS   1.19 212.0 Pn     05:40:54.108  0.5      T__          21.2     --- ML      1.5 6567142      FDSN RO      -- BUD  iLoc  HHZ HHZ _
BZS   1.19 212.0 Lg     05:41:09.940 -0.2     T__          ---          6567141      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
BMR   1.24 32.3 Lg      05:41:12.476 -0.3     T__          ---          6567146      FDSN RO      -- BUD  iLoc  HHE ??? _
GZR   1.25 171.5 Lg     05:41:12.029 -0.3     T__          ---          6567145      FDSN RO      -- BUD  iLoc  HHE ??? _
TRPA  1.50  0.6 Pg      05:41:00.183 -0.1     T__          47.8     --- ML      2.0 6567147      FDSN HU      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/05/17 06:01:57.19  0.93  0.84  47.2685  17.6349  4.8  3.1 150  0.0f  10  6 128  0.12  0.44  sx BUD  17001246  BUD  221

```

```

Magnitude  Err Nsta Author  OrigID
ML  1.3 0.0  5 BUD  17001246

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
MPLH 0.12 213.5 Pg     06:02:00.439  0.2      T__          282.3     --- ML      1.1 6574468      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MPLH 0.12 213.5 Lg     06:02:02.823 -0.1     T__          ---          6574469      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
EGYH 0.25 305.9 Pg     06:02:03.178  0.3      T__          644.3     --- ML      1.8 6574466      FDSN HU      -- BUD  iLoc  HHZ HHZ _
EGYH 0.25 305.9 Lg     06:02:07.276 -0.2     T__          ---          6574465      FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU08A 0.26 50.2 Pg     06:02:03.419  0.6      T__          261.3     --- ML      1.4 6574470      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU08A 0.26 50.2 Lg     06:02:06.605 -1.0     T__          ---          6574464      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW3 0.35 70.9 Pg     06:02:05.435  0.7      T__          109.3     --- ML      1.3 6574472      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW3 0.35 70.9 Lg     06:02:09.863 -1.2     T__          ---          6574471      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MSW2 0.39 84.9 Pg     06:02:06.180  0.7      T__          81.7     --- ML      1.3 6574473      FDSN HU      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CSKK 0.44 77.2 Lg     06:02:13.013 -1.0     T__          ---          6574467      FDSN HU      -- BUD  iLoc  HHN ??? _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp

```

2021/05/17 07:19:52.41 1.05 0.84 48.2257 21.2111 7.0 3.9 157 0.0f 14 8 153 0.07 1.00 kx BUD 17001248 BUD 204
 2021/05/17 07:19:52.25 0.90 0.83 48.2470 21.2460f 0.0f 14 8 151 0.05 0.99 kx BUD_GT 17001249 BUD_GT 204
 (locality : Tallya Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.9 0.2 7 BUD_GT 17001249

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 07:19:54.422 | 0.6 | | | | | T__ | | 9743.7 | | _c_ | ML | 2.4 6574512 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 07:19:55.247 | -0.2 | | | | | T__ | | | | --- | | 6574517 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 07:20:02.325 | -0.5 | | | | | T__ | | 86.9 | | --- | ML | 1.6 6574518 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 07:20:08.732 | -2.2 | | | | | T__ | | | | --- | | 6574519 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 07:20:03.623 | 0.7 | | | | | T__ | | 102.5 | | --- | ML | 1.8 6574513 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 07:20:10.520 | -0.6 | | | | | T__ | | | | --- | | 6574520 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 07:20:04.331 | 0.8 | | | | | T__ | | 204.1 | | --- | ML | 2.1 6574514 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 07:20:11.191 | -0.9 | | | | | T__ | | | | --- | | 6574521 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Pg | 07:20:09.999 | 0.7 | | | | | T__ | | 104.3 | | --- | ML | 2.0 6574522 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 07:20:12.308 | 0.2 | | | | | T__ | | 72.5 | | --- | ML | 1.9 6574523 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 07:20:12.532 | 0.4 | | | | | T__ | | | | --- | | 6574524 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KOLS | 0.97 | 44.4 | Lg | 07:20:27.060 | 0.5 | | | | | T__ | | | | --- | | 6574525 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| ET1H | 0.99 | 248.7 | Pg | 07:20:12.824 | -0.2 | | | | | T__ | | 42.5 | | --- | ML | 1.7 6574516 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 07:20:27.054 | -0.5 | | | | | T__ | | | | --- | | 6574515 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/05/18 08:26:49.56 0.90 1.06 47.0901 18.0107 6.3 2.8 107 0.0f 15 11 120 0.21 1.00 sx BUD 17001250 BUD 147

Magnitude Err Nsta Author OrigID
 ML 1.8 0.2 4 BUD 17001250

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| TIH | 0.21 | 203.0 | Pg | 08:26:54.072 | -0.2 | | | | | T__ | | 1576.8 | | --- | ML | 2.1 6576936 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 0.21 | 203.0 | Lg | 08:26:58.468 | 0.4 | | | | | T__ | | | | --- | | 6576937 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.25 | 32.7 | Lg | 08:26:59.107 | -1.0 | | | | | T__ | | | | --- | | 6576946 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MSW3 | 0.30 | 15.0 | Pg | 08:26:57.230 | 1.1 | | | | | T__ | | 329.8 | | --- | ML | 1.7 6576947 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.30 | 15.0 | Lg | 08:27:00.894 | -0.9 | | | | | T__ | | | | --- | | 6576948 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CSKK 0.32 31.8 Lg 08:27:01.299 -1.2 T__ --- 6576939 FDSN HU -- BUD iLoc HHE ??? _
MPLH 0.33 284.2 Lg 08:27:02.193 -0.2 T__ --- 6576938 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.35 350.2 Pg 08:26:57.875 0.9 T__ 254.8 --- ML 1.7 6576945 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.35 350.2 Lg 08:27:02.010 -1.2 T__ --- 6576944 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW1 0.35 29.1 Pg 08:26:58.124 1.1 T__ 451.8 --- ML 1.9 6576950 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.35 29.1 Lg 08:27:02.368 -1.0 T__ --- 6576949 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU09A 0.60 24.6 Lg 08:27:10.761 -1.5 T__ --- 6576940 FDSN ZJ 00 BUD iLoc HHE ??? _
SRD 0.75 15.7 Lg 08:27:16.200 -1.2 T__ --- 6576941 FDSN SK -- BUD iLoc EHE ??? _
MORH 0.98 153.3 Lg 08:27:24.097 0.7 T__ --- 6576942 FDSN HU -- BUD iLoc HHE ??? _
KOVH 1.00 176.5 Lg 08:27:24.097 -0.5 T__ --- 6576943 FDSN HU -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/18 21:11:50.77 0.94 0.89 45.8872 16.0091 8.8 4.5 151 2.2 8.5 22 12 66 0.03 1.96 ke BUD 17001252 BUD 117

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Magnitude Err Nsta Author OrigID
ML 2.1 0.1 10 BUD 17001252

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PTJ 0.03 304.7 Pg 21:11:51.850 -0.2 T__ 3957.9 --- ML 2.0 6577386 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.03 304.7 Lg 21:11:52.930 -0.3 T__ --- 6577387 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ZAG 0.06 194.4 Pg 21:11:52.558 0.3 T__ 16281.3 --- ML 2.7 6577389 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.06 194.4 Lg 21:11:53.973 0.6 T__ --- 6577388 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
CRES 0.39 261.2 Pg 21:11:58.444 0.0 T__ 164.7 --- ML 1.6 6577390 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.39 261.2 Lg 21:12:03.975 -0.2 T__ --- 6577391 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
KOGS 0.59 16.5 Pg 21:12:01.740 -0.6 T__ 189.1 --- ML 2.1 6577393 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.59 16.5 Lg 21:12:09.787 -0.2 T__ --- 6577392 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
BEHE 0.79 42.1 Pg 21:12:07.030 0.5 T__ 141.1 --- ML 2.1 6577394 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.79 42.1 Lg 21:12:16.790 -0.1 T__ --- 6577395 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A264A 0.93 72.6 Pg 21:12:09.340 0.0 T__ 103.4 --- ML 2.0 6577397 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.93 72.6 Lg 21:12:21.633 0.2 T__ --- 6577396 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
OBKA 1.19 302.0 Pn 21:12:13.661 -0.9 T__ 84.3 --- ML 2.1 6577398 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.19 302.0 Lg 21:12:28.934 -0.3 T__ --- 6577399 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

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| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ARSA | 1.40 | 346.4 | Pn | 21:12:16.343 | -0.6 | T__ | 34.5 | ___ | ML | 1.8 | 6577401 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 1.40 | 346.4 | Sn | 21:12:35.192 | -0.4 | T__ | | --- | | | 6577400 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| BLY | 1.41 | 143.5 | Pn | 21:12:15.374 | -1.6 | T__ | 37.1 | ___ | ML | 1.9 | 6577402 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 1.41 | 143.5 | Sn | 21:12:35.550 | -0.6 | T__ | | --- | | | 6577403 | FDSN | MN | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.47 | 81.4 | Sn | 21:12:37.114 | 0.2 | T__ | | --- | | | 6577404 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.86 | 78.9 | Sn | 21:12:48.141 | 1.7 | T__ | | --- | | | 6577405 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| A018A | 1.96 | 341.3 | Pg | 21:12:28.025 | 1.0 | T__ | 38.5 | --- | ML | 2.2 | 6577406 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 1.96 | 341.3 | Lg | 21:12:55.517 | 2.1 | T__ | | --- | | | 6577407 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|---------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/05/19 | 06:27:02.54 | 0.99 | 1.18 | 47.3125 | 17.7081 | 8.8 | 3.5 | 154 | 0.0f | 9 | 7 | 118 | 0.18 | 1.27 | kx | BUD | 17001254 | BUD | | | 191 | |
| 2021/05/19 | 06:27:02.18 | 0.95 | 1.53 | 47.3300 | 17.6350f | | | | 0.0f | 9 | 7 | 129 | 0.17 | 1.31 | kx | BUD_GT | 17001255 | BUD_GT | | | 220 | |
| (locality : Ugod Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MPLH | 0.17 | 202.2 | Pg | 06:27:07.104 | 0.8 | | | | | T__ | | 302.3 | | ___ | ML | 1.3 | 6579807 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.17 | 202.2 | Lg | 06:27:09.767 | 0.1 | | | | | T__ | | | | --- | | 6579808 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.22 | 62.6 | Lg | 06:27:09.567 | -1.9 | | | | | T__ | | | | --- | | 6579812 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| EGYH | 0.22 | 293.0 | Lg | 06:27:13.325 | 1.9 | | | | | T__ | | | | --- | | 6579809 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MSW3 | 0.34 | 80.8 | Lg | 06:27:12.981 | -2.5 | | | | | T__ | | | | --- | | 6579813 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| CSKK | 0.43 | 85.3 | Pg | 06:27:11.369 | 0.3 | | | | | T__ | 76.9 | | | --- | ML | 1.4 | 6579814 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.43 | 85.3 | Lg | 06:27:17.010 | -1.7 | | | | | T__ | | | | --- | | 6579815 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.28 | 165.4 | Sn | 06:27:45.063 | 0.4 | | | | | T__ | | | | --- | | 6579810 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.31 | 147.8 | Sn | 06:27:46.777 | 1.3 | | | | | T__ | | | | --- | | 6579811 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|-----------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/05/19 | 09:36:53.81 | 1.06 | 1.21 | 48.2152 | 21.2369 | 5.9 | 4.2 | 151 | 0.0f | 13 | 7 | 155 | 0.08 | 0.98 | kx | BUD | 17001256 | BUD | | | 249 | |
| 2021/05/19 | 09:36:53.95 | 0.91 | 1.31 | 48.2470 | 21.2460f | | | | 0.0f | 13 | 7 | 151 | 0.05 | 0.99 | kx | BUD_GT | 17001257 | BUD_GT | | | 253 | |
| (locality : Tallya Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.8 | 0.2 | 6 BUD_GT | 17001257 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 09:36:56.353 | 0.8 | | | | | T__ | | 4615.5 | | ___ | ML | 2.1 | 6579971 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 09:36:56.986 | -0.1 | | | | | T__ | | | | --- | | 6579972 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |


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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU02A 0.50 255.8 Pg 09:37:04.586 0.1 T__ 40.5 ___ ML 1.3 6579966 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 09:37:10.844 -1.8 T__ ___ 6579973 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
JOS 0.53 298.1 Pg 09:37:05.405 0.7 T__ 44.6 ___ ML 1.4 6579968 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 09:37:13.899 1.0 T__ ___ 6579967 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.56 295.3 Pg 09:37:05.927 0.7 T__ 143.1 ___ ML 2.0 6579969 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 295.3 Lg 09:37:13.340 -0.4 T__ ___ 6579974 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TRPA 0.87 97.2 Pn 09:37:11.701 -0.6 T__ 75.2 ___ ML 1.9 6579976 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.87 97.2 Lg 09:37:22.988 -2.4 T__ ___ 6579975 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.96 250.6 Pn 09:37:13.079 -0.7 T__ 47.1 ___ ML 1.7 6579970 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.96 250.6 Lg 09:37:26.601 -2.1 T__ ___ 6579977 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.99 248.7 Lg 09:37:27.421 -1.8 T__ ___ 6579978 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/19 12:39:08.11 1.00 0.93 47.9160 20.1730 8.0 2.9 154 0.0f 16 10 151 0.19 1.07 sx BUD 17001258 BUD 198

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 7 BUD 17001258

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.19 270.8 Pg 12:39:13.104 0.4 T__ 674.6 ___ ML 1.7 6580020 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.19 270.8 Lg 12:39:16.047 -0.4 T__ ___ 6580021 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.21 259.8 Pg 12:39:13.011 0.1 T__ 513.3 ___ ML 1.6 6580023 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.21 259.8 Lg 12:39:16.512 -0.1 T__ ___ 6580022 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.31 48.7 Pg 12:39:15.339 0.3 T__ 165.0 ___ ML 1.4 6580024 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.31 48.7 Lg 12:39:19.176 -1.4 T__ ___ 6580025 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU03A 0.39 268.4 Pg 12:39:17.201 0.8 T__ 127.7 ___ ML 1.5 6580027 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.39 268.4 Lg 12:39:22.342 -0.3 T__ ___ 6580026 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.60 20.1 Lg 12:39:29.072 -0.5 T__ 6580029 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.63 22.8 Pg 12:39:21.496 0.7 T__ 37.5 ___ ML 1.4 6580030 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU01A 0.68 213.4 Lg 12:39:32.872 -0.4 T__ ___ 6580028 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

HU10A  0.78 265.2 Lg      12:39:34.832 -1.9      T__
ABAH   0.81 61.6 Pg      12:39:25.445  1.2      T__      65.4      --- ML      1.8 6580033  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
ABAH   0.81 61.6 Lg      12:39:36.024 -1.5      T__      ---      ---      6580032  FDSN HU      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
VYHS   1.07 303.4 Pn      12:39:29.915  0.6      T__      19.5      --- ML      1.4 6580034  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
VYHS   1.07 303.4 Lg      12:39:44.965 -0.2      T__      ---      ---      6580035  FDSN SK      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/20 09:19:46.12 1.44 0.51 46.0955 18.0508 10.9 4.5 39 0.0f 9 5 229 0.03 1.13 sx BUD 17001260 BUD 258

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```

Magnitude Err Nsta Author OrigID
ML 1.5 0.4 4 BUD 17001260

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.03 101.8 Pg 09:19:47.830 0.3 T__ 810.3 _c ML 1.3 6580407 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.03 101.8 Lg 09:19:48.810 -0.2 T__ --- 6580411 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A265A 0.37 331.8 Pg 09:19:54.081 -0.1 T__ 282.5 --- ML 1.8 6580413 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.37 331.8 Lg 09:20:00.060 0.0 T__ --- 6580412 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MORH 0.43 73.6 Pg 09:19:55.262 0.1 T__ 33.9 --- ML 1.0 6580408 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.43 73.6 Lg 09:20:01.062 -1.1 T__ --- 6580410 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A266A 0.46 18.9 Pg 09:19:56.242 0.5 T__ 159.3 --- ML 1.8 6580415 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.46 18.9 Lg 09:20:02.947 -0.1 T__ --- 6580414 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MPLH 1.13 342.0 Sn 09:20:24.629 -0.3 T__ --- 6580409 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/21 07:18:32.81 3.50 0.15 47.2248 18.2568 19.5 10.6 164 0.0f 8 4 329 0.08 0.18 sx BUD 17001262 BUD 337

```

```

Magnitude Err Nsta Author OrigID
ML 0.8 0.2 4 BUD 17001262

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.08 338.1 Pg 07:18:34.992 -0.2 T__ 147.4 --- ML 0.7 6581011 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.08 338.1 Lg 07:18:37.598 0.1 T__ --- 6581012 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CSKK 0.14 1.0 Pg 07:18:36.312 0.1 T__ 185.6 --- ML 1.0 6581013 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.14 1.0 Lg 07:18:39.484 0.1 T__ --- 6581017 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1

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```

MSW1  0.17  0.5 Pg      07:18:36.764 -0.0      T__      179.3      ___ ML      1.0 6581015  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
MSW1  0.17  0.5 Lg      07:18:40.203 -0.2      T__      ___      ___      6581016  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW3  0.18 330.7 Pg      07:18:37.111  0.1      T__      46.9      ___ ML      0.5 6581014  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
MSW3  0.18 330.7 Lg      07:18:40.874  0.1      T__      ___      ___      6581018  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/05/21 15:11:48.28  0.73  0.63  47.9143  16.7737  2.5  2.4  20  8.4  6.7  52  30  36  0.24  1.88  ke BUD  17001264  BUD  46

```

```

Magnitude  Err Nsta Author  OrigID
ML 2.6 0.2 23 BUD 17001264

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
A003A  0.24 129.5 Pg      15:11:53.978  0.4      T__      2477.5      _c_ ML      2.4 6585390  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A003A  0.24 129.5 Lg      15:11:57.280 -0.2      T__      ___      ___      6585402  FDSN Z3      00 BUD  iLoc  HH3 ???  _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A004A  0.26 281.0 Pg      15:11:54.090  0.4      T__      2831.7      _c_ ML      2.5 6585391  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A004A  0.26 281.0 Lg      15:11:57.541  0.1      T__      ___      ___      6585403  FDSN Z3      00 BUD  iLoc  HHE ???  _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
SOP  0.27 212.2 Pg      15:11:53.736 -0.3      T__      1339.6      _d_ ML      2.2 6585392  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
SOP  0.27 212.2 Lg      15:11:57.405 -0.6      T__      ___      ___      6585393  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ZST  0.36 37.9 Pg      15:11:55.300 -0.4      T__      ___      ___      6585394  FDSN SK      -- BUD  iLoc  HHZ ???  _
ZST  0.36 37.9 Lg      15:12:00.595 -0.8      T__      ___      ___      6585404  FDSN SK      -- BUD  iLoc  HHE ???  _
RONA  0.39 236.5 Pg      15:11:55.896 -0.4      T__      620.9      _d_ ML      2.2 6585395  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
RONA  0.39 236.5 Lg      15:12:00.944 -0.7      T__      ___      ___      6585396  FDSN OE      -- BUD  iLoc  HHN ???  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MODS  0.57 36.1 Pg      15:11:59.212 -0.7      T__      ___      ___      6585397  FDSN SK      -- BUD  iLoc  HHZ ???  _
MODS  0.57 36.1 Lg      15:12:08.139 -0.6      T__      ___      ___      6585405  FDSN SK      -- BUD  iLoc  HHE ???  _
A005B  0.60 320.5 Pg      15:12:00.870  0.9      T__      697.5      _d_ ML      2.7 6585398  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A005B  0.60 320.5 Lg      15:12:09.126  0.7      T__      ___      ___      6585407  FDSN Z3      00 BUD  iLoc  HHE ???  _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A339A  0.60 97.8 Pg      15:12:00.944  0.6      T__      623.4      ___ ML      2.6 6585399  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A339A  0.60 97.8 Lg      15:12:10.076  0.5      T__      ___      ___      6585408  FDSN Z3      00 BUD  iLoc  HHE ???  _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
CONA  0.61 271.6 Pg      15:12:00.292 -0.3      T__      295.8      ___ ML      2.3 6585400  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
CONA  0.61 271.6 Lg      15:12:08.660 -0.1      T__      ___      ___      6585406  FDSN OE      -- BUD  iLoc  HHE ???  _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
EGYH  0.62 142.6 Pg      15:12:00.776 -0.1      T__      801.5      ___ ML      2.8 6585401  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
EGYH  0.62 142.6 Lg      15:12:09.417 -0.5      T__      ___      ___      6585420  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--------|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| A260A | 0.63 | 184.2 | Pg | 15:12:00.893 | -0.1 | T__ | 751.8 | ___ ML | 2.7 | 6585409 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A260A | 0.63 | 184.2 | Lg | 15:12:09.491 | -0.0 | T__ | | ___ | | 6585419 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A001A | 0.82 | 351.5 | Pn | 15:12:05.531 | 0.1 | T__ | 205.7 | _d ML | 2.3 | 6585410 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A001A | 0.82 | 351.5 | Lg | 15:12:16.718 | 0.1 | T__ | | ___ | | 6585421 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A008A | 0.88 | 301.6 | Pg | 15:12:05.047 | -0.1 | T__ | 703.1 | ___ ML | 2.8 | 6585411 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.91 | 144.8 | Pg | 15:12:05.680 | -0.5 | T__ | 502.0 | ___ ML | 2.7 | 6585412 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MPLH | 0.91 | 144.8 | Lg | 15:12:18.655 | -0.6 | T__ | | ___ | | 6585422 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.92 | 121.4 | Pg | 15:12:06.649 | 0.3 | T__ | 254.0 | ___ ML | 2.4 | 6585413 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU08A | 0.92 | 121.4 | Lg | 15:12:20.071 | -0.2 | T__ | | ___ | | 6585424 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A013A | 0.93 | 279.7 | Pg | 15:12:05.867 | -0.4 | T__ | 725.6 | ___ ML | 2.9 | 6585414 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A013A | 0.93 | 279.7 | Lg | 15:12:18.804 | 0.4 | T__ | | ___ | | 6585423 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A006A | 0.97 | 329.0 | Pg | 15:12:06.779 | -0.3 | T__ | 596.3 | ___ ML | 2.8 | 6585415 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A006A | 0.97 | 329.0 | Lg | 15:12:20.294 | -0.8 | T__ | | ___ | | 6585425 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A261A | 1.00 | 165.1 | Lg | 15:12:21.337 | 0.2 | T__ | | ___ | | 6585426 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| SR0 | 1.04 | 95.0 | Sn | 15:12:22.902 | -0.4 | T__ | | ___ | | 6585427 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| A262A | 1.06 | 189.1 | Sn | 15:12:23.647 | 0.4 | T__ | | ___ | | 6585428 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A338A | 1.07 | 84.0 | Pn | 15:12:09.268 | 0.8 | T__ | 301.9 | ___ ML | 2.6 | 6585431 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A338A | 1.07 | 84.0 | Sn | 15:12:23.945 | -0.1 | T__ | | ___ | | 6585430 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.08 | 232.3 | Pg | 15:12:08.381 | -0.8 | T__ | 443.5 | ___ ML | 2.7 | 6585416 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ARSA | 1.08 | 232.3 | Lg | 15:12:23.200 | 0.6 | T__ | | ___ | | 6585429 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.12 | 32.0 | Pn | 15:12:09.648 | -0.0 | T__ | 136.5 | ___ ML | 2.3 | 6585417 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU09A | 1.12 | 103.7 | Pn | 15:12:09.789 | 0.6 | T__ | 388.4 | ___ ML | 2.7 | 6585432 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU09A | 1.12 | 103.7 | Sn | 15:12:25.211 | -0.1 | T__ | | ___ | | 6585433 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A018A | 1.16 | 262.1 | Lg | 15:12:25.435 | 0.2 | T__ | | ___ | | 6585434 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.18 | 347.8 | Pg | 15:12:10.262 | -0.4 | T__ | 399.3 | ___ ML | 2.8 | 6585418 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KRUC | 1.18 | 347.8 | Sn | 15:12:26.254 | -0.3 | T__ | | ___ | | 6585435 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.40 | 355.2 | Pn | 15:12:13.999 | 0.6 | T__ | 43.3 | ___ ML | 1.9 | 6585437 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| VRAC | 1.40 | 355.2 | Sn | 15:12:32.662 | 0.5 | T__ | | ___ | | 6585436 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.9 magdef=0
VYHS 1.50 66.4 Sn 15:12:36.163 1.1 T__
KOGS 1.51 193.9 Pn 15:12:15.042 0.3 T__
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
CKRC 1.88 299.8 Pn 15:12:21.635 1.5 T__
CKRC 1.88 299.8 Sn 15:12:46.072 2.2 T__
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/23 13:21:44.53 4.05 0.53 48.7373 22.3372 41.6 9.2 110 5.9 25.8 6 4 251 0.20 1.35 ke BUD 17001268 BUD 340

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOLS 0.20 347.8 Pg 13:21:48.668 0.0 T__
KOLS 0.20 347.8 Lg 13:21:52.245 0.0 T__
ABAH 0.85 239.2 Pg 13:22:01.185 -0.0 T__
ABAH 0.85 239.2 Lg 13:22:14.298 0.2 T__
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
JOS 1.22 259.2 Sn 13:22:24.281 -0.7 T__
HU02A 1.35 243.7 Sn 13:22:28.802 0.3 T__

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/24 01:48:11.03 3.45 0.10 47.3873 18.1911 9.1 3.4 179 4.6 23.0 8 4 178 0.04 0.09 ke BUD 17001274 BUD 272

```

Magnitude Err Nsta Author OrigID
ML 0.2 0.1 4 BUD 17001274

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW3 0.04 264.5 Pg 01:48:12.508 0.0 T__
MSW3 0.04 264.5 Lg 01:48:13.870 -0.0 T__
(Reading ML: -0.1 magdef=1
(Station ML: -0.1 magdef=1
MSW1 0.05 83.1 Pg 01:48:12.527 -0.0 T__
MSW1 0.05 83.1 Lg 01:48:13.870 -0.2 T__
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=1
CSKK 0.05 117.2 Pg 01:48:12.754 0.1 T__
CSKK 0.05 117.2 Lg 01:48:14.306 0.1 T__
(Reading ML: 0.1 magdef=1
(Station ML: 0.1 magdef=1
MSW2 0.09 171.0 Pg 01:48:13.189 -0.0 T__
MSW2 0.09 171.0 Lg 01:48:15.252 0.0 T__
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/05/26 | 11:37:11.96 | 0.95 | 0.81 | 47.8599 | 19.8205 | 6.2 | 3.6 | 162 | 0.0f | 13 | 10 | 134 | 0.04 | 1.26 | sx | BUD | 17001282 | BUD | | | | 147 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.3 | 4 BUD | 17001282 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|----------------------------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ET1H | 0.04 | 60.6 | Pg | 11:37:13.528 | 0.2 | | | | | T__ | | 3584.2 | | ___ | ML | 2.0 | 6603397 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.04 | 60.6 | Lg | 11:37:14.645 | -0.1 | | | | | T__ | | | | --- | | 6603398 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | |
| PSZ | 0.08 | 40.3 | Pg | 11:37:14.422 | 0.1 | | | | | T__ | | 2824.2 | | ___ | ML | 2.0 | 6603400 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.08 | 40.3 | Lg | 11:37:16.210 | -0.3 | | | | | T__ | | | | --- | | 6603399 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | |
| HU03A | 0.15 | 286.6 | Pg | 11:37:15.651 | 0.0 | | | | | T__ | | 608.2 | | ___ | ML | 1.5 | 6603401 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.5 magdef=1) | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | |
| HU01A | 0.53 | 194.8 | Lg | 11:37:32.042 | -0.0 | | | | | T__ | | | | --- | | 6603403 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| HU10A | 0.54 | 268.7 | Lg | 11:37:31.930 | -0.2 | | | | | T__ | | | | --- | | 6603404 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| HU02A | 0.54 | 60.7 | Lg | 11:37:30.440 | -1.8 | | | | | T__ | | | | --- | | 6603402 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| KECS | 0.77 | 35.3 | Lg | 11:37:39.157 | 0.2 | | | | | T__ | | | | --- | | 6603405 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.80 | 36.8 | Pg | 11:37:29.397 | 1.5 | | | | | T__ | | 44.6 | | ___ | ML | 1.6 | 6603407 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.80 | 36.8 | Lg | 11:37:39.380 | -0.6 | | | | | T__ | | | | --- | | 6603406 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | |
| VVHS | 0.91 | 314.3 | Lg | 11:37:43.776 | -0.1 | | | | | T__ | | | | --- | | 6603408 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| A272A | 1.26 | 207.9 | Sn | 11:37:54.653 | 0.7 | | | | | T__ | | | | --- | | 6603409 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/05/26 | 23:50:23.30 | 0.83 | 0.60 | 47.7712 | 16.1641 | 4.1 | 2.9 | 45 | 12.3 | 5.2 | 26 | 15 | 80 | 0.11 | 1.30 | ke | BUD | 17001286 | BUD | | | | 135 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 13 BUD | 17001286 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|----------------------------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 128.7 | Pg | 23:50:26.458 | -0.3 | | | | | T__ | | 170.2 | | _d | ML | 0.8 | 6603861 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 128.7 | Lg | 23:50:28.181 | -1.0 | | | | | T__ | | | | --- | | 6603862 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 0.8 magdef=1) | | | | (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | |
| A004A | 0.25 | 39.2 | Pg | 23:50:29.512 | 0.8 | | | | | T__ | | 295.7 | | ___ | ML | 1.5 | 6603866 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.5 magdef=1) | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 307.8 | Pg | 23:50:28.879 | -0.2 | | | | | T__ | | 61.3 | | ___ | ML | 0.8 | 6603864 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 307.8 | Lg | 23:50:32.641 | -0.4 | | | | | T__ | | | | --- | | 6603865 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 0.8 magdef=1) | | | | (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 108.1 | Pg | 23:50:29.410 | 0.0 | | | | | T__ | | 58.2 | | ___ | ML | 0.8 | 6603863 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 0.8 magdef=1) | | | | (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 300.1 | Pg | 23:50:34.895 | 0.0 | | | | | T__ | | 81.0 | | ___ | ML | 1.7 | 6603867 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 300.1 | Lg | 23:50:43.091 | 0.5 | | | | | T__ | | | | --- | | 6603868 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A005B 0.60 2.6 Pg 23:50:35.826 0.7 T__ 113.0 ___ ML 1.9 6603871 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 0.60 2.6 Lg 23:50:44.283 0.5 T__ ___ 6603872 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
A260A 0.61 142.9 Pg 23:50:35.597 0.0 T__ 111.5 ___ ML 1.9 6603880 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.61 142.9 Lg 23:50:43.941 0.1 T__ ___ 6603879 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ARSA 0.68 220.1 Pg 23:50:36.236 -0.4 T__ 55.1 ___ ML 1.6 6603870 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.68 220.1 Lg 23:50:45.475 0.2 T__ ___ 6603869 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A008A 0.69 330.3 Lg 23:50:45.847 -0.3 T__ ___ 6603873 FDSN Z3 00 BUD iLoc HH3 ??? _
EGYH 0.87 113.7 Pg 23:50:40.924 0.5 T__ 77.2 ___ ML 1.9 6603881 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.87 113.7 Lg 23:50:52.770 0.0 T__ ___ 6603882 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A262A 0.94 164.6 Pn 23:50:42.712 1.2 T__ 60.8 ___ ML 1.8 6603883 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 0.96 50.7 Pg 23:50:42.383 -0.1 T__ ___ 6603874 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.96 50.7 Lg 23:50:55.638 -1.0 T__ ___ 6603884 FDSN SK -- BUD iLoc HHN ??? _
A006A 0.97 354.4 Pg 23:50:41.899 -0.3 T__ 86.6 ___ ML 2.0 6603875 FDSN Z3 00 BUD iLoc HHZ HHZ _
A006A 0.97 354.4 Lg 23:50:54.639 -1.1 T__ ___ 6603876 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
A001A 1.00 16.4 Pg 23:50:43.016 0.1 T__ 41.0 ___ ML 1.7 6603878 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.00 16.4 Lg 23:50:56.911 0.0 T__ ___ 6603877 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KRUC 1.30 6.7 Pn 23:50:47.219 0.6 T__ 31.4 ___ ML 1.7 6603885 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.30 6.7 Sn 23:51:04.429 0.5 T__ ___ 6603886 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/27 08:55:47.39 1.86 1.01 47.3568 18.3714 11.4 5.1 115 0.0f 12 8 109 0.08 1.18 sx BUD 17001288 BUD 182

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Magnitude Err Nsta Author OrigID
ML 1.2 0.4 4 BUD 17001288

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
CSKK 0.08 274.8 Pg 08:55:50.018 0.4 T__ 1005.2 ___ ML 1.5 6604014 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.08 274.8 Lg 08:55:51.210 -0.6 T__ ___ 6604015 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW1 0.08 295.3 Pg 08:55:50.261 0.5 T__ 789.2 ___ ML 1.4 6604020 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 295.3 Lg 08:55:51.330 -0.8 T__ ___ 6604021 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MSW2 | 0.12 | 243.5 | Pg | 08:55:50.958 | 0.5 | T__ | 176.2 | ___ | ML | 0.9 | 6604023 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.12 | 243.5 | Lg | 08:55:52.144 | -1.2 | T__ | | --- | | | 6604022 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.17 | 279.1 | Pg | 08:55:52.191 | 0.9 | T__ | 176.2 | ___ | ML | 1.0 | 6604024 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.17 | 279.1 | Lg | 08:55:54.609 | -0.3 | T__ | | --- | | | 6604025 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.28 | 1.5 | Lg | 08:55:57.915 | -0.9 | T__ | | --- | | | 6604016 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.16 | 170.6 | Sn | 08:56:26.450 | -0.6 | T__ | | --- | | | 6604017 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| PSZ | 1.17 | 60.8 | Sn | 08:56:27.418 | -0.9 | T__ | | --- | | | 6604018 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 1.18 | 15.2 | Sn | 08:56:26.673 | -1.8 | T__ | | --- | | | 6604019 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/27 | 08:57:58.45 | 1.23 | 0.81 | 47.3737 | 18.3682 | 8.0 | 4.2 | 124 | 0.0f | | 19 | 12 | 107 | 0.07 | 1.30 | sx | BUD | 17001290 | BUD | | | 125 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 7 BUD | 17001290 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.07 | 261.8 | Pg | 08:58:00.943 | 0.3 | | | | | T__ | | 2500.1 | | ___ | ML | 1.9 | 6604091 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.07 | 261.8 | Lg | 08:58:02.359 | -0.4 | | | | | T__ | | | | --- | | 6604092 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 284.6 | Pg | 08:58:01.047 | 0.4 | | | | | T__ | | 1121.8 | | ___ | ML | 1.6 | 6604104 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 284.6 | Lg | 08:58:02.202 | -0.7 | | | | | T__ | | | | --- | | 6604105 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.13 | 236.3 | Pg | 08:58:02.013 | 0.4 | | | | | T__ | | 209.3 | | ___ | ML | 1.0 | 6604107 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.13 | 236.3 | Lg | 08:58:03.922 | -0.7 | | | | | T__ | | | | --- | | 6604106 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.16 | 273.4 | Pg | 08:58:02.956 | 0.6 | | | | | T__ | | 303.0 | | ___ | ML | 1.2 | 6604108 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.16 | 273.4 | Lg | 08:58:05.524 | -0.3 | | | | | T__ | | | | --- | | 6604109 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.27 | 2.1 | Lg | 08:58:09.139 | -0.1 | | | | | T__ | | | | --- | | 6604093 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU08A | 0.31 | 281.0 | Lg | 08:58:10.033 | -0.6 | | | | | T__ | | | | --- | | 6604094 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 1.14 | 63.0 | Pn | 08:58:20.985 | 0.5 | | | | | T__ | | 25.3 | | ___ | ML | 1.5 | 6604096 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.14 | 63.0 | Sn | 08:58:36.854 | -1.1 | | | | | T__ | | | | --- | | 6604095 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.16 | 15.5 | Pn | 08:58:22.028 | 0.9 | | | | | T__ | | 14.7 | | ___ | ML | 1.3 | 6604100 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.16 | 15.5 | Lg | 08:58:37.897 | -1.1 | | | | | T__ | | | | --- | | 6604101 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.17 | 61.6 | Pn | 08:58:21.357 | 0.2 | | | | | T__ | | 30.5 | | ___ | ML | 1.6 | 6604099 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.17 | 61.6 | Sn | 08:58:38.269 | -1.0 | | | | | T__ | | | | --- | | 6604098 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.17 | 170.6 | Sn | 08:58:37.301 | -1.3 | | | | | T__ | | | | --- | | 6604097 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.24 | 324.1 | Sn | 08:58:39.685 | -1.3 | | | | | T__ | | | | --- | | 6604102 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

KOVH 1.30 188.3 Sn 08:58:41.175 -0.5 T__ --- 6604103 FDSN HU -- BUD iLoc HHE ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/05/27 | 12:22:42.88 | 1.00 | 0.91 | 48.2180 | 21.2447 | 5.6 | 4.0 | 153 | 0.0f | 16 | 9 | 155 | 0.08 | 1.35 | kx | BUD | 17001292 | BUD | | | | 207 |
| 2021/05/27 | 12:22:43.00 | 0.88 | 0.88 | 48.2470 | 21.2460f | | | | 0.0f | 16 | 9 | 151 | 0.05 | 1.33 | kx | BUD_GT | 17001293 | BUD_GT | | | | 204 |

(locality : Táallya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.8 | 0.3 | 8 BUD_GT | 17001293 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 12:22:45.167 | 0.6 | | | | | T__ | | 12263.1 | | --- | ML | 2.5 | 6604211 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 12:22:46.210 | 0.0 | | | | | T__ | | | | --- | | 6604212 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 12:22:53.511 | -0.1 | | | | | T__ | | 80.1 | | --- | ML | 1.6 | 6604214 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 12:23:00.738 | -0.9 | | | | | T__ | | | | --- | | 6604213 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 12:22:54.033 | 0.3 | | | | | T__ | | 88.2 | | --- | ML | 1.7 | 6604215 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 12:23:01.855 | -0.0 | | | | | T__ | | | | --- | | 6604216 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 12:22:54.778 | 0.5 | | | | | T__ | | 194.9 | | --- | ML | 2.1 | 6604218 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 12:23:02.899 | 0.1 | | | | | T__ | | | | --- | | 6604217 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Pg | 12:22:59.993 | -0.0 | | | | | T__ | | 134.9 | | --- | ML | 2.1 | 6604219 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 12:23:11.690 | -2.8 | | | | | T__ | | | | --- | | 6604220 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 12:23:02.675 | -0.1 | | | | | T__ | | 79.2 | | --- | ML | 1.9 | 6604222 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 12:23:16.756 | -1.0 | | | | | T__ | | | | --- | | 6604223 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 12:23:02.750 | -0.2 | | | | | T__ | | | | --- | | 6604221 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ET1H | 0.99 | 248.7 | Pg | 12:23:03.495 | -0.3 | | | | | T__ | | 46.3 | | --- | ML | 1.7 | 6604225 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 12:23:17.576 | -0.7 | | | | | T__ | | | | --- | | 6604224 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.33 | 332.3 | Pg | 12:23:09.008 | 0.9 | | | | | T__ | | 21.8 | | --- | ML | 1.6 | 6604226 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/28 | 02:47:31.08 | 1.71 | 1.10 | 45.5770 | 16.0806 | 20.4 | 5.2 | 46 | 0.2 | 5.4 | 11 | 7 | 163 | 0.26 | 1.90 | ke | BUD | 17001296 | BUD | | | 230 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 4 BUD | 17001296 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZAG | 0.26 | 345.3 | Pg | 02:47:36.567 | 0.1 | | | | | T__ | | 873.9 | | ___ | ML | 2.0 | 6605533 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.26 | 345.3 | Lg | 02:47:41.256 | 0.9 | | | | | T__ | | | | --- | | 6605530 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.34 | 346.6 | Pg | 02:47:37.871 | -0.4 | | | | | T__ | | 90.9 | | ___ | ML | 1.2 | 6605534 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.34 | 346.6 | Lg | 02:47:42.379 | -1.3 | | | | | T__ | | | | --- | | 6605535 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.50 | 299.9 | Pg | 02:47:41.107 | 0.2 | | | | | T__ | | 50.9 | | ___ | ML | 1.4 | 6605531 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.50 | 299.9 | Lg | 02:47:47.817 | -0.4 | | | | | T__ | | | | --- | | 6605536 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.88 | 7.7 | Lg | 02:48:01.079 | 0.9 | | | | | T__ | | | | --- | | 6605537 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| BLY | 1.14 | 136.3 | Pg | 02:47:52.809 | -0.1 | | | | | T__ | | 31.9 | | --- | ML | 1.6 | 6605538 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 1.14 | 136.3 | Lg | 02:48:07.630 | 0.1 | | | | | T__ | | | | --- | | 6605532 | FDSN | MN | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.50 | 69.4 | Sn | 02:48:18.774 | 0.0 | | | | | T__ | | | | --- | | 6605539 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.90 | 69.5 | Sn | 02:48:30.545 | 2.2 | | | | | T__ | | | | --- | | 6605540 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/05/28 03:52:41.27 0.85 0.58 47.8510 16.2691 4.2 3.3 54 11.0f 16 9 93 0.14 1.21 ke BUD 17001298 BUD 135

Magnitude Err Nsta Author OrigID
 ML 1.5 0.4 7 BUD 17001298

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A004A | 0.14 | 37.5 | Pg | 03:52:44.743 | -0.0 | | | | | T__ | | 668.4 | | ___ | ML | 1.5 | 6605629 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A004A | 0.14 | 37.5 | Lg | 03:52:48.245 | 1.0 | | | | | T__ | | | | --- | | 6605630 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.15 | 173.1 | Pg | 03:52:44.966 | -0.2 | | | | | T__ | | 155.2 | | ___ | ML | 0.9 | 6605625 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.15 | 173.1 | Lg | 03:52:47.462 | -0.4 | | | | | T__ | | | | --- | | 6605626 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.26 | 130.6 | Pg | 03:52:46.754 | -0.1 | | | | | T__ | | 63.3 | | ___ | ML | 0.8 | 6605632 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.26 | 130.6 | Lg | 03:52:50.591 | -0.1 | | | | | T__ | | | | --- | | 6605631 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.28 | 285.9 | Pg | 03:52:46.866 | -0.6 | | | | | T__ | | 57.5 | | ___ | ML | 0.9 | 6605628 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.28 | 285.9 | Lg | 03:52:51.858 | 0.2 | | | | | T__ | | | | --- | | 6605627 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.62 | 290.5 | Pg | 03:52:53.497 | 0.1 | | | | | T__ | | 113.9 | | ___ | ML | 1.9 | 6605633 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.62 | 290.5 | Lg | 03:53:02.177 | 0.7 | | | | | T__ | | | | --- | | 6605634 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.78 | 220.3 | Lg | 03:53:07.690 | 1.2 | | | | | T__ | | | | --- | | 6605635 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A001A | 0.90 | 13.6 | Pg | 03:52:58.824 | -0.2 | | | | | T__ | | 63.5 | | --- | ML | 1.8 | 6605638 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 0.90 | 13.6 | Lg | 03:53:11.974 | -0.3 | | | | | T__ | | | | --- | | 6605637 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |

(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 A006A 0.91 349.5 Lg 03:53:10.856 -0.8 T__ --- 6605636 FDSN Z3 00 BUD iLoc HHN ??? _
 KRUC 1.21 3.9 Pn 03:53:03.555 -0.0 T__ 28.5 --- ML 1.6 6605639 FDSN CZ -- BUD iLoc HHZ HHZ _
 KRUC 1.21 3.9 Sn 03:53:19.797 -0.2 T__ --- 6605640 FDSN CZ -- BUD iLoc HHE ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/28 | 06:52:22.68 | 1.12 | 0.56 | 47.9368 | 20.0655 | 10.8 | 2.9 | 151 | 0.0f | | 11 | 7 | 187 | 0.12 | 0.99 | sx | BUD | 17001300 | BUD | | | 216 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 4 BUD | 17001300 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.12 | 261.0 | Pg | 06:52:26.098 | 0.3 | | | | | T__ | | 1206.7 | | --- | ML | 1.7 | 6605907 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.12 | 261.0 | Lg | 06:52:27.774 | -0.8 | | | | | T__ | | | | --- | | 6605908 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.14 | 246.2 | Pg | 06:52:26.508 | 0.3 | | | | | T__ | | 552.0 | | --- | ML | 1.4 | 6605910 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.14 | 246.2 | Lg | 06:52:28.631 | -0.4 | | | | | T__ | | | | --- | | 6605909 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.32 | 264.2 | Lg | 06:52:34.703 | -0.0 | | | | | T__ | | | | --- | | 6605911 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.36 | 58.8 | Pg | 06:52:30.531 | 0.0 | | | | | T__ | | 176.5 | | --- | ML | 1.5 | 6605913 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 58.8 | Lg | 06:52:36.342 | -0.3 | | | | | T__ | | | | --- | | 6605912 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.61 | 27.0 | Lg | 06:52:44.165 | -0.3 | | | | | T__ | | | | --- | | 6605914 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.64 | 29.4 | Pg | 06:52:36.491 | 0.9 | | | | | T__ | | 84.2 | | --- | ML | 1.8 | 6605916 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.64 | 29.4 | Lg | 06:52:45.059 | -0.4 | | | | | T__ | | | | --- | | 6605915 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.99 | 304.6 | Lg | 06:52:56.644 | -0.6 | | | | | T__ | | | | --- | | 6605917 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/28 | 08:10:08.04 | 2.53 | 1.20 | 47.2282 | 18.2279 | 13.8 | 10.2 | 15 | 0.0f | | 9 | 7 | 130 | 0.08 | 1.33 | sx | BUD | 17001302 | BUD | | | 256 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.08 | 351.1 | Pg | 08:10:10.932 | 0.7 | | | | | T__ | | 649.9 | | --- | ML | 1.3 | 6606678 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.08 | 351.1 | Lg | 08:10:12.023 | -0.4 | | | | | T__ | | | | --- | | 6606677 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.14 | 9.3 | Pg | 08:10:11.806 | 0.4 | | | | | T__ | | 371.1 | | --- | ML | 1.2 | 6606671 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.14 | 9.3 | Lg | 08:10:13.743 | -0.8 | | | | | T__ | | | | --- | | 6606672 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.17 | 336.0 | Lg | 08:10:15.011 | -0.6 | | | | | T__ | | | | --- | | 6606679 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU08A | 0.29 | 314.6 | Lg | 08:10:18.884 | -0.8 | T__ | --- | 6606673 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| KOVH | 1.14 | 184.5 | Sn | 08:10:45.407 | -1.9 | T__ | --- | 6606674 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| PSZ | 1.32 | 57.9 | Sn | 08:10:51.516 | -1.1 | T__ | --- | 6606675 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 1.33 | 17.7 | Sn | 08:10:51.740 | -1.1 | T__ | --- | 6606676 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/05/28 | 09:09:28.94 | 1.06 | 0.30 | 46.1362 | 18.3153 | 11.3 | 3.7 | 159 | 0.0f | 5 | 3 | 181 | 0.16 | 0.39 | kx | BUD | 17001304 | BUD | | | | 284 |
| 2021/05/28 | 09:09:29.02 | 1.01 | 0.70 | 46.1765 | 18.2926f | | | | 0.0f | 5 | 3 | 155 | 0.16 | 0.35 | kx | BUD_GT | 17001305 | BUD_GT | | | | 275 |

(locality : Komló Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 09:09:32.774 | -0.1 | | | | | T__ | | 471.5 | | --- | ML | 1.4 | 6606728 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 09:09:35.829 | -0.1 | | | | | T__ | | | | --- | | 6606727 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 09:09:34.488 | -0.0 | | | | | T__ | | 217.1 | | --- | ML | 1.3 | 6606726 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 09:09:38.314 | -0.6 | | | | | T__ | | | | --- | | 6606730 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Lg | 09:09:43.652 | 1.2 | | | | | T__ | | | | --- | | 6606729 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/05/29 | 09:14:48.76 | 1.05 | 0.45 | 46.1366 | 18.3047 | 11.3 | 3.7 | 159 | 0.0f | 5 | 3 | 179 | 0.15 | 0.39 | sx | BUD | 17001306 | BUD | | | | 284 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.15 | 251.3 | Pg | 09:14:52.508 | 0.1 | | | | | T__ | | 499.8 | | --- | ML | 1.4 | 6610979 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.15 | 251.3 | Lg | 09:14:55.339 | -0.1 | | | | | T__ | | | | --- | | 6610980 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 71.5 | Pg | 09:14:54.519 | 0.2 | | | | | T__ | | 164.6 | | --- | ML | 1.2 | 6610982 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 71.5 | Lg | 09:14:58.170 | -0.6 | | | | | T__ | | | | --- | | 6610981 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.39 | 355.9 | Lg | 09:15:03.385 | -0.1 | | | | | T__ | | | | --- | | 6610983 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/05/29 | 20:35:40.19 | 1.12 | 0.31 | 47.8042 | 16.2174 | 18.3 | 3.9 | 39 | 9.0f | 6 | 4 | 144 | 0.12 | 1.26 | ke | BUD | 17001310 | BUD | | | | 212 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 153.0 | Pg | 20:35:43.439 | 0.2 | | | | | T__ | | 29.7 | | --- | ML | 0.1 | 6611530 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 153.0 | Lg | 20:35:45.115 | -0.4 | | | | | T__ | | | | --- | | 6611529 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 0.1 magdef=1
 SOP 0.26 117.6 Lg 20:35:49.492 -0.1 T__
 CONA 0.27 297.5 Pg 20:35:45.860 -0.1 T__ 30.7 --- ML 0.5 6611527 FDSN OE -- BUD iLoc HHZ HHZ _
 CONA 0.27 297.5 Lg 20:35:50.256 0.3 T__ --- 6611528 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 0.5 magdef=1
 (Station ML: 0.5 magdef=1
 KRUC 1.26 5.3 Sn 20:36:20.504 -0.0 T__ --- 6611531 FDSN CZ -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/31 | 00:06:34.42 | 1.01 | 0.59 | 47.7003 | 16.1200 | 4.6 | 3.7 | 44 | 4.7 | 18.5 | 15 | 10 | 100 | 0.12 | 1.37 | ke | BUD | 17001314 | BUD | | | 146 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.4 | 5 BUD | 17001314 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 90.2 | Pg | 00:06:37.413 | 0.2 | | | | | T__ | | 281.7 | | --- | ML | 1.1 | 6615589 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 90.2 | Lg | 00:06:39.022 | -0.2 | | | | | T__ | | | | --- | | 6615590 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.29 | 322.8 | Pg | 00:06:40.350 | -0.0 | | | | | T__ | | 37.4 | | --- | ML | 0.7 | 6615592 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.29 | 322.8 | Lg | 00:06:44.309 | -0.1 | | | | | T__ | | | | --- | | 6615591 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.30 | 93.1 | Pg | 00:06:40.580 | 0.1 | | | | | T__ | | 41.8 | | --- | ML | 0.7 | 6615593 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.30 | 93.1 | Lg | 00:06:44.181 | -0.5 | | | | | T__ | | | | --- | | 6615594 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.61 | 222.2 | Pg | 00:06:45.892 | -0.3 | | | | | T__ | | 33.8 | | --- | ML | 1.4 | 6615596 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.61 | 222.2 | Lg | 00:06:53.912 | 0.1 | | | | | T__ | | | | --- | | 6615595 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.67 | 4.8 | Lg | 00:06:57.564 | 0.5 | | | | | T__ | | | | --- | | 6615597 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A008A | 0.74 | 335.0 | Pg | 00:06:49.212 | 0.6 | | | | | T__ | | 56.6 | | --- | ML | 1.7 | 6615599 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.74 | 335.0 | Lg | 00:06:58.790 | 0.1 | | | | | T__ | | | | --- | | 6615598 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A006A | 1.04 | 356.4 | Lg | 00:07:08.341 | -1.4 | | | | | T__ | | | | --- | | 6615600 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU08A | 1.25 | 101.8 | Sn | 00:07:15.875 | 0.8 | | | | | T__ | | | | --- | | 6615602 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOGS | 1.26 | 175.9 | Lg | 00:07:15.262 | 0.5 | | | | | T__ | | | | --- | | 6615601 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| KRUC | 1.37 | 7.6 | Sn | 00:07:17.969 | -0.3 | | | | | T__ | | | | --- | | 6615603 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/05/31 | 08:12:31.64 | 0.94 | 1.82 | 47.7102 | 16.3998 | 7.8 | 2.9 | 1 | 0.0f | | 10 | 7 | 156 | 0.07 | 1.35 | sx | BUD | 17001316 | BUD | | | 168 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.5 | 3 BUD | 17001316 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.07 | 261.5 | Pg | 08:12:33.472 | 0.0 | | | | | T__ | | 372.6 | | _c_ | ML | 1.1 | 6619506 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.07 | 261.5 | Lg | 08:12:35.119 | 0.3 | | | | | T__ | | | | --- | | 6619505 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
SOP 0.11 104.0 Pg 08:12:34.532 0.3 T__ 136.9 ___ ML 0.7 6619507 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.11 104.0 Lg 08:12:36.000 -0.2 T__ ___ 6619508 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CONA 0.42 301.2 Lg 08:12:46.902 1.0 T__ ___ 6619501 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.89 41.3 Lg 08:13:02.851 -0.7 T__ ___ 6619510 FDSN SK -- BUD iLoc HHE ??? _
A018A 0.89 272.6 Pg 08:12:48.192 -0.8 T__ 33.2 ___ ML 1.5 6619509 FDSN Z3 00 BUD iLoc HHZ HHZ _
A018A 0.89 272.6 Lg 08:12:59.620 -0.6 T__ ___ 6619502 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU08A 1.07 104.6 Sn 08:13:04.371 -4.5 T__ ___ 6619503 FDSN ZJ 00 BUD iLoc HHN ??? _
KRUC 1.35 359.9 Lg 08:13:17.804 0.3 T__ ___ 6619504 FDSN CZ -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/31 19:20:13.66 0.81 0.64 47.8695 16.2925 3.6 3.2 55 3.3 19.2 28 18 61 0.17 1.63 ke BUD 17001318 BUD 102

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Magnitude Err Nsta Author OrigID
ML 1.9 0.2 12 BUD 17001318

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.17 179.1 Pg 19:20:17.566 0.2 T__ 380.8 _d ML 1.4 6620105 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.17 179.1 Lg 19:20:19.635 -0.3 T__ ___ 6620082 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
SOP 0.26 136.0 Pg 19:20:19.686 0.7 T__ 155.5 ___ ML 1.2 6620085 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.26 136.0 Lg 19:20:23.057 0.4 T__ ___ 6620086 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
CONA 0.30 281.6 Pg 19:20:19.303 -0.4 T__ 200.1 _c ML 1.4 6620084 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.30 281.6 Lg 19:20:23.313 -0.6 T__ ___ 6620083 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A005B 0.51 353.4 Lg 19:20:31.817 1.1 T__ ___ 6620087 FDSN Z3 00 BUD iLoc HHN ??? _
A003A 0.52 101.9 Lg 19:20:30.694 -1.1 T__ ___ 6620088 FDSN Z3 00 BUD iLoc HH2 ??? _
A013A 0.63 288.4 Pg 19:20:25.918 0.1 T__ 405.7 ___ ML 2.5 6620089 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
ZST 0.63 58.7 Pg 19:20:27.153 0.8 T__ ___ 6620107 FDSN SK -- BUD iLoc HHZ ??? _
A008A 0.66 319.6 Pg 19:20:26.540 0.3 T__ 292.6 ___ ML 2.3 6620106 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.66 319.6 Lg 19:20:35.418 0.1 T__ ___ 6620090 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
ARSA 0.81 220.4 Pg 19:20:29.158 -0.2 T__ 122.3 ___ ML 2.0 6620108 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.81 220.4 Lg 19:20:39.939 0.4 T__ ___ 6620091 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MODS 0.83 52.2 Pg 19:20:30.234 -0.1 T__ ___ 6620093 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.83 52.2 Lg 19:20:41.905 -0.9 T__ ___ 6620092 FDSN SK -- BUD iLoc HHE ??? _
EGYH 0.84 122.4 Pg 19:20:30.499 0.2 T__ 80.3 ___ ML 1.9 6620109 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1

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(Station ML: 1.9 magdef=1
A001A 0.88 12.9 Pg 19:20:31.587 0.6 T__ 57.0 ___ ML 1.7 6620097 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 0.88 12.9 Lg 19:20:43.233 -0.7 T__ ___ 6620096 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A006A 0.89 348.3 Pg 19:20:30.872 -0.0 T__ 123.7 ___ ML 2.1 6620094 FDSN Z3 00 BUD iLoc HHZ HHZ _
A006A 0.89 348.3 Lg 19:20:42.723 -1.1 T__ ___ 6620095 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KRUC 1.20 3.2 Pg 19:20:36.133 -0.3 T__ 54.5 ___ ML 1.9 6620098 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.20 3.2 Sn 19:20:52.479 -0.9 T__ ___ 6620099 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JAVC 1.35 42.4 Pn 19:20:39.709 0.7 T__ 46.3 ___ ML 1.9 6620100 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VRAC 1.45 7.8 Pn 19:20:40.092 -0.2 T__ 13.0 _c_ ML 1.4 6620101 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.45 7.8 Sn 19:20:59.017 -0.8 T__ ___ 6620102 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
TREC 1.52 339.7 Sn 19:21:01.060 -0.1 T__ ___ 6620103 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.63 306.4 Sn 19:21:04.686 0.4 T__ ___ 6620104 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/01 07:41:16.79 1.45 1.06 47.4262 18.3769 25.4 5.6 127 0.0f 9 5 144 0.10 1.23 sx BUD 17001322 BUD 204

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD 17001322

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.10 231.4 Pg 07:41:19.614 0.2 T__ 894.6 ___ ML 1.5 6622527 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.10 231.4 Lg 07:41:21.663 -0.4 T__ ___ 6622528 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 1.11 65.3 Pn 07:41:38.798 0.3 T__ 18.7 ___ ML 1.4 6622530 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.11 65.3 Sn 07:41:54.072 -1.6 T__ ___ 6622529 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 1.11 15.9 Pn 07:41:39.543 0.8 T__ 10.3 ___ ML 1.1 6622534 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.11 15.9 Lg 07:41:55.338 -0.2 T__ ___ 6622533 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 1.14 63.8 Pn 07:41:39.245 0.2 T__ 27.8 ___ ML 1.6 6622531 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.14 63.8 Sn 07:41:55.189 -1.7 T__ ___ 6622532 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 1.23 171.3 Sn 07:41:57.573 -0.6 T__ ___ 6622535 FDSN HU -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/01 08:44:36.92 1.24 0.59 47.8197 19.1269 13.1 3.3 5 0.0f 12 8 206 0.08 1.42 sx BUD 17001324 BUD 234

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.3 4 BUD 17001324

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.08 | 289.3 | Pg | 08:44:39.235 | 0.2 | | | | | T__ | | 1881.9 | | --- | ML | 1.8 | 6622566 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.08 | 289.3 | Lg | 08:44:40.216 | -0.7 | | | | | T__ | | | | --- | | 6622572 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.33 | 75.0 | Pg | 08:44:43.926 | -0.2 | | | | | T__ | | 75.8 | | --- | ML | 1.1 | 6622570 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.33 | 75.0 | Lg | 08:44:50.423 | 0.9 | | | | | T__ | | | | --- | | 6622573 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.50 | 83.0 | Lg | 08:44:55.489 | -0.2 | | | | | T__ | | | | --- | | 6622574 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.53 | 78.9 | Lg | 08:44:56.569 | -0.3 | | | | | T__ | | | | --- | | 6622575 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.70 | 344.0 | Lg | 08:45:01.661 | -0.0 | | | | | T__ | | | | --- | | 6622567 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 0.99 | 71.6 | Pn | 08:44:57.389 | 0.4 | | | | | T__ | | 24.6 | | --- | ML | 1.4 | 6622576 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.99 | 71.6 | Sn | 08:45:11.991 | -1.1 | | | | | T__ | | | | --- | | 6622577 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.16 | 53.9 | Pn | 08:44:59.277 | -0.1 | | | | | T__ | | 19.9 | | --- | ML | 1.4 | 6622568 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.16 | 53.9 | Sn | 08:45:16.633 | -0.4 | | | | | T__ | | | | --- | | 6622571 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.42 | 317.5 | Sn | 08:45:24.906 | 0.1 | | | | | T__ | | | | --- | | 6622569 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/01 | 09:54:28.67 | 0.87 | 0.69 | 47.0742 | 18.0350 | 4.2 | 3.1 | 120 | 0.0f | | 16 | 10 | 94 | 0.20 | 1.52 | sx | BUD | 17001326 | BUD | | | 121 |

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 17001326

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TIH | 0.20 | 209.2 | Pg | 09:54:33.718 | 0.5 | | | | | T__ | | 1909.3 | | --- | ML | 2.1 | 6622696 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 0.20 | 209.2 | Lg | 09:54:36.233 | -0.7 | | | | | T__ | | | | --- | | 6622684 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.26 | 27.7 | Pg | 09:54:35.076 | 0.7 | | | | | T__ | | 216.6 | | --- | ML | 1.4 | 6622697 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.26 | 27.7 | Lg | 09:54:38.326 | -1.1 | | | | | T__ | | | | --- | | 6622698 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.33 | 27.9 | Pg | 09:54:36.483 | 0.8 | | | | | T__ | | 218.2 | | --- | ML | 1.5 | 6622699 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.33 | 27.9 | Lg | 09:54:40.629 | -1.2 | | | | | T__ | | | | --- | | 6622685 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A267A | 0.33 | 112.5 | Lg | 09:54:41.150 | -0.5 | | | | | T__ | | | | --- | | 6622686 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.35 | 286.0 | Pg | 09:54:36.680 | 0.4 | | | | | T__ | | 194.5 | | --- | ML | 1.6 | 6622688 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.35 | 286.0 | Lg | 09:54:41.448 | -0.7 | | | | | T__ | | | | --- | | 6622687 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A261A | 0.62 | 258.9 | Lg | 09:54:50.165 | -0.2 | | | | | T__ | | | | --- | | 6622689 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 0.96 | 153.8 | Pg | 09:54:48.079 | 0.3 | | | | | T__ | | 23.3 | | --- | ML | 1.4 | 6622691 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|--|------|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| MORH | 0.96 | 153.8 | Lg | 09:55:01.415 | -0.4 | T__ | | | | | | | | 6622690 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.99 | 177.4 | Pn | 09:54:48.824 | 0.3 | T__ | | | | | 44.9 | | ML | 1.7 | 6622692 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.99 | 177.4 | Lg | 09:55:02.458 | -0.7 | T__ | | | | | | | | 6622693 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.52 | 55.5 | Sn | 09:55:17.806 | -0.1 | T__ | | | | | | | | 6622694 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 1.52 | 20.5 | Sn | 09:55:17.880 | -0.2 | T__ | | | | | | | | 6622695 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/06/02 | 07:56:34.02 | 1.16 | 1.13 | 47.0898 | 18.0162 | 9.2 | 5.1 | 153 | 0.0f | 6 | 3 | 145 | 0.32 | 1.00 | sx | BUD | 17001328 | BUD | | | | 252 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.4 | 0.1 | 3 BUD | 17001328 |

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|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
| CSKK | 0.32 | 31.2 | Pg | 07:56:41.558 | 0.6 | | | | | T__ | | 187.5 | | ML | 1.5 | 6625177 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.32 | 31.2 | Lg | 07:56:45.703 | -1.2 | | | | | T__ | | | | | | 6625173 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.34 | 284.1 | Pg | 07:56:41.762 | 0.5 | | | | | T__ | | 112.9 | | ML | 1.3 | 6625178 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.34 | 284.1 | Lg | 07:56:46.187 | -0.8 | | | | | T__ | | | | | | 6625174 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.00 | 176.7 | Pn | 07:56:54.569 | 0.4 | | | | | T__ | | 22.4 | | ML | 1.4 | 6625176 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.00 | 176.7 | Lg | 07:57:08.054 | -1.0 | | | | | T__ | | | | | | 6625175 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/06/02 | 08:46:21.07 | 1.13 | 1.49 | 48.6221 | 21.3316 | 6.5 | 4.6 | 52 | 0.0f | 11 | 6 | 161 | 0.33 | 1.30 | sx | BUD | 17001330 | BUD | | | | 224 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.6 | 0.4 | 5 BUD | 17001330 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
| ABAH | 0.33 | 190.6 | Pg | 08:46:29.201 | 1.2 | | | | | T__ | | 101.0 | | ML | 1.2 | 6625272 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.33 | 190.6 | Lg | 08:46:32.033 | -1.9 | | | | | T__ | | | | | | 6625273 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.58 | 256.4 | Pg | 08:46:33.672 | 1.0 | | | | | T__ | | 152.8 | | ML | 2.0 | 6625274 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.58 | 256.4 | Lg | 08:46:40.675 | -0.8 | | | | | T__ | | | | | | 6625275 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.73 | 227.4 | Pg | 08:46:36.503 | 0.2 | | | | | T__ | | 48.9 | | ML | 1.6 | 6625277 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.73 | 227.4 | Lg | 08:46:45.965 | -1.8 | | | | | T__ | | | | | | 6625276 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.94 | 121.0 | Pg | 08:46:39.781 | 0.4 | | | | | T__ | | 69.2 | | ML | 1.9 | 6625279 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

```

TRPA 0.94 121.0 Lg 08:46:52.298 -2.2 T__ --- 6625278 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.05 319.9 Pg 08:46:41.122 0.3 T__ 18.9 --- ML 1.4 6625280 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.05 319.9 Lg 08:46:55.874 -0.7 T__ --- 6625281 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
LTVH 1.30 162.6 Sn 08:47:02.877 -1.6 T__ --- 6625282 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/02 09:36:18.77 2.30 0.96 48.6080 20.7458 16.7 4.9 0 0.0f 7 4 227 0.21 1.27 sx BUD 17001332 BUD 291

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.1 3 BUD 17001332

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.21 234.3 Pg 09:36:23.084 -0.2 T__ 461.5 --- ML 1.6 6625352 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 234.3 Lg 09:36:27.331 0.6 T__ --- 6625353 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.45 133.3 Pg 09:36:28.038 0.0 T__ 37.0 --- ML 1.1 6625355 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.45 133.3 Lg 09:36:35.824 0.0 T__ --- 6625354 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.51 196.9 Pg 09:36:29.379 -0.1 T__ 22.5 --- ML 1.1 6625356 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.51 196.9 Lg 09:36:37.426 -0.2 T__ --- 6625357 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
VYHS 1.27 265.6 Sn 09:37:00.373 -1.8 T__ --- 6625358 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/03 05:32:17.58 1.13 0.34 47.3344 18.2481 10.9 2.4 115 0.0f 9 5 201 0.03 0.32 kx BUD 17001336 BUD 277
2021/06/03 05:32:16.98 0.94 0.59 47.3167 18.3081f 0.0f 9 5 248 0.06 0.33 kx BUD_GT 17001337 BUD_GT 284

```

```

(locality : Magyaralmás Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 4 BUD_GT 17001337

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.06 325.1 Pg 05:32:18.992 0.2 T__ 1721.6 --- ML 1.7 6625705 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 325.1 Lg 05:32:20.165 -0.6 T__ --- 6625706 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW2 0.07 257.7 Pg 05:32:19.284 0.3 T__ 973.9 --- ML 1.5 6625710 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.07 257.7 Lg 05:32:20.500 -0.6 T__ --- 6625711 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW1 0.08 336.4 Pg 05:32:19.758 0.4 T__ 887.4 --- ML 1.5 6625713 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 336.4 Lg 05:32:21.015 -0.6 T__ --- 6625712 FDSN HU -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU08A 0.29 293.8 Lg 05:32:27.448 -1.0 T__
HU09A 0.33 8.9 Pg 05:32:24.626 0.7 T__ 163.3 --- ML 1.4 6625709 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.33 8.9 Lg 05:32:29.758 -0.2 T__ --- 6625708 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/03 07:22:41.69 2.69 0.39 46.4089 18.9812 25.2 4.1 178 5.3 0.6 6 3 245 0.13 0.69 ke BUD 17001338 BUD 347

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.3 3 BUD 17001338

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU22A 0.13 127.9 Pg 07:22:44.942 0.2 T__ 1700.2 _c_ ML 1.9 6627043 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU22A 0.13 127.9 Lg 07:22:47.065 -0.3 T__ --- 6627048 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 0.30 230.5 Pg 07:22:48.239 0.2 T__ 87.7 --- ML 1.1 6627045 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.30 230.5 Lg 07:22:52.616 -0.2 T__ --- 6627044 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KOVH 0.69 242.6 Pg 07:22:55.503 -0.1 T__ 27.0 --- ML 1.3 6627046 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.69 242.6 Lg 07:23:04.816 -0.2 T__ --- 6627047 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/04 07:16:55.02 4.11 1.79 46.8712 22.3173 42.4 6.2 161 0.0f 6 3 249 0.28 1.51 sx BUD 17001340 BUD 310

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17001340

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.28 106.3 Pg 07:17:00.844 -0.1 T__ 195.0 --- ML 1.4 6630435 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.28 106.3 Lg 07:17:05.761 -0.1 T__ --- 6630436 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
SIRR 0.76 217.2 Pg 07:17:10.380 0.0 T__ 23.3 --- ML 1.3 6630438 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.76 217.2 Lg 07:17:21.109 -0.7 T__ --- 6630437 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
GZR 1.51 167.6 Pn 07:17:24.685 1.9 T__ 35.0 --- ML 1.9 6630439 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.51 167.6 Sn 07:17:46.291 2.4 T__ --- 6630440 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

```

2021/06/04 07:22:52.52 1.66 0.52 47.9760 20.3653 17.0 3.8 143 0.0f 8 5 217 0.18 0.53 kx BUD 17001342 BUD 241
 2021/06/04 07:22:52.52 0.95 0.46 47.9767 20.3679f 0.0f 8 5 218 0.18 0.53 kx BUD_GT 17001343 BUD_GT 241

(locality : Eger-III. Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.2 0.1 3 BUD_GT 17001343

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| HU02A | 0.18 | 35.8 | Pg | 07:22:56.963 | 0.2 | | | | | T__ | | 319.3 | | --- | ML | 1.3 6630467 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.18 | 35.8 | Lg | 07:22:59.904 | -0.4 | | | | | T__ | | | | --- | | 6630468 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.32 | 259.8 | Pg | 07:23:00.170 | 0.3 | | | | | T__ | | 58.4 | | --- | ML | 1.0 6630466 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.32 | 259.8 | Lg | 07:23:04.437 | -1.0 | | | | | T__ | | | | --- | | 6630469 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.35 | 253.9 | Lg | 07:23:05.662 | -0.2 | | | | | T__ | | | | --- | | 6630470 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| KECS | 0.51 | 8.8 | Lg | 07:23:10.821 | -0.0 | | | | | T__ | | | | --- | | 6630471 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| JOS | 0.53 | 12.4 | Pg | 07:23:03.541 | 0.3 | | | | | T__ | | 29.5 | | --- | ML | 1.2 6630464 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 12.4 | Lg | 07:23:11.407 | -0.1 | | | | | T__ | | | | --- | | 6630465 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/04 | 08:41:16.10 | 0.95 | 0.89 | 48.5239 | 17.4543 | 7.0 | 3.3 | 124 | 0.0f | | 7 | 5 | 124 | 0.19 | 0.92 | sx | BUD | 17001344 | BUD | | | 192 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| MODS | 0.19 | 218.1 | Pg | 08:41:20.849 | 0.3 | | | | | T__ | | | | --- | | 6632401 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.19 | 218.1 | Lg | 08:41:23.009 | -1.2 | | | | | T__ | | | | --- | | 6632402 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 0.36 | 23.1 | Pg | 08:41:23.903 | -0.0 | | | | | T__ | | 113.8 | | --- | ML | 1.4 6632403 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.36 | 23.1 | Lg | 08:41:29.351 | -0.8 | | | | | T__ | | | | --- | | 6632406 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.40 | 215.7 | Lg | 08:41:30.683 | -0.4 | | | | | T__ | | | | --- | | 6632404 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| KRUC | 0.88 | 308.0 | Lg | 08:41:46.860 | 0.8 | | | | | T__ | | | | --- | | 6632407 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 0.92 | 91.3 | Lg | 08:41:48.564 | 0.6 | | | | | T__ | | | | --- | | 6632405 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/04 | 11:06:23.88 | 1.63 | 0.60 | 48.0374 | 19.6238 | 10.2 | 4.5 | 135 | 0.0f | | 8 | 5 | 225 | 0.13 | 0.76 | sx | BUD | 17001346 | BUD | | | 279 |

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 4 BUD 17001346

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| HU03A | 0.13 | 186.9 | Pg | 11:06:27.213 | 0.1 | | | | | T__ | | 650.8 | | --- | ML | 1.5 6632430 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.13 | 186.9 | Lg | 11:06:29.511 | -0.2 | | | | | T__ | | | | --- | | 6632432 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.5 magdef=1
PSZ 0.22 123.1 Pg 11:06:29.358 0.3 T__ 443.0 ___ ML 1.6 6632429 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.22 123.1 Lg 11:06:32.014 -1.1 T__ ___ 6632433 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.23 133.5 Pg 11:06:29.665 0.5 T__ 120.4 ___ ML 1.0 6632434 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.23 133.5 Lg 11:06:33.138 0.0 T__ ___ 6632428 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.61 81.7 Pg 11:06:36.458 -0.2 T__ 38.4 ___ ML 1.4 6632435 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JUS 0.76 52.8 Lg 11:06:50.811 0.1 T__ ___ 6632431 FDSN ZJ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/04 11:14:40.25 0.93 0.84 48.3807 18.2349 5.7 3.6 2 0.0f 8 5 111 0.37 0.78 sx BUD 17001348 BUD 205

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
A338A 0.37 167.8 Lg 11:14:53.405 -1.1 T__ 6632464 FDSN Z3 00 BUD iLoc HH3 ??? _
VYHS 0.42 74.0 Pg 11:14:49.419 0.6 T__ 14.7 ___ ML 0.6 6632466 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.42 74.0 Lg 11:14:54.609 -0.6 T__ ___ 6632460 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
JAVC 0.61 322.2 Pg 11:14:53.107 0.2 T__ 30.6 ___ ML 1.3 6632467 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.61 322.2 Lg 11:15:01.575 -1.0 T__ ___ 6632461 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MODS 0.64 269.7 Pg 11:14:54.113 0.7 T__ ___ 6632465 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.64 269.7 Lg 11:15:03.071 -0.4 T__ ___ 6632462 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.78 256.7 Lg 11:15:07.541 -0.3 T__ ___ 6632463 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/04 14:48:31.93 2.48 0.84 47.6901 19.7624 16.1 5.0 172 0.0f 10 6 237 0.20 0.96 sx BUD 17001350 BUD 283

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD 17001350

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ET1H 0.20 21.2 Pg 14:48:37.162 0.5 T__ 488.3 ___ ML 1.6 6632817 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.20 21.2 Lg 14:48:39.972 -0.4 T__ ___ 6632816 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.24 332.9 Pg 14:48:38.124 0.8 T__ 216.7 ___ ML 1.3 6632812 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.24 332.9 Lg 14:48:40.780 -0.7 T__ ___ 6632813 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.25 21.2 Pg 14:48:38.073 0.4 T__ 432.2 ___ ML 1.6 6632810 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.25 21.2 Lg 14:48:42.057 -0.2 T__ ___ 6632811 FDSN GE -- BUD iLoc HHN ??? _

```

(Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 HU10A 0.53 287.5 Lg 14:48:50.443 -1.2 T__ --- 6632818 FDSN ZJ 00 BUD iLoc HHN ??? _
 HU02A 0.67 49.6 Lg 14:48:56.112 -0.6 T__ --- 6632819 FDSN ZJ 00 BUD iLoc HHN ??? _
 JOS 0.96 32.6 Pg 14:48:51.558 0.5 T__ 29.5 --- ML 1.5 6632814 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 0.96 32.6 Lg 14:49:04.430 -1.1 T__ --- 6632815 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/06/07 | 11:02:16.24 | 0.97 | 0.61 | 48.9553 | 21.2380 | 5.9 | 4.5 | 164 | 0.0f | 13 | 7 | 144 | 0.65 | 1.37 | sx | BUD | 17001356 | BUD | | | | 232 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 5 BUD | 17001356 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.65 | 225.4 | Pg | 11:02:28.433 | -0.8 | | | | | T__ | | 39.3 | | --- | ML | 1.5 | 6641505 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.65 | 225.4 | Lg | 11:02:39.160 | 0.2 | | | | | T__ | | | | --- | | 6641504 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.66 | 179.9 | Lg | 11:02:40.408 | 0.1 | | | | | T__ | | | | --- | | 6641511 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KOLS | 0.68 | 91.5 | Pg | 11:02:29.353 | 0.0 | | | | | T__ | | | | --- | | 6641502 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.68 | 91.5 | Lg | 11:02:40.385 | -0.0 | | | | | T__ | | | | --- | | 6641503 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.69 | 226.8 | Pg | 11:02:30.397 | 0.5 | | | | | T__ | 70.7 | | | --- | ML | 1.7 | 6641513 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.69 | 226.8 | Lg | 11:02:40.510 | 0.3 | | | | | T__ | | | | --- | | 6641512 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.77 | 307.3 | Pg | 11:02:30.908 | 0.1 | | | | | T__ | 26.0 | | | --- | ML | 1.3 | 6641514 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.77 | 307.3 | Lg | 11:02:41.305 | -0.5 | | | | | T__ | | | | --- | | 6641506 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.96 | 209.9 | Pn | 11:02:35.788 | -0.2 | | | | | T__ | 23.7 | | | --- | ML | 1.4 | 6641508 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.96 | 209.9 | Lg | 11:02:49.988 | -0.1 | | | | | T__ | | | | --- | | 6641507 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.37 | 221.3 | Pn | 11:02:43.041 | 1.2 | | | | | T__ | 34.4 | | | --- | ML | 1.8 | 6641509 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.37 | 221.3 | Sn | 11:03:03.166 | 1.1 | | | | | T__ | | | | --- | | 6641510 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/06/07 | 17:54:12.63 | 2.04 | 1.32 | 47.6474 | 16.3517 | 20.2 | 4.4 | 14 | 8.5 | 8.0 | 10 | 6 | 127 | 0.06 | 1.42 | ke | BUD | 17001358 | BUD | | | | 235 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.8 | 0.3 | 4 BUD | 17001358 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|---------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.06 | 324.5 | Pg | 17:54:14.763 | -0.1 | | | | | T__ | | 133.2 | | _c_ | ML | 0.6 | 6641545 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.06 | 324.5 | Lg | 17:54:16.849 | 0.3 | | | | | T__ | | | | --- | | 6641546 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 0.6 magdef=1
SOP 0.14 75.5 Pg 17:54:15.806 -0.2 T__ 72.7 _c_ ML 0.6 6641548 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.14 75.5 Lg 17:54:18.711 0.3 T__ --- 6641547 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
CONA 0.43 310.6 Pg 17:54:21.468 -0.0 T__ 28.5 --- ML 1.0 6641549 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.43 310.6 Lg 17:54:27.056 -0.4 T__ --- 6641550 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MODS 0.96 40.2 Pg 17:54:31.600 -0.2 T__ --- 6641551 FDSN SK -- BUD iLoc HHZ ??? _
KOGS 1.20 183.3 Sn 17:54:52.312 1.3 T__ --- 6641552 FDSN SL -- BUD iLoc BHE ??? _
KRUC 1.42 1.2 Pn 17:54:38.902 0.9 T__ 18.2 --- ML 1.5 6641554 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.42 1.2 Sn 17:54:59.465 2.7 T__ --- 6641553 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/08 07:01:06.02 0.99 1.08 47.9637 19.4154 6.3 4.1 9 0.0f 14 9 126 0.14 1.47 kx BUD 17001366 BUD 137
2021/06/08 07:01:05.74 0.89 1.08 47.8920 19.4049f 0.0f 14 9 153 0.13 1.51 kx BUD_GT 17001367 BUD_GT 167
(locality : Bercel Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD_GT 17001367

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.13 84.8 Pg 07:01:10.433 1.5 T__ 1097.0 --- ML 1.7 6644060 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.13 84.8 Lg 07:01:12.445 1.0 T__ --- 6644061 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
HU10A 0.26 259.9 Lg 07:01:16.729 0.5 T__ --- 6644065 FDSN ZJ 00 BUD iLoc HHZ ??? _
ET1H 0.31 92.2 Pg 07:01:12.072 -0.7 T__ 70.4 --- ML 1.0 6644064 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.31 92.2 Lg 07:01:17.362 -0.6 T__ --- 6644063 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
PSZ 0.33 85.2 Pg 07:01:12.711 -0.5 T__ 120.0 --- ML 1.3 6644058 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.33 85.2 Lg 07:01:18.480 -0.5 T__ --- 6644062 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
VYHS 0.71 327.9 Lg 07:01:29.245 -1.6 T__ --- 6644066 FDSN SK -- BUD iLoc HHE ??? _
HU02A 0.79 72.6 Pg 07:01:22.093 -0.0 T__ 36.6 --- ML 1.5 6644068 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.79 72.6 Lg 07:01:33.492 -0.9 T__ --- 6644067 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.97 51.1 Pg 07:01:25.371 0.3 T__ 33.9 --- ML 1.6 6644069 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.97 51.1 Lg 07:01:38.409 -1.8 T__ --- 6644070 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU08A 1.10 245.8 Lg 07:01:45.189 0.5 T__ --- 6644071 FDSN ZJ 00 BUD iLoc HHE ??? _
JAVC 1.51 310.6 Sn 07:01:57.562 1.9 T__ --- 6644059 FDSN CZ -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/06/08 | 07:57:45.65 | 1.63 | 0.98 | 47.3766 | 18.4152 | 11.1 | 6.0 | 128 | 0.0f | 12 | 9 | 109 | 0.11 | 1.31 | sx | BUD | 17001368 | BUD | | | | 142 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 3 BUD | 17001368 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.11 | 262.8 | Pg | 07:57:48.874 | 0.5 | | | | | T__ | | 1161.2 | | ___ | ML | 1.7 | 6644146 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.11 | 262.8 | Lg | 07:57:50.253 | -0.8 | | | | | T__ | | | | --- | | 6644147 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.11 | 278.8 | Lg | 07:57:50.565 | -0.6 | | | | | T__ | | | | --- | | 6644153 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.16 | 241.9 | Pg | 07:57:49.974 | 0.6 | | | | | T__ | | 225.5 | | --- | ML | 1.1 | 6644154 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.16 | 241.9 | Lg | 07:57:51.863 | -1.0 | | | | | T__ | | | | --- | | 6644155 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.20 | 272.0 | Pg | 07:57:51.190 | 1.1 | | | | | T__ | | 404.1 | | --- | ML | 1.5 | 6644157 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.20 | 272.0 | Lg | 07:57:53.162 | -0.9 | | | | | T__ | | | | --- | | 6644156 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.11 | 62.4 | Sn | 07:58:22.960 | -1.5 | | | | | T__ | | | | --- | | 6644148 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.14 | 61.0 | Sn | 07:58:25.344 | -0.4 | | | | | T__ | | | | --- | | 6644149 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 1.15 | 14.0 | Lg | 07:58:24.748 | -1.1 | | | | | T__ | | | | --- | | 6644150 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.17 | 172.2 | Sn | 07:58:24.897 | -0.8 | | | | | T__ | | | | --- | | 6644151 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.31 | 189.7 | Sn | 07:58:29.069 | 0.0 | | | | | T__ | | | | --- | | 6644152 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------------------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|--|
| 2021/06/08 | 09:14:51.89 | 1.29 | 0.93 | 46.1445 | 17.9937 | 11.7 | 4.0 | 49 | 0.0f | 8 | 6 | 206 | 0.09 | 1.07 | kx | BUD | 17001370 | BUD | | | | 253 | |
| 2021/06/08 | 09:14:51.96 | 0.97 | 0.84 | 46.1204 | 18.0243f | | | | 0.0f | 8 | 6 | 211 | 0.06 | 1.10 | kx | BUD_GT | 17001371 | BUD_GT | | | | 255 | |
| (locality : Bükkösd Hungary) | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.06 | 121.4 | Pg | 09:14:54.865 | 1.0 | | | | | T__ | | 2196.1 | | ___ | ML | 1.8 | 6644258 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.06 | 121.4 | Lg | 09:14:55.908 | 0.2 | | | | | T__ | | | | --- | | 6644259 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.34 | 332.5 | Pg | 09:14:58.680 | -0.7 | | | | | T__ | | 286.2 | | ___ | ML | 1.7 | 6644253 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.34 | 332.5 | Lg | 09:15:03.685 | -1.2 | | | | | T__ | | | | --- | | 6644257 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.44 | 22.3 | Lg | 09:15:09.114 | 0.8 | | | | | T__ | | | | --- | | 6644260 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 0.44 | 77.4 | Lg | 09:15:08.142 | -0.2 | | | | | T__ | | | | --- | | 6644254 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| HU22A | 0.80 | 74.5 | Lg | 09:15:20.435 | -0.8 | | | | | T__ | | | | --- | | 6644255 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.10 | 342.5 | Sn | 09:15:29.160 | -0.8 | | | | | T__ | | | | --- | | 6644256 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/06/08 | 10:18:14.56 | 3.89 | 0.12 | 48.7397 | 21.0490 | 22.1 | 18.5 | 27 | 0.0f | 6 | 3 | 333 | 0.42 | 0.71 | sx | BUD | 17001372 | BUD | | | | 358 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.4 | 0.0 | 3 BUD | 17001372 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.42 | 234.4 | Pg | 10:18:22.945 | -0.0 | | | | | T__ | | 36.7 | | --- | ML | 1.0 | 6644280 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.42 | 234.4 | Lg | 10:18:29.322 | -0.0 | | | | | T__ | | | | --- | | 6644283 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.45 | 235.7 | Pg | 10:18:23.764 | 0.1 | | | | | T__ | | 71.3 | | --- | ML | 1.4 | 6644281 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.45 | 235.7 | Lg | 10:18:30.552 | -0.1 | | | | | T__ | | | | --- | | 6644284 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.71 | 209.7 | Pg | 10:18:29.203 | -0.1 | | | | | T__ | | 32.3 | | --- | ML | 1.4 | 6644282 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.71 | 209.7 | Lg | 10:18:40.498 | 0.2 | | | | | T__ | | | | --- | | 6644285 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/06/08 | 14:22:45.02 | 1.86 | 2.04 | 45.5097 | 16.0769 | 15.1 | 7.4 | 13 | 6.7 | 12.6 | 40 | 31 | 172 | 0.32 | 4.60 | | ke BUD | 17001374 | BUD | | | 219 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 3.2 | 0.1 | 16 BUD | 17001374 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZAG | 0.32 | 348.8 | Pg | 14:22:51.839 | 0.3 | | | | | T__ | | 24966.6 | | --- | ML | 3.6 | 6645054 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.32 | 348.8 | Lg | 14:22:57.766 | 1.6 | | | | | T__ | | | | --- | | 6645067 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.40 | 349.2 | Pg | 14:22:52.440 | -0.9 | | | | | T__ | | 7645.3 | | --- | ML | 3.3 | 6645038 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.54 | 306.3 | Pg | 14:22:54.876 | -0.6 | | | | | T__ | | 1626.0 | | --- | ML | 3.0 | 6645055 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.54 | 306.3 | Lg | 14:23:04.035 | 0.6 | | | | | T__ | | | | --- | | 6645056 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.95 | 7.3 | Pg | 14:23:02.435 | -0.7 | | | | | T__ | | 3026.9 | | --- | ML | 3.5 | 6645059 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.95 | 7.3 | Sn | 14:23:17.976 | -0.1 | | | | | T__ | | | | --- | | 6645060 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 1.07 | 52.1 | Sn | 14:23:19.449 | -1.5 | | | | | T__ | | | | --- | | 6645068 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| BEHE | 1.08 | 26.6 | Pn | 14:23:05.287 | -0.7 | | | | | T__ | | 5058.0 | | --- | ML | 3.8 | 6645061 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 1.08 | 26.6 | Sn | 14:23:21.045 | -0.2 | | | | | T__ | | | | --- | | 6645062 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLY | 1.09 | 133.8 | Pn | 14:23:02.996 | -3.5 | | | | | T__ | | 1138.8 | | --- | ML | 3.2 | 6645057 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 1.09 | 133.8 | Sn | 14:23:16.540 | -5.6 | | | | | T__ | | | | --- | | 6645058 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 1.28 | 70.9 | Lg | 14:23:25.201 | -1.2 | | | | | T__ | | | | --- | | 6645069 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A263A | 1.42 | 36.9 | Sn | 14:23:28.962 | -0.3 | | | | | T__ | | | | --- | | 6645070 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| OBKA | 1.46 | 313.7 | Pg | 14:23:12.338 | 0.5 | | | | | T__ | | 1024.6 | | --- | ML | 3.3 | 6645039 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | |
|---|------|-------|----|--------------|------|-----|-------|-----|---------|------|---------|------|-----|------|--------------------|
| (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1) | | | | | | | | | | | | | | | |
| A265A | 1.51 | 52.0 | Lg | 14:23:30.732 | -2.8 | T__ | | | 6645071 | FDSN | Z3 | 00 | BUD | iLoc | HHN ??? _ |
| KOVH | 1.53 | 67.0 | Pn | 14:23:09.458 | -2.5 | T__ | 405.0 | --- | ML | 3.0 | 6645063 | FDSN | HU | -- | BUD iLoc HHZ HHZ _ |
| KOVH | 1.53 | 67.0 | Sn | 14:23:28.125 | -3.9 | T__ | | --- | | | 6645064 | FDSN | HU | -- | BUD iLoc HHN ??? _ |
| (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=0) | | | | | | | | | | | | | | | |
| ARSA | 1.78 | 347.8 | Pn | 14:23:15.488 | -0.5 | T__ | 470.6 | --- | ML | 3.2 | 6645040 | FDSN | OE | -- | BUD iLoc HHZ HHZ _ |
| ARSA | 1.78 | 347.8 | Sn | 14:23:40.025 | 1.7 | T__ | | --- | | | 6645072 | FDSN | OE | -- | BUD iLoc HHN ??? _ |
| (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | |
| TIH | 1.88 | 41.6 | Pg | 14:23:24.640 | 4.5 | --- | | --- | | | 6645043 | FDSN | HU | -- | BUD iLoc HHZ ??? _ |
| MORH | 1.93 | 67.6 | Pn | 14:23:14.996 | -2.4 | T__ | 416.0 | --- | ML | 3.2 | 6645065 | FDSN | HU | -- | BUD iLoc HHZ HHZ _ |
| (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | |
| MPLH | 1.95 | 30.9 | Pg | 14:23:21.020 | -0.4 | T__ | 483.2 | --- | ML | 3.3 | 6645041 | FDSN | HU | -- | BUD iLoc HHZ HHZ _ |
| (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1) | | | | | | | | | | | | | | | |
| EGYH | 2.10 | 24.0 | Pg | 14:23:31.630 | 7.5 | --- | | --- | | | 6645045 | FDSN | HU | -- | BUD iLoc HHZ ??? _ |
| EGYH | 2.10 | 24.0 | Lg | 14:23:53.963 | 1.6 | T__ | | --- | | | 6645073 | FDSN | HU | -- | BUD iLoc HHN ??? _ |
| RONA | 2.20 | 3.9 | Pn | 14:23:21.758 | 0.1 | T__ | 272.9 | --- | ML | 3.2 | 6645042 | FDSN | OE | -- | BUD iLoc HHZ HHZ _ |
| (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | |
| SOP | 2.20 | 8.5 | Pn | 14:23:20.316 | -1.2 | T__ | 216.6 | --- | ML | 3.1 | 6645066 | FDSN | HU | -- | BUD iLoc HHZ HHZ _ |
| (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=0) | | | | | | | | | | | | | | | |
| A267A | 2.20 | 48.4 | Lg | 14:23:56.397 | 0.4 | T__ | | --- | | | 6645074 | FDSN | Z3 | 00 | BUD iLoc HHN ??? _ |
| A018A | 2.34 | 343.2 | Lg | 14:24:03.256 | 4.1 | T__ | | --- | | | 6645076 | FDSN | Z3 | 00 | BUD iLoc HHN ??? _ |
| A272A | 2.36 | 57.4 | Lg | 14:24:01.264 | 0.2 | T__ | | --- | | | 6645075 | FDSN | Z3 | 00 | BUD iLoc HHN ??? _ |
| CONA | 2.42 | 356.6 | Pn | 14:23:24.928 | -0.0 | T__ | 196.4 | --- | ML | 3.1 | 6645044 | FDSN | OE | -- | BUD iLoc HHZ HHZ _ |
| (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | |
| HU09A | 2.66 | 35.9 | Sn | 14:24:00.822 | 1.2 | T__ | | --- | | | 6645079 | FDSN | ZJ | 00 | BUD iLoc HHN ??? _ |
| HU21A | 2.68 | 70.8 | Lg | 14:24:10.557 | -1.1 | T__ | | --- | | | 6645077 | FDSN | ZJ | 00 | BUD iLoc HHN ??? _ |
| HU04A | 2.70 | 59.9 | Lg | 14:24:11.884 | -0.4 | T__ | | --- | | | 6645078 | FDSN | ZJ | 00 | BUD iLoc HHE ??? _ |
| BUD | 2.84 | 44.8 | Pg | 14:23:40.150 | 1.9 | T__ | | --- | | | 6645047 | FDSN | HU | -- | BUD iLoc HHZ ??? _ |
| MODS | 2.98 | 15.6 | Pg | 14:23:47.010 | 6.2 | --- | | --- | | | 6645049 | FDSN | SK | -- | BUD iLoc HHZ ??? _ |
| HU01A | 3.06 | 51.9 | Lg | 14:24:23.832 | -0.5 | T__ | | --- | | | 6645080 | FDSN | ZJ | 00 | BUD iLoc HHE ??? _ |
| CKRC | 3.52 | 340.6 | Pn | 14:23:40.680 | 0.7 | T__ | 323.2 | --- | ML | 4.0 | 6645048 | FDSN | CZ | -- | BUD iLoc HHZ HHZ _ |
| (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=0) | | | | | | | | | | | | | | | |
| KRUC | 3.56 | 3.4 | Pg | 14:23:52.208 | 1.5 | T__ | | --- | | | 6645050 | FDSN | CZ | -- | BUD iLoc HHZ ??? _ |
| PSZ | 3.56 | 46.1 | Pg | 14:24:00.960 | 8.1 | --- | | --- | | | 6645053 | FDSN | GE | -- | BUD iLoc HHZ ??? _ |
| BZS | 3.89 | 86.5 | Pg | 14:24:00.369 | 4.2 | T__ | | --- | | | 6645052 | FDSN | RO | -- | BUD iLoc BHZ ??? _ |
| SIRR | 3.97 | 77.0 | Pn | 14:23:37.769 | -8.3 | --- | | --- | | | 6645046 | FDSN | RO | -- | BUD iLoc BHZ ??? _ |
| SIRR | 3.97 | 77.0 | Lg | 14:24:53.258 | 0.7 | T__ | | --- | | | 6645081 | FDSN | RO | -- | BUD iLoc BHE ??? _ |
| HU02A | 4.02 | 47.9 | Lg | 14:24:56.798 | 0.9 | T__ | | --- | | | 6645082 | FDSN | ZJ | 00 | BUD iLoc HHN ??? _ |
| PRU | 4.60 | 347.5 | Pn | 14:23:57.888 | 3.0 | T__ | 80.3 | --- | ML | 3.7 | 6645051 | FDSN | CZ | -- | BUD iLoc HHZ HHZ _ |
| PRU | 4.60 | 347.5 | Lg | 14:25:17.595 | 8.6 | --- | | --- | | | 6645083 | FDSN | CZ | -- | BUD iLoc HHE ??? _ |
| (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=0) | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/06/09 | 05:53:53.10 | 1.16 | 1.03 | 47.3175 | 18.3351 | 9.6 | 5.1 | 79 | 0.0f | | 13 | 9 | 109 | 0.07 | 1.27 | kx | BUD | 17001376 | BUD | | | 153 |
| 2021/06/09 | 05:53:53.15 | 0.93 | 0.92 | 47.3167 | 18.3081f | | | | 0.0f | | 13 | 9 | 111 | 0.06 | 1.27 | kx | BUD_GT | 17001377 | BUD_GT | | | 151 |

(locality : Magyaralmás Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.7 | 0.1 | 5 BUD_GT | 17001377 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 325.1 | Pg | 05:53:55.600 | 0.6 | | | | | T__ | | 2494.2 | | --- | ML | 1.9 | 6647182 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 325.1 | Lg | 05:53:56.238 | -0.7 | | | | | T__ | | | | --- | | 6647183 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 336.4 | Pg | 05:53:56.076 | 0.6 | | | | | T__ | | 1798.1 | | --- | ML | 1.8 | 6647192 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 336.4 | Lg | 05:53:57.259 | -0.5 | | | | | T__ | | | | --- | | 6647193 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.14 | 298.3 | Pg | 05:53:57.353 | 0.8 | | | | | T__ | | 425.8 | | --- | ML | 1.3 | 6647194 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.33 | 8.9 | Lg | 05:54:05.261 | -0.8 | | | | | T__ | | | | --- | | 6647189 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.13 | 168.1 | Lg | 05:54:30.793 | -1.1 | | | | | T__ | | | | --- | | 6647184 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 1.23 | 16.6 | Pg | 05:54:17.461 | -0.6 | | | | | T__ | | 10.2 | | --- | ML | 1.2 | 6647185 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.23 | 16.6 | Sn | 05:54:34.529 | -1.0 | | | | | T__ | | | | --- | | 6647190 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.23 | 60.1 | Pn | 05:54:17.410 | 0.7 | | | | | T__ | | 36.2 | | --- | ML | 1.7 | 6647186 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.23 | 60.1 | Sn | 05:54:34.522 | -0.9 | | | | | T__ | | | | --- | | 6647187 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.24 | 186.7 | Sn | 05:54:34.419 | -0.4 | | | | | T__ | | | | --- | | 6647188 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MODS | 1.27 | 327.1 | Sn | 05:54:34.427 | -1.9 | | | | | T__ | | | | --- | | 6647191 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/06/09 | 08:46:04.35 | 1.01 | 1.07 | 46.1871 | 18.2768 | 9.1 | 3.7 | 152 | 0.0f | | 6 | 4 | 147 | 0.16 | 1.04 | kx | BUD | 17001378 | BUD | | | 274 |
| 2021/06/09 | 08:46:04.37 | 1.00 | 0.93 | 46.1765 | 18.2926f | | | | 0.0f | | 6 | 4 | 155 | 0.16 | 1.05 | kx | BUD_GT | 17001379 | BUD_GT | | | 275 |

(locality : Komló Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 08:46:08.468 | 0.2 | | | | | T__ | | 616.3 | | --- | ML | 1.5 | 6647268 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 08:46:10.614 | -0.7 | | | | | T__ | | | | --- | | 6647269 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 08:46:10.307 | 0.4 | | | | | T__ | | 254.4 | | --- | ML | 1.4 | 6647271 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 08:46:14.138 | -0.2 | | | | | T__ | | | | --- | | 6647270 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Lg | 08:46:17.173 | -0.6 | | | | | T__ | | | | --- | | 6647273 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|-------|--------|----------------------------|-----------|------|-------|------|-------|-----|------|---------|-----|---------|-----------|---------|---------|----------|------|-------|------|------|-----|-----|---|
| A271A | 1.05 | 20.7 | Sn | 08:46:39.473 | -1.8 | | | | T__ | | | | | 6647272 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
| 2021/06/09 | 09:12:16.02 | 1.03 | 0.61 | 48.2434 | 21.2364 | 5.4 | 3.6 | 130 | 0.0f | | 15 | 9 | 131 | 0.05 | 1.33 | sx | BUD | 17001380 | BUD | | | 183 | | | |
| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
| ML | 2.2 | 0.1 | 7 | BUD | 17001380 | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| ABAH | 0.05 | 2.4 | Pg | 09:12:17.750 | 0.1 | | | | | T__ | | 17465.2 | | _c_ | ML | 2.7 | 6647313 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 2.4 | Lg | 09:12:18.619 | -0.7 | | | | | T__ | | | | --- | | 6647314 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.49 | 256.0 | Pg | 09:12:26.415 | -0.0 | | | | | T__ | | 118.2 | | --- | ML | 1.7 | 6647307 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.49 | 256.0 | Lg | 09:12:34.230 | -0.2 | | | | | T__ | | | | --- | | 6647306 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.8 | Pg | 09:12:27.079 | 0.4 | | | | | T__ | | 106.0 | | --- | ML | 1.8 | 6647308 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.8 | Lg | 09:12:34.478 | -0.3 | | | | | T__ | | | | --- | | 6647315 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.9 | Pg | 09:12:27.845 | 0.6 | | | | | T__ | | 232.8 | | --- | ML | 2.2 | 6647309 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.9 | Lg | 09:12:35.628 | -0.1 | | | | | T__ | | | | --- | | 6647316 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| | | | | (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.88 | 96.9 | Pg | 09:12:32.997 | -0.2 | | | | | T__ | | 166.4 | | --- | ML | 2.2 | 6647317 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.90 | 228.0 | Pn | 09:12:34.734 | 0.1 | | | | | T__ | | 633.6 | | --- | ML | 2.8 | 6647318 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU23A | 0.90 | 228.0 | Lg | 09:12:47.580 | -0.8 | | | | | T__ | | | | --- | | 6647319 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 09:12:36.241 | 0.5 | | | | | T__ | | 118.8 | | --- | ML | 2.1 | 6647320 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 09:12:50.013 | -0.5 | | | | | T__ | | | | --- | | 6647311 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.5 | Pg | 09:12:35.507 | 0.9 | | | | | T__ | | | | --- | | 6647310 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| NIE | 1.33 | 332.6 | Lg | 09:12:59.412 | -1.2 | | | | | T__ | | | | --- | | 6647312 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
| 2021/06/10 | 07:14:21.02 | 0.91 | 1.24 | 47.6925 | 18.5755 | 4.3 | 3.2 | 119 | 0.0f | | 20 | 13 | 135 | 0.14 | 1.11 | sx | BUD | 17001386 | BUD | | | 137 | | | |
| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
| ML | 1.8 | 0.3 | 7 | BUD | 17001386 | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| HU09A | 0.14 | 247.6 | Pg | 07:14:24.700 | 0.3 | | | | | T__ | | 2714.8 | | _c_ | ML | 2.1 | 6648948 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.14 | 247.6 | Lg | 07:14:25.892 | -1.5 | | | | | T__ | | | | --- | | 6648949 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| SR0 | 0.21 | 304.4 | Pg | 07:14:26.339 | 0.6 | T__ | 5415.3 | --- | ML | 2.6 | 6648947 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SR0 | 0.21 | 304.4 | Lg | 07:14:29.990 | 0.1 | T__ | | --- | | | 6648946 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.37 | 215.7 | Pg | 07:14:29.402 | 0.6 | T__ | 207.3 | --- | ML | 1.6 | 6648961 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.37 | 215.7 | Lg | 07:14:34.082 | -1.3 | T__ | | --- | | | 6648962 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.39 | 213.0 | Pg | 07:14:29.915 | 0.7 | T__ | 299.3 | --- | ML | 1.9 | 6648950 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.39 | 213.0 | Lg | 07:14:34.683 | -1.5 | T__ | | --- | | | 6648951 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.43 | 224.7 | Lg | 07:14:36.973 | -0.5 | T__ | | --- | | | 6648963 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MSW2 | 0.46 | 212.5 | Pg | 07:14:31.467 | 0.9 | T__ | 101.6 | --- | ML | 1.6 | 6648965 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.46 | 212.5 | Lg | 07:14:38.028 | -0.5 | T__ | | --- | | | 6648964 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.51 | 239.6 | Lg | 07:14:38.036 | -2.0 | T__ | | --- | | | 6648952 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| VYHS | 0.82 | 12.2 | Lg | 07:14:49.779 | -0.1 | T__ | | --- | | | 6648953 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MPLH | 0.88 | 233.8 | Pg | 07:14:40.466 | 1.8 | T__ | 71.6 | --- | ML | 1.8 | 6648954 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.88 | 233.8 | Lg | 07:14:52.535 | 1.0 | T__ | | --- | | | 6648955 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.89 | 252.3 | Lg | 07:14:51.269 | -0.7 | T__ | | --- | | | 6648956 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 0.89 | 77.5 | Pn | 07:14:40.466 | 0.7 | T__ | 31.8 | --- | ML | 1.5 | 6648958 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.89 | 77.5 | Lg | 07:14:51.939 | -1.2 | T__ | | --- | | | 6648957 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.92 | 75.3 | Lg | 07:14:52.908 | -1.4 | T__ | | --- | | | 6648959 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.11 | 308.5 | Lg | 07:14:58.198 | -2.1 | T__ | | --- | | | 6648960 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/10 | 09:40:28.00 | 4.44 | 0.87 | 46.9314 | 22.3108 | 40.8 | 7.0 | 166 | 0.0f | | 7 | 4 | 262 | 0.31 | 1.57 | sx | BUD | 17001388 | BUD | | | 313 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.0 | 3 BUD | 17001388 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.31 | 116.8 | Pg | 09:40:34.350 | -0.1 | | | | | T__ | | 192.7 | | | ML | 1.4 | 6649750 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.31 | 116.8 | Lg | 09:40:39.789 | 0.1 | | | | | T__ | | | | | | 6649751 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.80 | 214.3 | Pg | 09:40:44.334 | 0.1 | | | | | T__ | | 30.7 | | | ML | 1.4 | 6649753 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.80 | 214.3 | Lg | 09:40:55.733 | -0.7 | | | | | T__ | | | | | | 6649752 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.40 | 200.4 | Sn | 09:41:14.135 | 0.4 | | | | | T__ | | | | | | 6649754 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.57 | 167.9 | Pn | 09:40:57.372 | 0.7 | | | | | T__ | | 35.3 | | | ML | 1.9 | 6649756 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.57 | 167.9 | Sn | 09:41:19.723 | 1.3 | | | | | T__ | | | | | | 6649755 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/06/10 | 09:51:01.55 | 1.26 | 0.84 | 47.2301 | 18.2794 | 7.3 | 4.6 | 112 | 0.0f | 14 | 9 | 170 | 0.09 | 1.15 | kx | BUD | 17001390 | BUD | | | | 191 |
| 2021/06/10 | 09:51:01.52 | 0.91 | 0.78 | 47.2302 | 18.2835f | | | | 0.0f | 14 | 9 | 172 | 0.09 | 1.15 | kx | BUD_GT | 17001391 | BUD_GT | | | | 192 |

(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.3 | 0.0 | 5 BUD_GT | 17001391 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.09 | 325.6 | Pg | 09:51:04.053 | 0.1 | | | | | T__ | | 536.1 | | ___ | ML | 1.3 | 6649811 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.09 | 325.6 | Lg | 09:51:05.347 | -1.0 | | | | | T__ | | | | --- | | 6649812 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 353.3 | Pg | 09:51:05.312 | 0.5 | | | | | T__ | | 380.4 | | ___ | ML | 1.3 | 6649803 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 353.3 | Lg | 09:51:07.249 | -0.7 | | | | | T__ | | | | --- | | 6649804 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.16 | 354.2 | Pg | 09:51:06.156 | 0.7 | | | | | T__ | | 223.5 | | ___ | ML | 1.1 | 6649814 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.16 | 354.2 | Lg | 09:51:08.259 | -0.7 | | | | | T__ | | | | --- | | 6649813 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.19 | 325.1 | Pg | 09:51:06.918 | 1.1 | | | | | T__ | | 133.6 | | ___ | ML | 0.9 | 6649815 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.19 | 325.1 | Lg | 09:51:09.252 | -0.4 | | | | | T__ | | | | --- | | 6649816 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.32 | 309.6 | Lg | 09:51:13.358 | -0.7 | | | | | T__ | | | | --- | | 6649805 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.51 | 263.5 | Pg | 09:51:12.837 | 0.7 | | | | | T__ | | 60.6 | | ___ | ML | 1.5 | 6649807 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.51 | 263.5 | Lg | 09:51:19.244 | -0.9 | | | | | T__ | | | | --- | | 6649806 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.05 | 166.2 | Lg | 09:51:36.678 | -0.9 | | | | | T__ | | | | --- | | 6649808 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A337A | 1.07 | 342.0 | Sn | 09:51:38.988 | -0.5 | | | | | T__ | | | | --- | | 6649809 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.15 | 186.4 | Sn | 09:51:40.105 | -0.9 | | | | | T__ | | | | --- | | 6649810 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/06/10 | 14:48:14.88 | 1.50 | 0.40 | 47.3068 | 18.0998 | 8.2 | 5.7 | 168 | 8.1 | 11.0 | 10 | 6 | 122 | 0.08 | 1.15 | ke | BUD | 17001392 | BUD | | | | 212 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.9 | 0.2 | 4 BUD | 17001392 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.08 | 93.4 | Pg | 14:48:17.397 | 0.2 | | | | | T__ | | 442.5 | | _c_ | ML | 1.2 | 6650405 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.08 | 93.4 | Lg | 14:48:19.104 | -0.2 | | | | | T__ | | | | --- | | 6650404 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.08 | 13.2 | Pg | 14:48:17.416 | 0.2 | | | | | T__ | | 178.8 | | _d_ | ML | 0.8 | 6650402 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.08 | 13.2 | Lg | 14:48:19.047 | -0.3 | | | | | T__ | | | | --- | | 6650403 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| CSKK | 0.12 | 62.7 | Pg | 14:48:18.126 | 0.1 | T__ | 246.1 | ___ | ML | 1.0 | 6650406 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.12 | 62.7 | Lg | 14:48:20.735 | 0.0 | T__ | | --- | | | 6650407 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.14 | 51.4 | Pg | 14:48:18.356 | 0.1 | T__ | 152.0 | _d | ML | 0.9 | 6650409 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.14 | 51.4 | Lg | 14:48:20.927 | -0.2 | T__ | | --- | | | 6650408 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.41 | 250.5 | Lg | 14:48:29.290 | -0.2 | T__ | | --- | | | 6650410 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| MORH | 1.15 | 160.9 | Sn | 14:48:51.401 | -0.8 | T__ | | --- | | | 6650411 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/06/11 | 10:00:24.67 | 2.88 | 1.00 | 47.8556 | 20.1592 | 30.3 | 4.2 | 162 | 0.0f | | 7 | 4 | 234 | 0.19 | 0.69 | kx | BUD | 17001396 | BUD | | | 255 |
| 2021/06/11 | 10:00:24.66 | 0.98 | 0.58 | 47.8650 | 20.1529f | | | | 0.0f | | 7 | 4 | 230 | 0.18 | 0.68 | kx | BUD_GT | 17001397 | BUD_GT | | | 252 |
| (locality : Kisnána Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| | | | | |
|-----------|-----|------|----------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.3 | 0.1 | 4 BUD_GT | 17001397 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 10:00:29.594 | 0.5 | | | | | T__ | | 376.5 | | --- | ML | 1.4 | 6653048 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 10:00:32.009 | -0.8 | | | | | T__ | | | | --- | | 6653050 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 10:00:29.594 | 0.5 | | | | | T__ | | 309.5 | | --- | ML | 1.3 | 6653049 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 10:00:32.494 | -0.1 | | | | | T__ | | | | --- | | 6653051 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 10:00:32.643 | 0.1 | | | | | T__ | | 66.6 | | --- | ML | 1.1 | 6653052 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.0 | Lg | 10:00:37.821 | -0.8 | | | | | T__ | | | | --- | | 6653053 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.68 | 22.1 | Pn | 10:00:39.795 | -0.5 | | | | | T__ | | 20.4 | | --- | ML | 1.2 | 6653054 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/06/12 | 05:10:03.34 | 2.65 | 0.77 | 47.4661 | 18.5050 | 17.8 | 6.1 | 103 | 0.0f | | 9 | 5 | 256 | 0.18 | 0.27 | sx | BUD | 17001398 | BUD | | | | | 338 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 0.7 | 0.3 | 4 BUD | 17001398 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.18 | 246.4 | Pg | 05:10:07.960 | 0.4 | | | | | T__ | | 165.6 | | --- | ML | 1.0 | 6653900 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.18 | 246.4 | Lg | 05:10:10.444 | -0.9 | | | | | T__ | | | | --- | | 6653904 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.19 | 334.4 | Lg | 05:10:10.674 | -0.9 | | | | | T__ | | | | --- | | 6653903 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| CSKK | 0.20 | 238.3 | Pg | 05:10:07.941 | 0.1 | | | | | T__ | | 118.9 | | --- | ML | 0.9 | 6653899 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

```

CSKK 0.20 238.3 Lg 05:10:11.192 -0.6 T__ --- 6653905 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW2 0.26 230.7 Pg 05:10:09.303 0.3 T__ 27.5 --- ML 0.5 6653901 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.26 230.7 Lg 05:10:13.187 -0.8 T__ --- 6653906 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
MSW3 0.27 252.2 Pg 05:10:10.002 0.8 T__ 30.4 --- ML 0.5 6653907 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.27 252.2 Lg 05:10:14.520 0.2 T__ --- 6653902 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/12 08:41:46.86 1.00 0.21 46.1698 18.2872 9.7 3.7 155 0.0f 6 4 158 0.15 1.13 kx BUD 17001400 BUD 253
2021/06/12 08:41:46.87 1.00 0.22 46.1765 18.2926f 0.0f 6 4 155 0.16 1.12 kx BUD_GT 17001401 BUD_GT 251
(locality : Komló Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 08:41:50.700 -0.0 T__ 720.7 --- ML 1.6 6653930 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 08:41:53.382 -0.4 T__ --- 6653931 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 0.25 80.9 Pg 08:41:52.562 0.2 T__ 291.2 --- ML 1.5 6653933 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 08:41:56.735 -0.1 T__ --- 6653932 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A266A 0.35 356.8 Lg 08:42:00.385 0.1 T__ --- 6653934 FDSN Z3 00 BUD iLoc HHE ??? _
MPLH 1.12 332.7 Sn 08:42:25.418 -0.0 T__ --- 6653935 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/13 00:47:50.56 1.08 0.24 47.7562 16.1673 6.0 3.5 18 10.7 9.6 12 7 98 0.10 1.32 ke BUD 17001404 BUD 178

```

Magnitude Err Nsta Author OrigID
ML 0.8 0.6 5 BUD 17001404

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.10 123.0 Pg 00:47:53.669 0.0 T__ 65.5 --- ML 0.4 6654637 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.10 123.0 Lg 00:47:55.507 -0.3 T__ --- 6654638 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=0
CONA 0.27 310.0 Pg 00:47:56.465 0.0 T__ 24.8 --- ML 0.4 6654640 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.27 310.0 Lg 00:48:00.245 -0.2 T__ --- 6654639 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
SOP 0.27 105.3 Pg 00:47:56.644 0.2 T__ 58.2 --- ML 0.8 6654641 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.27 105.3 Lg 00:48:00.571 0.1 T__ --- 6654644 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1

```



```

(Station ML: 0.8 magdef=1
A013A 0.60 301.3 Pg 00:48:02.263 0.0 T__ 34.6 --- ML 1.4 6654643 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.60 301.3 Lg 00:48:10.499 0.4 T__ --- 6654642 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
ARSA 0.67 221.0 Pg 00:48:03.610 -0.0 T__ 28.8 --- ML 1.3 6654646 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.67 221.0 Lg 00:48:12.051 -0.1 T__ --- 6654645 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MODS 0.97 49.9 Lg 00:48:23.965 -0.3 T__ --- 6654647 FDSN SK -- BUD iLoc HHE ??? _
KRUC 1.32 6.5 Sn 00:48:31.831 -0.0 T__ --- 6654648 FDSN CZ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/14 06:37:19.93 0.92 1.12 47.3157 17.6521 5.0 3.2 156 0.0f 11 7 122 0.16 1.30 kx BUD 17001406 BUD 209
2021/06/14 06:37:19.89 0.91 0.89 47.3300 17.6350f 0.0f 11 7 129 0.17 1.31 kx BUD_GT 17001407 BUD_GT 220
(locality : Ugod Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD_GT 17001407

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MPLH 0.17 202.2 Pg 06:37:24.234 0.2 T__ 459.0 --- ML 1.4 6656813 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.17 202.2 Lg 06:37:26.834 -0.5 T__ --- 6656820 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A 0.22 62.6 Pg 06:37:25.256 0.4 T__ 299.4 --- ML 1.4 6656816 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.22 62.6 Lg 06:37:28.780 -0.4 T__ --- 6656815 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
EGYH 0.22 293.0 Pg 06:37:26.076 1.1 T__ 958.4 --- ML 1.9 6656821 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.22 293.0 Lg 06:37:28.219 -0.9 T__ --- 6656814 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW3 0.34 80.8 Pg 06:37:27.781 0.7 T__ 197.1 --- ML 1.5 6656822 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.34 80.8 Lg 06:37:32.330 -0.9 T__ --- 6656823 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CSKK 0.43 85.3 Lg 06:37:34.450 -1.9 T__ --- 6656817 FDSN HU -- BUD iLoc HHN ??? _
KOVH 1.28 165.4 Lg 06:38:03.514 -0.1 T__ --- 6656818 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.31 147.8 Sn 06:38:03.820 0.6 T__ --- 6656819 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/14 09:10:05.40 1.38 1.06 47.2181 18.2507 16.5 6.7 77 0.0f 6 4 177 0.09 1.32 kx BUD 17001408 BUD 284
2021/06/14 09:10:05.52 1.03 0.78 47.2302 18.2835f 0.0f 6 4 159 0.09 1.29 kx BUD_GT 17001409 BUD_GT 268
(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|---------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.09 | 325.6 | Pg | 09:10:08.317 | 0.4 | | | | | T__ | | 410.9 | | --- | ML | 1.2 | 6656896 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.09 | 325.6 | Lg | 09:10:09.333 | -1.0 | | | | | T__ | | | | --- | | 6656897 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 353.3 | Pg | 09:10:09.417 | 0.6 | | | | | T__ | | 258.1 | | --- | ML | 1.1 | 6656892 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 353.3 | Lg | 09:10:11.614 | -0.4 | | | | | T__ | | | | --- | | 6656893 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.05 | 166.2 | Lg | 09:10:40.524 | -1.1 | | | | | T__ | | | | --- | | 6656894 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.29 | 57.1 | Sn | 09:10:48.696 | -0.6 | | | | | T__ | | | | --- | | 6656895 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|--------|----------|-------|-----|-----|-----|
| 2021/06/14 | 22:35:30.05 | 2.36 | 0.41 | 48.0447 | 20.6218 | 14.7 | 8.2 | 179 | 5.0f | | | 7 | 4 | 261 | 0.10 | 0.48 | ke | BUD | 17001410 | BUD | | | 327 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.9 | 0.8 | 3 BUD | 17001410 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|---------------------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.10 | 320.1 | Pg | 22:35:32.784 | 0.1 | | | | | T__ | | 47.4 | | _c | ML | 0.3 | 6657761 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.10 | 320.1 | Lg | 22:35:34.500 | -0.4 | | | | | T__ | | | | --- | | 6657759 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.45 | 348.3 | Pg | 22:35:39.353 | 0.3 | | | | | T__ | | 74.1 | | --- | ML | 1.4 | 6657758 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.45 | 348.3 | Lg | 22:35:46.095 | 0.2 | | | | | T__ | | | | --- | | 6657757 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.45 | 353.1 | Pg | 22:35:39.290 | 0.2 | | | | | T__ | | 19.8 | | --- | ML | 0.9 | 6657763 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.45 | 353.1 | Lg | 22:35:45.560 | -0.5 | | | | | T__ | | | | --- | | 6657762 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.48 | 58.5 | Lg | 22:35:47.346 | -0.3 | | | | | T__ | | | | --- | | 6657760 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|--------|----------|-------|-----|-----|-----|
| 2021/06/15 | 08:40:16.19 | 1.09 | 0.87 | 47.3595 | 18.3937 | 5.5 | 4.2 | 121 | 0.0f | | | 15 | 11 | 110 | 0.09 | 1.17 | sx | BUD | 17001412 | BUD | | | 184 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.2 | 4 BUD | 17001412 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|---------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 272.3 | Pg | 08:40:18.492 | -0.2 | | | | | T__ | | 2818.7 | | --- | ML | 2.0 | 6657888 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 272.3 | Lg | 08:40:20.331 | -0.8 | | | | | T__ | | | | --- | | 6657889 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.10 | 290.1 | Lg | 08:40:20.754 | -0.6 | | | | | T__ | | | | --- | | 6657898 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.14 | 245.3 | Pg | 08:40:19.987 | 0.5 | | | | | T__ | | 310.4 | | --- | ML | 1.2 | 6657900 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.14 | 245.3 | Lg | 08:40:21.939 | -0.7 | | | | | T__ | | | | --- | | 6657899 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.18 | 277.5 | Pg | 08:40:21.218 | 0.8 | | | | | T__ | | 278.1 | | --- | ML | 1.3 | 6657901 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

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MSW3  0.18 277.5 Lg      08:40:23.589 -0.6      T__      ---      6657902   FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU09A  0.28 358.4 Lg      08:40:27.431 -0.1      T__      ---      6657890   FDSN ZJ      00 BUD  iLoc  HHE ??? _
HU08A  0.33 282.9 Lg      08:40:28.618 -0.4      T__      ---      6657895   FDSN ZJ      00 BUD  iLoc  HHE ??? _
MPLH   0.61 252.3 Lg      08:40:38.719  0.6      T__      ---      6657891   FDSN HU      -- BUD  iLoc  HHE ??? _
HU10A  0.64 40.8 Lg       08:40:39.702 -0.5      T__      ---      6657896   FDSN ZJ      00 BUD  iLoc  HHE ??? _
MORH   1.16 171.4 Lg      08:40:55.269 -1.8      T__      ---      6657894   FDSN HU      -- BUD  iLoc  HHE ??? _
PSZ    1.16 60.6 Sn       08:40:56.392 -0.4      T__      ---      6657892   FDSN GE      -- BUD  iLoc  HHE ??? _
VYHS   1.17 14.5 Pn       08:40:39.332  0.4      T__      16.8     --- ML    1.4 6657893   FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS   1.17 14.5 Sn       08:40:55.690 -1.4      T__      ---      6657897   FDSN SK      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/06/16 07:29:05.32  1.01  0.46 46.1803 18.2818  9.3  3.7 153  0.0f      6  4 152  0.16  1.18  kx BUD      17001414  BUD      276
2021/06/16 07:29:05.33  1.00  0.29 46.1765 18.2926f  0.0f      6  4 155  0.16  1.19  kx BUD_GT  17001415  BUD_GT    275
(locality : Komló Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
KOVH  0.16 236.7 Pg      07:29:08.998 -0.2      T__      577.5      --- ML    1.5 6659337   FDSN HU      -- BUD  iLoc  HHZ HHZ _
KOVH  0.16 236.7 Lg      07:29:12.574  0.3      T__      ---      6659336   FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH  0.25 80.9 Pg       07:29:11.158  0.3      T__      153.4     --- ML    1.2 6659338   FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH  0.25 80.9 Lg      07:29:14.884 -0.4      T__      ---      6659339   FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A266A 0.35 356.8 Lg      07:29:18.534 -0.2      T__      ---      6659340   FDSN Z3      00 BUD  iLoc  HHN ??? _
CSKK  1.19 358.9 Sn      07:29:45.908  0.0      T__      ---      6659341   FDSN HU      -- BUD  iLoc  HHE ??? _

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/06/16 07:41:55.97  2.64  0.97 48.3933 21.3267  16.9  5.9  74  0.0f      8  5 243  0.11  1.23  sx BUD      17001416  BUD      289

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 3 BUD 17001416

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
ABAH  0.11 210.8 Pg      07:41:58.979  0.2      T__      237.8     --- ML    1.0 6659365   FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH  0.11 210.8 Lg      07:42:00.811 -0.5      T__      ---      6659368   FDSN HU      -- BUD  iLoc  HHZ ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
JOS   0.53 281.4 Pg      07:42:07.301  0.6      T__      35.8     --- ML    1.3 6659364   FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.53 281.4 Lg      07:42:14.103 -0.8      T__      ---      6659366   FDSN ZJ      -- BUD  iLoc  HHZ ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS  0.57 279.4 Lg      07:42:15.935 -0.1      T__      ---      6659369   FDSN SK      -- BUD  iLoc  EHN ??? _

```

```

HU02A 0.60 243.4 Pg 07:42:08.920 0.4 T__ 29.5 ___ ML 1.3 6659363 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.60 243.4 Lg 07:42:17.680 -0.4 T__ ___ 6659367 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
NIE 1.23 326.9 Lg 07:42:35.567 -1.8 T__ ___ 6659370 FDSN PL -- BUD iLoc BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/16 08:38:38.31 1.01 1.38 47.3223 17.6286 7.2 3.4 144 0.0f 11 8 127 0.16 1.08 sx BUD 17001418 BUD 218

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Magnitude Err Nsta Author OrigID
ML 1.4 0.2 3 BUD 17001418

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MPLH 0.16 201.8 Pg 08:38:42.582 0.3 T__ 450.6 ___ ML 1.4 6659513 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.16 201.8 Lg 08:38:44.221 -1.3 T__ ___ 6659514 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A 0.23 61.4 Pg 08:38:43.350 -0.1 T__ 570.1 ___ ML 1.7 6659518 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.23 61.4 Lg 08:38:45.754 -2.1 T__ ___ 6659515 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW3 0.34 79.6 Lg 08:38:50.854 -0.9 T__ ___ 6659519 FDSN HU -- BUD iLoc HHN ??? _
MSW2 0.40 92.7 Lg 08:38:53.325 -0.4 T__ ___ 6659520 FDSN HU -- BUD iLoc HHN ??? _
CSKK 0.43 84.3 Lg 08:38:54.789 -0.2 T__ ___ 6659521 FDSN HU -- BUD iLoc HHE ??? _
MSW1 0.43 80.4 Pg 08:38:48.932 1.5 T__ 61.7 ___ ML 1.3 6659523 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.43 80.4 Lg 08:38:55.155 0.1 T__ ___ 6659522 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
RONA 0.98 293.2 Lg 08:39:11.272 0.5 T__ ___ 6659516 FDSN OE -- BUD iLoc HHE ??? _
HU10A 1.08 60.4 Sn 08:39:14.028 -2.3 T__ ___ 6659517 FDSN ZJ 00 BUD iLoc HHE ??? _

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/16 09:35:42.04 3.34 0.26 47.3008 18.2384 21.2 3.0 152 0.0f 6 4 261 0.02 0.25 sx BUD 17001420 BUD 317

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.02 274.7 Pg 09:35:42.886 -0.0 T__ 459.8 ___ ML 1.0 6661985 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.02 274.7 Lg 09:35:44.102 0.0 T__ ___ 6661986 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CSKK 0.06 13.5 Pg 09:35:44.068 0.1 T__ 290.3 ___ ML 0.9 6661988 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 13.5 Lg 09:35:45.839 -0.2 T__ ___ 6661987 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW3 0.11 317.2 Lg 09:35:47.889 0.3 T__ ___ 6661989 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.25 301.5 Lg 09:35:52.058 -0.3 T__ ___ 6661990 FDSN ZJ 00 BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

```

2021/06/16 10:24:17.01 1.76 0.85 47.8215 19.8368 13.4 4.5 168 0.0f 12 8 210 0.10 1.05 sx BUD 17001422 BUD 234

Magnitude Err Nsta Author OrigID
 ML 1.4 0.2 4 BUD 17001422

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| PSZ | 0.10 | 21.8 | Pg | 10:24:19.728 | -0.2 | | | | | T__ | | 510.3 | | --- | ML | 1.3 6662018 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.10 | 21.8 | Lg | 10:24:23.006 | 0.5 | | | | | T__ | | | | --- | | 6662017 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.18 | 297.4 | Lg | 10:24:23.739 | -0.7 | | | | | T__ | | | | --- | | 6662022 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| HU02A | 0.55 | 56.7 | Pg | 10:24:29.252 | 0.6 | | | | | T__ | | 31.9 | | --- | ML | 1.3 6662024 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.55 | 56.7 | Lg | 10:24:36.702 | -1.0 | | | | | T__ | | | | --- | | 6662023 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.55 | 272.8 | Lg | 10:24:37.298 | -0.3 | | | | | T__ | | | | --- | | 6662025 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| KECS | 0.79 | 33.0 | Pg | 10:24:34.095 | 1.2 | | | | | T__ | | 68.6 | | --- | ML | 1.8 6662027 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.79 | 33.0 | Lg | 10:24:44.600 | -0.3 | | | | | T__ | | | | --- | | 6662026 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.82 | 34.6 | Pg | 10:24:34.033 | 0.6 | | | | | T__ | | 37.7 | | --- | ML | 1.5 6662019 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.82 | 34.6 | Lg | 10:24:44.463 | -1.4 | | | | | T__ | | | | --- | | 6662020 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VVHS | 0.95 | 315.5 | Lg | 10:24:50.858 | 0.7 | | | | | T__ | | | | --- | | 6662028 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| ABAH | 1.05 | 62.7 | Sn | 10:24:54.298 | -0.0 | | | | | T__ | | | | --- | | 6662021 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/06/16 23:35:43.94 0.76 0.86 46.8210 18.1997 3.0 2.5 105 10.4 1.7 41 24 36 0.22 1.73 ke BUD 17001426 BUD 51

Magnitude Err Nsta Author OrigID
 ML 2.0 0.2 21 BUD 17001426

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| TIH | 0.22 | 290.7 | Pg | 23:35:48.743 | -0.2 | | | | | T__ | | 818.7 | | _c_ | ML | 1.8 6663355 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A267A | 0.23 | 57.0 | Pg | 23:35:50.201 | 1.2 | | | | | T__ | | 446.8 | | --- | ML | 1.6 6663366 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A267A | 0.23 | 57.0 | Lg | 23:35:54.652 | 1.4 | | | | | T__ | | | | --- | | 6663367 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.30 | 171.4 | Pg | 23:35:50.531 | 0.2 | | | | | T__ | | 950.1 | | --- | ML | 2.1 6663357 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A266A | 0.30 | 171.4 | Lg | 23:35:54.927 | -0.2 | | | | | T__ | | | | --- | | 6663356 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.48 | 0.9 | Pg | 23:35:54.028 | 0.3 | | | | | T__ | | 72.5 | | --- | ML | 1.5 6663389 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.48 | 0.9 | Lg | 23:36:00.863 | -0.9 | | | | | T__ | | | | --- | | 6663390 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.48 | 215.2 | Pg | 23:35:53.772 | -0.0 | | | | | T__ | | 190.7 | | _d_ | ML | 1.9 6663360 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.48 | 215.2 | Lg | 23:36:00.530 | -0.2 | | | | | T__ | | | | --- | | 6663372 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------|-------|----|--------------|------|-----|-------|-----|--------|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| A272A | 0.53 | 98.0 | Pg | 23:35:54.927 | 0.2 | T__ | 191.2 | ___ | ML | 2.1 | 6663358 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A272A | 0.53 | 98.0 | Lg | 23:36:02.643 | -0.6 | T__ | | --- | | | 6663368 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.54 | 4.4 | Lg | 23:36:02.914 | -0.9 | T__ | | --- | | | 6663373 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A271A | 0.55 | 52.2 | Pg | 23:35:55.225 | 0.1 | T__ | 165.0 | --- | ML | 2.0 | 6663359 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A271A | 0.55 | 52.2 | Lg | 23:36:03.473 | -0.4 | T__ | | --- | | | 6663374 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.56 | 354.9 | Lg | 23:36:03.438 | -0.8 | T__ | | --- | | | 6663391 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MPLH | 0.57 | 307.9 | Pg | 23:35:55.858 | 0.3 | T__ | 65.5 | --- | ML | 1.6 | 6663361 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MPLH | 0.57 | 307.9 | Lg | 23:36:03.350 | -0.7 | T__ | | --- | | | 6663381 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.57 | 4.0 | Pg | 23:35:55.712 | 0.3 | T__ | 71.2 | --- | ML | 1.7 | 6663392 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MSW1 | 0.57 | 4.0 | Lg | 23:36:03.871 | -0.9 | T__ | | --- | | | 6663393 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.63 | 253.8 | Pg | 23:35:56.677 | 0.1 | T__ | 172.1 | --- | ML | 2.1 | 6663363 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A263A | 0.63 | 253.8 | Lg | 23:36:04.906 | -0.5 | T__ | | --- | | | 6663394 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.64 | 343.0 | Pg | 23:35:57.125 | 0.4 | T__ | 56.1 | --- | ML | 1.6 | 6663362 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU08A | 0.64 | 343.0 | Lg | 23:36:05.424 | -1.2 | T__ | | --- | | | 6663382 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.68 | 153.0 | Pg | 23:35:56.985 | -0.4 | T__ | 62.5 | --- | _c_ ML | 1.7 | 6663383 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 0.68 | 153.0 | Lg | 23:36:06.082 | -1.2 | T__ | | --- | | | 6663384 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.74 | 185.4 | Pg | 23:35:57.904 | -0.6 | T__ | 51.6 | --- | ML | 1.6 | 6663385 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 0.74 | 185.4 | Lg | 23:36:07.853 | -0.8 | T__ | | --- | | | 6663364 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| HU22A | 0.81 | 127.2 | Pg | 23:36:00.216 | 0.4 | T__ | 290.9 | --- | ML | 2.4 | 6663365 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU22A | 0.81 | 127.2 | Lg | 23:36:11.019 | -1.5 | T__ | | --- | | | 6663395 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| HU04A | 0.88 | 90.1 | Pn | 23:36:01.652 | 0.9 | T__ | 140.2 | --- | ML | 2.1 | 6663386 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU04A | 0.88 | 90.1 | Sn | 23:36:13.987 | -0.0 | T__ | | --- | | | 6663387 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.91 | 223.9 | Pg | 23:36:01.600 | -0.1 | T__ | 89.7 | --- | ML | 2.0 | 6663369 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A264A | 0.91 | 223.9 | Lg | 23:36:14.798 | 1.0 | T__ | | --- | | | 6663375 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.94 | 196.5 | Pg | 23:36:02.754 | 0.4 | T__ | 117.5 | --- | ML | 2.1 | 6663370 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A273A | 0.94 | 196.5 | Lg | 23:36:15.300 | 0.7 | T__ | | --- | | | 6663388 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.04 | 250.8 | Sn | 23:36:18.709 | 0.8 | T__ | | --- | | | 6663376 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU21A | 1.16 | 114.3 | Pn | 23:36:06.256 | 1.7 | T__ | 95.1 | --- | ML | 2.1 | 6663371 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |

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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU03A 1.44 40.8 Pg 23:36:12.488 -0.0 T__ 45.0 ___ ML 2.0 6663378 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.44 40.8 Sn 23:36:30.145 2.1 T__ ___ 6663377 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
RONA 1.57 304.8 Pn 23:36:12.153 1.4 T__ 45.5 ___ ML 2.0 6663379 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 1.73 14.2 Pg 23:36:17.331 -0.3 T__ 12.7 ___ ML 1.6 6663380 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/17 08:16:35.28 3.40 1.78 46.0864 18.0040 47.4 10.3 178 10.0f 5 3 255 0.07 1.13 kx BUD 17001428 BUD 345
2021/06/17 08:16:36.46 1.04 3.66 46.1765 18.2926f 0.0f 5 3 155 0.16 1.12 kx BUD_GT 17001429 BUD_GT 263
(locality : Komló Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
KOVH 0.16 236.7 Pg 08:16:37.425 -2.9 T__ 705.3 ___ ML 1.6 6663481 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 08:16:39.288 -4.1 T__ ___ 6663482 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 0.25 80.9 Pg 08:16:44.950 3.0 T__ 27.4 ___ ML 0.4 6663484 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 08:16:50.538 4.2 T__ ___ 6663483 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
MPLH 1.12 332.7 Sn 08:17:13.671 -1.4 T__ ___ 6663485 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/17 09:30:52.82 1.38 0.84 46.9585 22.2881 10.6 6.3 164 0.0f 9 6 100 0.33 1.42 sx BUD 17001430 BUD 196

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```

Magnitude Err Nsta Author OrigID
ML 1.8 0.0 5 BUD 17001430
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
DRGR 0.33 119.8 Pg 09:30:59.902 0.1 T__ 347.2 _c_ ML 1.8 6663540 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.33 119.8 Lg 09:31:04.724 -0.7 T__ ___ 6663541 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
SIRR 0.82 212.3 Pg 09:31:09.661 0.3 T__ 55.8 ___ ML 1.7 6663537 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.82 212.3 Lg 09:31:21.135 -0.6 T__ ___ 6663536 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
CJR 0.93 104.8 Pg 09:31:11.411 0.3 T__ 356.7 ___ ML 2.6 6663542 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

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| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|---------|------|-----|-----|-----|------|-----|-----|---|
| HU05A | 0.98 | 307.5 | Lg | 09:31:25.829 | -1.7 | T__ | | | | | | | | | 6663538 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| BMR | 1.09 | 48.5 | Pg | 09:31:14.503 | 0.4 | T__ | 196.1 | --- | ML | 2.4 | 6663543 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | | | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.42 | 199.4 | Pn | 09:31:19.421 | 0.5 | T__ | 28.1 | --- | ML | 1.7 | 6663539 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | | | |
| BZS | 1.42 | 199.4 | Sn | 09:31:39.070 | 0.0 | T__ | | --- | | | 6663544 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | | | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/17 | 09:37:18.74 | 0.99 | 0.20 | 47.3209 | 18.2082 | 7.9 | 2.6 | 77 | 0.0f | | 7 | 4 | 143 | 0.02 | 0.08 | sx | BUD | 17001432 | BUD | | | 278 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.6 | 0.1 | 3 BUD | 17001432 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.02 | 174.3 | Pg | 09:37:19.658 | 0.1 | | | | | T__ | | 305.3 | | --- | ML | 0.8 | 6663571 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.02 | 174.3 | Lg | 09:37:20.757 | -0.0 | | | | | T__ | | | | --- | | 6663573 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.06 | 40.1 | Pg | 09:37:20.700 | 0.2 | | | | | T__ | | 151.8 | | --- | ML | 0.6 | 6663572 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 40.1 | Lg | 09:37:22.491 | 0.0 | | | | | T__ | | | | --- | | 6663574 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 25.6 | Lg | 09:37:22.987 | -0.3 | | | | | T__ | | | | --- | | 6663575 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW3 | 0.08 | 318.1 | Pg | 09:37:21.076 | 0.0 | | | | | T__ | | 109.5 | | --- | ML | 0.6 | 6663577 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.08 | 318.1 | Lg | 09:37:23.518 | 0.2 | | | | | T__ | | | | --- | | 6663576 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|--|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|
| 2021/06/18 | 06:34:35.22 | 2.34 | 1.76 | 47.9566 | 20.7210 | 14.0 | 7.4 | 154 | 0.0f | | 8 | 5 | 220 | 0.21 | 0.56 | kx | BUD | 17001436 | BUD | | | 278 | |
| 2021/06/18 | 06:34:36.26 | 0.85 | 2.13 | 48.0750 | 20.6990f | | | | 0.0f | | 8 | 5 | 195 | 0.13 | 0.56 | kx | BUD_GT | 17001437 | BUD_GT | | | 268 | |
| (locality : Miskolc-Mexikóvölgy Hungary) | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.3 | 0.3 | 3 BUD_GT | 17001437 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.13 | 292.1 | Pg | 06:34:41.026 | 1.6 | | | | | T__ | | 296.7 | | --- | ML | 1.1 | 6664381 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.13 | 292.1 | Lg | 06:34:43.857 | 1.7 | | | | | T__ | | | | --- | | 6664382 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.42 | 58.4 | Lg | 06:34:51.875 | -0.6 | | | | | T__ | | | | --- | | 6664383 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KECS | 0.43 | 340.8 | Pn | 06:34:47.433 | -2.3 | | | | | T__ | | 144.7 | | --- | ML | 1.7 | 6664380 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.43 | 340.8 | Lg | 06:34:53.514 | 1.7 | | | | | T__ | | | | --- | | 6664384 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.43 | 345.9 | Pn | 06:34:47.405 | -2.4 | | | | | T__ | | 66.8 | | --- | ML | 1.3 | 6664385 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |


```

JOS 0.43 345.9 Lg 06:34:53.105 1.2 T__ --- 6664386 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.56 254.1 Lg 06:34:54.036 -3.3 T__ --- 6664387 FDSN GE -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/18 07:19:42.01 0.91 0.56 47.1094 18.0323 5.1 3.2 113 0.0f 13 8 122 0.23 1.02 sx BUD 17001438 BUD 168

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 6 BUD 17001438

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.23 32.2 Pg 07:19:47.128 -0.0 T__ 341.9 --- ML 1.5 6664442 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.23 32.2 Lg 07:19:50.996 -0.7 T__ --- 6664443 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
TIH 0.23 204.5 Pg 07:19:47.221 0.1 T__ 819.3 --- ML 1.9 6664435 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
MSW3 0.28 13.1 Pg 07:19:48.675 0.5 T__ 271.6 --- ML 1.5 6664445 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.28 13.1 Lg 07:19:53.043 -0.4 T__ --- 6664444 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CSKK 0.30 31.4 Lg 07:19:53.331 -0.8 T__ --- 6664436 FDSN HU -- BUD iLoc HHN ??? _
MSW1 0.32 28.5 Pg 07:19:49.676 0.7 T__ 214.4 --- ML 1.5 6664446 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.32 28.5 Lg 07:19:54.454 -0.5 T__ --- 6664447 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MPLH 0.34 280.4 Pg 07:19:49.829 0.4 T__ 175.4 --- ML 1.5 6664437 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.34 280.4 Lg 07:19:54.746 -0.4 T__ --- 6664438 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.99 154.6 Pg 07:20:02.271 0.6 T__ 27.5 --- ML 1.5 6664439 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.99 154.6 Lg 07:20:16.129 -0.1 T__ --- 6664440 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOVH 1.02 177.4 Lg 07:20:17.246 -0.4 T__ --- 6664441 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/19 16:57:55.96 2.53 0.42 47.9523 20.2884 42.5 5.8 151 10.0f 5 3 212 0.23 0.29 ke BUD 17001442 BUD 352

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.23 43.0 Lg 16:58:05.339 -0.2 T__ --- 6667596 FDSN ZJ 00 BUD iLoc HHZ ??? _
PSZ 0.27 262.8 Pg 16:58:02.508 0.3 T__ 39.4 --- ML 0.6 6667594 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.27 262.8 Lg 16:58:06.456 -0.4 T__ --- 6667595 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
ET1H 0.29 255.5 Pg 16:58:02.545 0.1 T__ 16.6 --- ML 0.3 6667598 FDSN HU -- BUD iLoc HHZ HHZ _

```

ET1H 0.29 255.5 Lg 16:58:07.015 -0.2 T__ --- 6667597 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 0.3 magdef=1
 (Station ML: 0.3 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/19 | 17:02:20.00 | 1.44 | 0.52 | 47.9050 | 20.2956 | 15.8 | 3.5 | 152 | 5.0 | 22.5 | 10 | 5 | 207 | 0.27 | 0.74 | ke | BUD | 17001444 | BUD | | | 229 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.1 | 5 BUD | 17001444 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.27 | 35.2 | Pg | 17:02:25.964 | 0.1 | | | | | T__ | | 41.1 | | --- | ML | 0.7 | 6667624 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.27 | 35.2 | Lg | 17:02:29.955 | -0.4 | | | | | T__ | | | | --- | | 6667628 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.27 | 273.0 | Pg | 17:02:26.746 | 0.6 | | | | | T__ | | 97.4 | | --- | ML | 1.0 | 6667626 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.27 | 273.0 | Lg | 17:02:30.881 | 0.2 | | | | | T__ | | | | --- | | 6667627 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.29 | 265.0 | Pg | 17:02:25.969 | -0.3 | | | | | T__ | | 70.9 | | --- | ML | 0.9 | 6667629 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.29 | 265.0 | Lg | 17:02:30.142 | -0.7 | | | | | T__ | | | | --- | | 6667630 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.61 | 15.3 | Pg | 17:02:32.544 | 0.4 | | | | | T__ | | 17.8 | | --- | ML | 1.1 | 6667631 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.61 | 15.3 | Lg | 17:02:41.112 | -0.2 | | | | | T__ | | | | --- | | 6667632 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.74 | 57.9 | Pg | 17:02:34.891 | 0.3 | | | | | T__ | | 37.5 | | --- | ML | 1.5 | 6667633 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.74 | 57.9 | Lg | 17:02:45.856 | -0.4 | | | | | T__ | | | | --- | | 6667625 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/19 | 18:04:30.71 | 0.81 | 0.98 | 48.5588 | 17.5535 | 3.1 | 2.8 | 95 | 4.6 | 17.9 | 23 | 15 | 79 | 0.26 | 1.69 | ke | BUD | 17001446 | BUD | | | 96 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 9 BUD | 17001446 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.26 | 224.9 | Pg | 18:04:36.196 | -0.1 | | | | | T__ | | | | --- | | 6667682 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.26 | 224.9 | Lg | 18:04:40.144 | -0.5 | | | | | T__ | | | | --- | | 6667683 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| JAVC | 0.31 | 14.4 | Pg | 18:04:37.052 | -0.3 | | | | | T__ | | 139.9 | | --- | ML | 1.3 | 6667688 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.31 | 14.4 | Lg | 18:04:42.193 | -0.3 | | | | | T__ | | | | --- | | 6667689 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A337A | 0.35 | 153.3 | Pg | 18:04:38.915 | 1.0 | | | | | T__ | | 251.3 | | --- | ML | 1.7 | 6667684 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A337A | 0.35 | 153.3 | Lg | 18:04:45.322 | 1.8 | | | | | T__ | | | | --- | | 6667685 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.47 | 219.8 | Pg | 18:04:39.884 | -0.4 | | | | | T__ | | | | --- | | 6667687 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|---------|------|-----|-----|-----|------|-----|-----|---|
| ZST | 0.47 | 219.8 | Lg | 18:04:45.956 | -1.5 | T__ | | | | | | | | | 6667686 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| A001A | 0.66 | 285.3 | Pg | 18:04:45.509 | 1.8 | T__ | 52.5 | --- | ML | 1.6 | 6667690 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | | | | |
| | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.86 | 93.9 | Pg | 18:04:47.470 | -0.5 | T__ | 14.3 | --- | ML | 1.1 | 6667694 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | | | | |
| VYHS | 0.86 | 93.9 | Lg | 18:04:59.800 | -0.5 | T__ | | --- | | | 6667693 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | | |
| | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| SR0 | 0.90 | 145.4 | Pg | 18:04:48.861 | 0.2 | T__ | 177.7 | --- | ML | 2.3 | 6667691 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | | | | |
| SR0 | 0.90 | 145.4 | Lg | 18:05:01.639 | -1.3 | T__ | | --- | | | 6667692 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | | | |
| | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.92 | 303.8 | Pg | 18:04:48.811 | 0.6 | T__ | 28.1 | --- | ML | 1.5 | 6667695 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | | | | |
| KRUC | 0.92 | 303.8 | Lg | 18:05:01.364 | -0.2 | T__ | | --- | | | 6667696 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | | | | |
| | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 0.98 | 320.2 | Pg | 18:04:49.742 | 0.5 | T__ | 6.4 | --- | ML | 0.9 | 6667697 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | | | | |
| | (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.20 | 224.9 | Pn | 18:04:53.765 | 0.1 | T__ | 26.4 | --- | ML | 1.6 | 6667698 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | | | |
| | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 1.21 | 125.5 | Sn | 18:05:09.709 | -1.6 | T__ | | --- | | | 6667701 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | | | |
| MORC | 1.22 | 359.7 | Pn | 18:04:53.691 | -0.2 | T__ | 22.3 | --- | ML | 1.5 | 6667699 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | | | | |
| MORC | 1.22 | 359.7 | Lg | 18:05:10.305 | 0.1 | T__ | | --- | | | 6667700 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | | | | |
| | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.29 | 241.5 | Lg | 18:05:12.279 | -0.6 | T__ | | --- | | | 6667702 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | | | | |
| A013A | 1.52 | 251.7 | Sn | 18:05:18.537 | 0.4 | T__ | | --- | | | 6667703 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | | | |
| PSZ | 1.69 | 111.4 | Sn | 18:05:25.094 | 1.5 | T__ | | --- | | | 6667704 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-----------------------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/06/21 | 08:42:02.40 | 1.07 | 0.88 | 48.2385 | 21.2468 | 5.1 | 3.9 | 118 | 0.0f | | 13 | 7 | 154 | 0.06 | 1.34 | kx | BUD | 17001448 | BUD | | | 255 |
| 2021/06/21 | 08:42:02.44 | 0.92 | 0.78 | 48.2470 | 21.2460f | | | | 0.0f | | 13 | 7 | 153 | 0.05 | 1.33 | kx | BUD_GT | 17001449 | BUD_GT | | | 255 |
| | (locality : Tallya Hungary) | | | | | | | | | | | | | | | | | | | | | |
| | (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 2.0 | 0.1 | 6 BUD_GT | 17001449 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|---------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 08:42:04.558 | 0.5 | | | | | T__ | 15762.8 | | | _c | ML | 2.6 | 6672728 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 08:42:05.117 | -0.5 | | | | | T__ | | | | --- | | 6672729 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 08:42:13.163 | 0.2 | | | | | T__ | 77.4 | | | --- | ML | 1.6 | 6672731 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 08:42:20.166 | -0.9 | | | | | T__ | | | | --- | | 6672730 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 08:42:13.908 | 0.8 | | | | | T__ | 74.7 | | | --- | ML | 1.7 | 6672733 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 08:42:21.135 | -0.2 | | | | | T__ | | | | --- | | 6672732 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.7 magdef=1
KECS 0.56 295.3 Pg 08:42:14.616 0.9 T__ 211.7 ___ ML 2.1 6672734 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 295.3 Lg 08:42:21.805 -0.5 T__ ___ 6672735 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
TRPA 0.87 97.2 Pg 08:42:19.757 0.3 T__ 103.8 ___ ML 2.0 6672736 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.87 97.2 Lg 08:42:32.757 -1.1 T__ ___ 6672737 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.96 250.6 Pg 08:42:22.550 -0.2 T__ 103.6 ___ ML 2.1 6672738 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.96 250.6 Lg 08:42:36.036 -1.2 T__ ___ 6672739 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
NIE 1.33 332.3 Lg 08:42:45.795 -1.2 T__ ___ 6672740 FDSN PL -- BUD iLoc BHE ??? _

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/21 | 19:38:02.74 | 0.85 | 0.41 | 47.5913 | 16.3299 | 3.8 | 3.1 | 54 | 1.3 | 20.4 | 21 | 14 | 93 | 0.11 | 1.47 | ke | BUD | 17001450 | BUD | | | 117 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 11 BUD | 17001450 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 348.2 | Pg | 19:38:05.228 | -0.0 | | | | | T__ | | 211.4 | | _c | ML | 0.9 | 6673026 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 348.2 | Lg | 19:38:06.532 | -0.6 | | | | | T__ | | | | --- | | 6673027 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.18 | 59.1 | Pg | 19:38:06.420 | -0.1 | | | | | T__ | | 74.7 | | --- | ML | 0.7 | 6673029 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.18 | 59.1 | Lg | 19:38:09.121 | -0.0 | | | | | T__ | | | | --- | | 6673028 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.31 | 234.1 | Pg | 19:38:08.842 | -0.1 | | | | | T__ | | 39.0 | | --- | ML | 0.8 | 6673030 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.40 | 140.2 | Pg | 19:38:10.891 | 0.0 | | | | | T__ | | 139.9 | | --- | ML | 1.6 | 6673031 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.40 | 140.2 | Lg | 19:38:17.019 | 0.6 | | | | | T__ | | | | --- | | 6673032 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.46 | 317.0 | Pg | 19:38:12.399 | 0.4 | | | | | T__ | | 35.3 | | --- | ML | 1.1 | 6673033 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.46 | 317.0 | Lg | 19:38:19.067 | 0.8 | | | | | T__ | | | | --- | | 6673034 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.65 | 238.4 | Pg | 19:38:14.821 | -0.4 | | | | | T__ | | 33.3 | | --- | ML | 1.4 | 6673035 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.70 | 104.0 | Pn | 19:38:18.583 | -0.3 | | | | | T__ | | 84.6 | | --- | ML | 1.8 | 6673036 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.78 | 307.5 | Pg | 19:38:18.322 | 0.5 | | | | | T__ | | 59.1 | | --- | ML | 1.7 | 6673037 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.78 | 307.5 | Lg | 19:38:28.082 | 0.1 | | | | | T__ | | | | --- | | 6673038 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.79 | 353.9 | Lg | 19:38:28.939 | -0.1 | | | | | T__ | | | | --- | | 6673039 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

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A019A  0.86 260.7 Pg      19:38:18.881 -0.6      T__      32.7      ___ ML      1.5 6673040      FDSN Z3      00 BUD      iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A008A  0.90 329.9 Pg      19:38:20.408  0.4      T__      36.1      ___ ML      1.6 6673041      FDSN Z3      00 BUD      iLoc HHZ HHZ _
A008A  0.90 329.9 Lg      19:38:32.031 -0.3      T__      ___      ___      6673042      FDSN Z3      00 BUD      iLoc HH3 ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MPLH   0.92 116.7 Lg      19:38:34.043 -0.2      T__      ___      ___      6673043      FDSN HU      -- BUD      iLoc HHE ??? _
HU08A  1.09  97.8 Sn      19:38:40.003 -0.1      T__      ___      ___      6673044      FDSN ZJ      00 BUD      iLoc HHN ??? _
KRUC   1.47  1.7 Pn      19:38:29.349 -0.4      T__      21.8      ___ ML      1.7 6673046      FDSN CZ      -- BUD      iLoc HHZ HHZ _
KRUC   1.47  1.7 Sn      19:38:49.688  0.2      T__      ___      ___      6673045      FDSN CZ      -- BUD      iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

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Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/22 07:19:34.45 0.86 1.35 47.3000 17.6698 5.2 2.7 160 0.0f 21 14 66 0.16 1.38 sx BUD 17001452 BUD 114

```

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 7 BUD 17001452

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MPLH 0.16 214.4 Pg 07:19:38.476 0.2 T__ 844.9 ___ ML 1.7 6677406 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.16 214.4 Lg 07:19:41.084 -0.4 T__ ___ 6677407 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU08A 0.22 52.6 Pg 07:19:40.115 0.7 T__ 942.8 ___ ML 1.9 6677408 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.22 52.6 Lg 07:19:42.947 -0.6 T__ ___ 6677409 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
EGYH 0.26 297.1 Lg 07:19:43.319 -1.5 T__ ___ 6677410 FDSN HU -- BUD iLoc HHN ??? _
MSW3 0.32 74.8 Pg 07:19:42.813 1.5 T__ 347.5 ___ ML 1.7 6677420 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.32 74.8 Lg 07:19:45.994 -1.2 T__ ___ 6677421 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW2 0.37 89.4 Pg 07:19:43.620 1.4 T__ 151.1 ___ ML 1.5 6677423 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.37 89.4 Lg 07:19:47.894 -1.0 T__ ___ 6677422 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
CSKK 0.41 80.8 Pg 07:19:42.723 -0.3 T__ 167.9 ___ ML 1.7 6677412 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.41 80.8 Lg 07:19:49.279 -1.0 T__ ___ 6677411 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW1 0.41 76.7 Pg 07:19:44.095 1.0 T__ 443.7 ___ ML 2.1 6677424 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.41 76.7 Lg 07:19:49.318 -1.1 T__ ___ 6677425 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU09A 0.59 54.7 Lg 07:19:54.874 -1.7 T__ ___ 6677426 FDSN ZJ 00 BUD iLoc HHE ??? _
RONA 1.01 293.7 Lg 07:20:08.315 0.3 T__ ___ 6677413 FDSN OE -- BUD iLoc HHN ??? _
MODS 1.11 346.3 Sn 07:20:10.103 -3.4 T__ ___ 6677414 FDSN SK -- BUD iLoc HHN ??? _
A011B 1.17 276.0 Pg 07:19:57.540 0.2 T__ 29.5 ___ ML 1.6 6677418 FDSN Z3 00 BUD iLoc HHZ HHZ _
A011B 1.17 276.0 Lg 07:20:12.860 1.0 T__ ___ 6677415 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.6 magdef=1

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(Station ML: 1.6 magdef=1

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KOVH | 1.25 | 166.1 | Sn | 07:20:18.000 | 1.9 | T__ | --- | 6677416 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.28 | 148.0 | Sn | 07:20:17.106 | 0.3 | T__ | --- | 6677417 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| CONA | 1.38 | 297.9 | Lg | 07:20:18.699 | -0.5 | T__ | --- | 6677419 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/22 | 08:59:09.10 | 2.65 | 0.92 | 46.1522 | 21.5081 | 22.5 | 6.4 | 109 | 13.8 | 18.2 | 8 | 4 | 230 | 0.16 | 1.17 | ke | BUD | 17001454 | BUD | | | 272 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.5 | 4 BUD | 17001454 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SIRR | 0.16 | 42.3 | Pg | 08:59:13.663 | 0.3 | | | | T__ | | | 991.1 | | _c_ | ML | 1.7 | 6677512 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.16 | 42.3 | Lg | 08:59:15.786 | -0.7 | | | | T__ | | | | | --- | | 6677511 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |

(Reading ML: 1.7 magdef=1

(Station ML: 1.7 magdef=1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|-------|----|--------------|------|--|--|--|-----|--|--|------|--|-----|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| BZS | 0.54 | 171.9 | Pg | 08:59:19.995 | 0.1 | | | | T__ | | | 73.4 | | _c_ | ML | 1.7 | 6677513 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.54 | 171.9 | Lg | 08:59:26.924 | -0.5 | | | | T__ | | | | | --- | | 6677514 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.7 magdef=1

(Station ML: 1.7 magdef=1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|----|--------------|------|--|--|--|-----|--|--|-------|--|-----|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| DRGR | 1.05 | 52.0 | Pg | 08:59:30.091 | 0.2 | | | | T__ | | | 161.9 | | --- | ML | 2.3 | 6677515 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 1.05 | 52.0 | Lg | 08:59:42.384 | -1.5 | | | | T__ | | | | | --- | | 6677516 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 2.3 magdef=1

(Station ML: 2.3 magdef=1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|-------|----|--------------|-----|--|--|--|-----|--|--|-------|--|-----|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| GZR | 1.17 | 130.1 | Pg | 08:59:31.879 | 0.5 | | | | T__ | | | 190.4 | | --- | ML | 2.4 | 6677518 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.17 | 130.1 | Lg | 08:59:47.003 | 0.0 | | | | T__ | | | | | --- | | 6677517 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 2.4 magdef=1

(Station ML: 2.4 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/22 | 09:00:47.11 | 1.60 | 0.15 | 47.3091 | 18.2324 | 11.5 | 2.5 | 133 | 0.0f | | 7 | 4 | 225 | 0.02 | 0.10 | sx | BUD | 17001456 | BUD | | | 296 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.7 | 0.2 | 3 BUD | 17001456 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.02 | 245.0 | Pg | 09:00:47.841 | 0.0 | | | | T__ | | | 316.0 | | --- | ML | 0.8 | 6677543 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.02 | 245.0 | Lg | 09:00:48.918 | 0.1 | | | | T__ | | | | | --- | | 6677544 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 0.8 magdef=1

(Station ML: 0.8 magdef=1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|----|--------------|------|--|--|--|-----|--|--|-------|--|-----|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| CSKK | 0.06 | 19.5 | Lg | 09:00:50.863 | -0.0 | | | | T__ | | | | | --- | | 6677545 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.09 | 12.2 | Pg | 09:00:49.474 | -0.0 | | | | T__ | | | 146.9 | | --- | ML | 0.7 | 6677547 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.09 | 12.2 | Lg | 09:00:51.940 | 0.1 | | | | T__ | | | | | --- | | 6677546 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

(Reading ML: 0.7 magdef=1

(Station ML: 0.7 magdef=1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|--|--|--|-----|--|--|------|--|-----|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| MSW3 | 0.10 | 315.7 | Pg | 09:00:49.891 | 0.1 | | | | T__ | | | 83.3 | | --- | ML | 0.5 | 6677549 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.10 | 315.7 | Lg | 09:00:52.114 | -0.3 | | | | T__ | | | | | --- | | 6677548 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

(Reading ML: 0.5 magdef=1

(Station ML: 0.5 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/06/22 | 09:04:23.47 | 0.87 | 1.01 | 47.7149 | 18.7192 | 7.0 | 2.6 | 140 | 0.0f | 16 | 9 | 144 | 0.24 | 0.97 | kx | BUD | 17001458 | BUD | | | | 165 |
| 2021/06/22 | 09:04:23.48 | 0.86 | 0.93 | 47.7180 | 18.7130f | | | | 0.0f | 16 | 9 | 144 | 0.24 | 0.97 | kx | BUD_GT | 17001459 | BUD_GT | | | | 167 |

(locality : Dorog Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.6 | 0.0 | 7 BUD_GT | 17001459 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.24 | 250.5 | Pg | 09:04:29.296 | 0.6 | | | | | T__ | | 312.2 | | --- | ML | 1.5 | 6677603 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.24 | 250.5 | Lg | 09:04:31.754 | -1.4 | | | | | T__ | | | | --- | | 6677604 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.24 | 58.2 | Pg | 09:04:29.738 | 0.9 | | | | | T__ | | 915.8 | | --- | ML | 1.9 | 6677612 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.24 | 58.2 | Lg | 09:04:33.394 | 0.1 | | | | | T__ | | | | --- | | 6677605 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.45 | 223.6 | Pg | 09:04:34.060 | 1.3 | | | | | T__ | | 126.1 | | --- | ML | 1.6 | 6677613 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.45 | 223.6 | Lg | 09:04:39.867 | -0.7 | | | | | T__ | | | | --- | | 6677614 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.47 | 221.0 | Lg | 09:04:40.397 | -0.9 | | | | | T__ | | | | --- | | 6677606 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW3 | 0.52 | 230.1 | Pg | 09:04:35.050 | 0.9 | | | | | T__ | | 72.4 | | --- | ML | 1.6 | 6677616 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.52 | 230.1 | Lg | 09:04:41.442 | -1.4 | | | | | T__ | | | | --- | | 6677615 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.54 | 219.5 | Pg | 09:04:35.185 | 0.7 | | | | | T__ | | 56.7 | | --- | ML | 1.5 | 6677617 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.54 | 219.5 | Lg | 09:04:42.792 | -0.8 | | | | | T__ | | | | --- | | 6677618 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.78 | 6.0 | Pg | 09:04:39.950 | 0.5 | | | | | T__ | | 14.4 | | --- | ML | 1.1 | 6677608 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.78 | 6.0 | Lg | 09:04:50.082 | -0.9 | | | | | T__ | | | | --- | | 6677607 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.82 | 75.4 | Pg | 09:04:40.769 | -0.2 | | | | | T__ | | 41.5 | | --- | ML | 1.6 | 6677609 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.82 | 75.4 | Lg | 09:04:52.317 | -1.2 | | | | | T__ | | | | --- | | 6677610 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.97 | 235.9 | Lg | 09:04:56.490 | -0.5 | | | | | T__ | | | | --- | | 6677611 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/06/22 | 09:27:28.00 | 1.47 | 0.91 | 47.3639 | 18.3935 | 9.9 | 4.5 | 125 | 0.0f | 15 | 9 | 110 | 0.09 | 1.26 | sx | BUD | 17001460 | BUD | | | | 182 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.2 | 6 BUD | 17001460 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 269.6 | Pg | 09:27:30.949 | 0.5 | | | | | T__ | | 1912.8 | | --- | ML | 1.8 | 6677741 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 269.6 | Lg | 09:27:31.955 | -0.9 | | | | | T__ | | | | --- | | 6677742 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
MSW1 0.10 287.7 Pg 09:27:31.608 1.0 T__ 1213.6 ___ ML 1.7 6677750 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.10 287.7 Lg 09:27:32.429 -0.7 T__ ___ 6677751 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW2 0.14 243.7 Pg 09:27:31.960 0.6 T__ 201.1 ___ ML 1.0 6677753 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.14 243.7 Lg 09:27:33.649 -0.9 T__ ___ 6677752 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
MSW3 0.18 276.1 Pg 09:27:33.039 0.8 T__ 292.1 ___ ML 1.3 6677754 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.18 276.1 Lg 09:27:34.916 -1.0 T__ ___ 6677755 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU09A 0.27 358.4 Lg 09:27:38.537 -0.6 T__ ___ 6677747 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 1.16 60.8 Pn 09:27:50.879 0.3 T__ 26.9 ___ ML 1.6 6677745 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.16 60.8 Sn 09:28:07.940 -0.6 T__ ___ 6677744 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 1.16 171.4 Sn 09:28:07.269 -0.5 T__ ___ 6677746 FDSN HU -- BUD iLoc HHE ??? _
VYHS 1.17 14.6 Pn 09:27:51.028 0.3 T__ 13.6 ___ ML 1.3 6677743 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.17 14.6 Lg 09:28:07.370 -1.4 T__ ___ 6677748 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MODS 1.26 323.8 Sn 09:28:09.903 -1.1 T__ ___ 6677749 FDSN SK -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/22 10:59:56.17 0.82 1.30 48.1429 18.9330 3.7 3.2 32 0.0f 20 14 81 0.30 1.24 sx BUD 17001462 BUD 120

```

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 6 BUD 17001462

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.30 169.0 Lg 11:00:07.383 -0.6 T__ ___ 6677817 FDSN ZJ 00 BUD iLoc HHE ??? _
VYHS 0.36 349.6 Pg 11:00:04.591 1.0 T__ 19.5 ___ ML 0.6 6677802 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.36 349.6 Lg 11:00:08.763 -0.4 T__ ___ 6677803 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
A338A 0.41 252.0 Lg 11:00:11.853 0.1 T__ ___ 6677818 FDSN Z3 00 BUD iLoc HH3 ??? _
HU03A 0.51 117.9 Lg 11:00:14.684 -0.1 T__ ___ 6677819 FDSN ZJ 00 BUD iLoc HHE ??? _
SR0 0.53 231.8 Lg 11:00:15.915 -0.0 T__ ___ 6677804 FDSN SK -- BUD iLoc EHN ??? _
PSZ 0.68 108.8 Pg 11:00:11.073 0.3 T__ 41.6 ___ ML 1.5 6677805 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.68 108.8 Lg 11:00:19.974 -1.4 T__ ___ 6677820 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU01A 0.92 149.6 Lg 11:00:28.393 -1.2 T__ ___ 6677821 FDSN ZJ 00 BUD iLoc HHE ??? _
HU08A 0.98 224.1 Pg 11:00:16.735 1.0 T__ 55.8 ___ ML 1.8 6677806 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.98 224.1 Lg 11:00:29.922 -1.2 T__ ___ 6677807 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 1.07 90.5 Pn 11:00:19.268 1.8 T__ 21.3 ___ ML 1.4 6677810 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.07 90.5 Sn 11:00:32.530 -1.9 T__ ___ 6677809 FDSN ZJ 00 BUD iLoc HHN ??? _

```



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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 1.09 71.2 Pn 11:00:18.821 1.2 T__ 99.7 ___ ML 2.1 6677813 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.09 71.2 Lg 11:00:33.945 -0.7 T__ ___ 6677812 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JAVC 1.10 311.0 Lg 11:00:32.828 -2.6 T__ ___ 6677808 FDSN CZ -- BUD iLoc HHN ??? _
JOS 1.13 71.2 Pn 11:00:18.076 -0.1 T__ 26.1 ___ ML 1.5 6677814 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.13 71.2 Sn 11:00:34.243 -1.4 T__ ___ 6677815 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MODS 1.13 282.4 Lg 11:00:34.020 -2.1 T__ ___ 6677811 FDSN SK -- BUD iLoc HHN ??? _
A267A 1.24 194.5 Sn 11:00:37.968 -0.2 T__ ___ 6677816 FDSN Z3 00 BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/22 12:00:57.83 1.07 0.48 47.8402 16.0590 6.7 3.6 40 0.0f 10 6 187 0.16 0.77 sx BUD 17001464 BUD 245

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.2 4 BUD 17001464

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.16 303.6 Pg 12:01:01.178 -0.1 T__ 264.4 ___ ML 1.2 6677854 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.16 303.6 Lg 12:01:03.339 -0.3 T__ ___ 6677855 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
RONA 0.21 131.2 Pg 12:01:02.668 0.3 T__ 127.6 _c_ ML 1.0 6677856 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.21 131.2 Lg 12:01:05.264 -0.3 T__ ___ 6677863 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
AO11B 0.44 189.0 Pg 12:01:06.319 -0.2 T__ 57.9 ___ ML 1.3 6677858 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO11B 0.44 189.0 Lg 12:01:11.534 -0.6 T__ ___ 6677857 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
AO18A 0.67 262.1 Lg 12:01:20.102 0.9 T__ ___ 6677859 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.69 211.8 Pg 12:01:11.162 -0.1 T__ 48.7 ___ ML 1.6 6677860 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.69 211.8 Lg 12:01:20.102 0.1 T__ ___ 6677861 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
AO19A 0.77 239.4 Lg 12:01:23.082 0.4 T__ ___ 6677862 FDSN Z3 00 BUD iLoc HH2 ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/22 15:30:44.67 1.24 0.69 47.5894 16.3438 7.4 5.0 122 0.0f 9 6 178 0.11 1.00 sx BUD 17001466 BUD 223

```

```

Magnitude Err Nsta Author OrigID
ML 0.9 0.3 4 BUD 17001466

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 343.8 Pg 15:30:47.135 -0.2 T__ 105.0 _c_ ML 0.6 6677911 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 343.8 Lg 15:30:49.445 0.1 T__ ___ 6677912 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1

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```

(Station ML: 0.6 magdef=1
SOP 0.17 57.0 Lg 15:30:51.568 0.3 T__
AO11B 0.32 235.4 Pg 15:30:50.898 -0.1 T__ 33.6 --- ML 0.7 6677914 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CONA 0.47 316.4 Pg 15:30:54.250 0.1 T__ 30.2 --- ML 1.1 6677916 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.47 316.4 Lg 15:31:00.546 0.1 T__ --- 6677915 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
AO18A 0.87 280.7 Pg 15:31:01.589 0.1 T__ 22.9 --- ML 1.3 6677917 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO18A 0.87 280.7 Lg 15:31:12.615 0.1 T__ --- 6677918 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MODS 1.00 38.3 Sn 15:31:19.172 -1.6 T__ --- 6677919 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/23 06:25:16.20 0.98 1.03 47.9191 20.0694 6.5 3.4 158 0.0f 9 6 116 0.12 0.66 sx BUD 17001468 BUD 211

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.0 3 BUD 17001468

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
PSZ 0.12 269.7 Pg 06:25:19.047 -0.3 T__ 369.5 --- ML 1.2 6678337 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.12 269.7 Lg 06:25:21.754 -0.3 T__ --- 6678338 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU23A 0.31 156.5 Lg 06:25:29.160 0.9 T__ --- 6678339 FDSN ZJ 00 BUD iLoc HHE ??? _
HU03A 0.32 267.4 Lg 06:25:28.752 0.5 T__ --- 6678340 FDSN ZJ 00 BUD iLoc HHE ??? _
HU02A 0.37 56.2 Pg 06:25:23.593 -0.6 T__ 75.3 --- ML 1.2 6678342 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.37 56.2 Lg 06:25:28.956 -1.5 T__ --- 6678341 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.63 26.1 Lg 06:25:38.968 0.5 T__ --- 6678343 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.66 28.4 Pg 06:25:30.783 1.4 T__ 30.7 --- ML 1.4 6678344 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.66 28.4 Lg 06:25:39.977 0.5 T__ --- 6678345 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/23 07:24:45.75 1.06 1.03 48.3838 19.0386 10.7 4.0 24 0.0f 7 5 167 0.17 1.03 sx BUD 17001470 BUD 301

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Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
VYHS 0.17 309.3 Pg 07:24:49.928 0.4 T__ 56.6 --- ML 0.5 6678367 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.17 309.3 Lg 07:24:51.767 -0.7 T__ --- 6678368 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
HU03A 0.61 141.8 Lg 07:25:07.448 -0.3 T__ --- 6678369 FDSN ZJ 00 BUD iLoc HHE ??? _
KECS 0.97 83.6 Lg 07:25:19.553 0.1 T__ --- 6678370 FDSN SK -- BUD iLoc EHE ??? _

```

```

JOS 1.01 83.0 Pg 07:25:06.580 0.9 T__ 22.6 ___ ML 1.4 6678372 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.01 83.0 Lg 07:25:19.758 -1.0 T__ ___ 6678371 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 1.03 104.2 Lg 07:25:21.086 -1.3 T__ ___ 6678373 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/23 07:28:58.05 0.90 1.50 48.5132 17.4673 5.2 3.1 131 0.0f 10 7 126 0.19 1.22 sx BUD 17001472 BUD 196

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.19 222.2 Pg 07:29:02.061 -0.4 T__ ___ 6678396 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.19 222.2 Lg 07:29:05.562 -0.5 T__ ___ 6678397 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.37 21.2 Pg 07:29:05.190 -0.8 T__ 87.0 ___ ML 1.3 6678400 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.37 21.2 Lg 07:29:10.554 -1.7 T__ ___ 6678399 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ZST 0.40 217.6 Lg 07:29:11.572 -1.4 T__ ___ 6678401 FDSN SK -- BUD iLoc HHE ??? _
KRUC 0.90 308.2 Lg 07:29:29.602 1.1 T__ ___ 6678404 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 0.91 90.7 Pg 07:29:17.905 1.5 T__ 12.6 ___ ML 1.1 6678403 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.91 90.7 Lg 07:29:29.230 -0.4 T__ ___ 6678402 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
VRAC 0.98 324.4 Lg 07:29:33.178 2.1 T__ ___ 6678405 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.22 242.0 Lg 07:29:39.312 1.4 T__ ___ 6678398 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/23 08:26:28.33 1.14 0.93 47.8852 20.1392 9.5 4.0 153 0.0f 6 4 165 0.17 0.67 kx BUD 17001474 BUD 234
2021/06/23 08:26:28.11 0.99 0.80 47.8650 20.1529f 0.0f 6 4 170 0.18 0.68 kx BUD_GT 17001475 BUD_GT 243

```

(locality : Kismána Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.18 287.2 Pg 08:26:32.622 0.0 T__ 405.1 ___ ML 1.4 6678424 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.18 287.2 Lg 08:26:35.380 -0.8 T__ ___ 6678425 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.36 44.0 Pg 08:26:36.095 0.1 T__ 73.1 ___ ML 1.2 6678427 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 08:26:40.998 -1.1 T__ ___ 6678426 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU01A 0.63 214.9 Lg 08:26:52.440 0.8 T__ ___ 6678429 FDSN ZJ 00 BUD iLoc HHE ??? _
JOS 0.68 22.1 Lg 08:26:52.951 0.7 T__ ___ 6678428 FDSN ZJ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/23 08:34:54.11 3.08 1.01 48.4902 20.6973 20.0 5.9 55 0.0f 8 4 284 0.11 0.78 sx BUD 17001476 BUD 310

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.4 4 BUD 17001476

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| JOS | 0.11 | 273.1 | Pg | 08:34:56.162 | -0.3 | | | | | T__ | | 281.4 | | --- | ML | 1.0 6678452 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.11 | 273.1 | Lg | 08:34:59.380 | 1.0 | | | | | T__ | | | | --- | | 6678453 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.14 | 267.2 | Pg | 08:34:57.132 | -0.1 | | | | | T__ | | 712.9 | | --- | ML | 1.5 6678455 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.14 | 267.2 | Lg | 08:35:00.197 | 0.6 | | | | | T__ | | | | --- | | 6678454 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.39 | 197.4 | Pg | 08:35:02.802 | 0.4 | | | | | T__ | | 27.8 | | --- | ML | 0.8 6678456 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.39 | 197.4 | Lg | 08:35:08.727 | -0.1 | | | | | T__ | | | | --- | | 6678457 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.78 | 223.5 | Pn | 08:35:10.106 | -1.4 | | | | | T__ | | 30.9 | | --- | ML | 1.4 6678459 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.78 | 223.5 | Lg | 08:35:21.343 | -1.3 | | | | | T__ | | | | --- | | 6678458 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/23 | 11:15:04.36 | 1.67 | 0.93 | 48.2835 | 17.3498 | 10.7 | 5.7 | 137 | 0.0f | | 7 | 4 | 222 | 0.10 | 1.00 | sx | BUD | 17001478 | BUD | | | 301 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| MODS | 0.10 | 331.8 | Pg | 11:15:07.326 | 0.2 | | | | | T__ | | | | --- | | 6678484 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.10 | 331.8 | Lg | 11:15:08.890 | -0.6 | | | | | T__ | | | | --- | | 6678483 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| ZST | 0.19 | 242.2 | Lg | 11:15:11.423 | -0.8 | | | | | T__ | | | | --- | | 6678487 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| JAVC | 0.61 | 20.2 | Pg | 11:15:17.384 | 0.2 | | | | | T__ | | 74.0 | | --- | ML | 1.7 6678485 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.61 | 20.2 | Lg | 11:15:26.324 | -0.6 | | | | | T__ | | | | --- | | 6678486 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.00 | 321.3 | Pg | 11:15:24.852 | 1.2 | | | | | T__ | | 24.8 | | --- | ML | 1.5 6678489 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.00 | 321.3 | Lg | 11:15:37.741 | -0.7 | | | | | T__ | | | | --- | | 6678488 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|---------------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|--|
| 2021/06/24 | 09:02:16.44 | 2.44 | 0.86 | 47.2210 | 18.2922 | 14.5 | 6.8 | 133 | 0.0f | | 12 | 9 | 130 | 0.10 | 1.33 | kx | BUD | 17001480 | BUD | | | 207 | | |
| 2021/06/24 | 09:02:16.69 | 0.94 | 0.83 | 47.2302 | 18.2835f | | | | 0.0f | | 12 | 9 | 129 | 0.09 | 1.32 | kx | BUD_GT | 17001481 | BUD_GT | | | 206 | | |
| (locality : Iszkaszentgyörgy Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID
ML 1.0 0.1 3 BUD_GT 17001481

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|--|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MSW2 | 0.09 | 325.6 | Pg | 09:02:19.266 | 0.2 | T__ | | | | | 316.0 | --- | ML | 1.0 | 6679552 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.09 | 325.6 | Lg | 09:02:20.503 | -1.0 | T__ | | | | | | --- | | | 6679553 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 353.3 | Pg | 09:02:20.141 | 0.1 | T__ | | | | | 191.6 | --- | ML | 1.0 | 6679545 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 353.3 | Lg | 09:02:22.562 | -0.6 | T__ | | | | | | --- | | | 6679546 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.16 | 354.2 | Lg | 09:02:23.998 | -0.2 | T__ | | | | | | --- | | | 6679554 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MSW3 | 0.19 | 325.1 | Pg | 09:02:22.167 | 1.2 | T__ | | | | | 104.2 | --- | ML | 0.8 | 6679556 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.19 | 325.1 | Lg | 09:02:24.331 | -0.5 | T__ | | | | | | --- | | | 6679555 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.32 | 309.6 | Lg | 09:02:29.358 | 0.1 | T__ | | | | | | --- | | | 6679551 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| MPLH | 0.51 | 263.5 | Lg | 09:02:34.036 | -1.3 | T__ | | | | | | --- | | | 6679547 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| KOVH | 1.15 | 186.4 | Sn | 09:02:54.524 | -1.6 | T__ | | | | | | --- | | | 6679548 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| PSZ | 1.29 | 57.1 | Sn | 09:03:00.187 | -0.2 | T__ | | | | | | --- | | | 6679549 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| VVHS | 1.32 | 16.2 | Sn | 09:03:01.379 | 0.2 | T__ | | | | | | --- | | | 6679550 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|-----------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|
| 2021/06/24 | 09:17:50.02 | 1.51 | 1.27 | 48.2178 | 21.2858 | 9.1 | 5.2 | 120 | 0.0f | | 12 | 9 | 133 | 0.08 | 1.01 | kx | BUD | 17001482 | BUD | | | 249 | |
| 2021/06/24 | 09:17:50.68 | 0.93 | 1.45 | 48.2470 | 21.2460f | | | | 0.0f | | 12 | 9 | 128 | 0.05 | 0.99 | kx | BUD_GT | 17001483 | BUD_GT | | | 230 | |
| (locality : Tallya Hungary) | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.5 | 0.1 | 3 BUD_GT | 17001483 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 09:17:52.688 | 0.4 | | | | | T__ | | 6262.0 | | --- | ML | 2.2 | 6679586 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 09:17:53.806 | -0.0 | | | | | T__ | | | | --- | | 6679587 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 09:18:01.927 | 0.7 | | | | | T__ | | 59.5 | | --- | ML | 1.5 | 6679588 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 09:18:09.526 | 0.2 | | | | | T__ | | | | --- | | 6679589 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 09:18:02.076 | 0.7 | | | | | T__ | | 57.4 | | --- | ML | 1.5 | 6679591 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 09:18:09.973 | 0.4 | | | | | T__ | | | | --- | | 6679590 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Lg | 09:18:09.973 | -0.5 | | | | | T__ | | | | --- | | 6679592 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| TENKA | 0.85 | 225.8 | Lg | 09:18:18.913 | -2.3 | | | | | T__ | | | | --- | | 6679594 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| TRPA | 0.87 | 97.2 | Lg | 09:18:19.435 | -2.7 | | | | | T__ | | | | --- | | 6679593 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU23A | 0.90 | 228.1 | Lg | 09:18:22.564 | -0.7 | | | | | T__ | | | | --- | | 6679595 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.96 | 250.6 | Lg | 09:18:23.458 | -2.0 | | | | | T__ | | | | --- | | 6679596 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.99 | 248.7 | Lg | 09:18:23.831 | -2.1 | | | | | T__ | | | | --- | | 6679597 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/06/24 | 18:57:35.74 | 1.19 | 0.36 | 45.6728 | 21.3135 | 9.0 | 4.4 | 141 | 12.0f | | 6 | 4 | 178 | 0.22 | 1.07 | ke | BUD | 17001484 | BUD | | | | 277 |

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|--------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
| BZS | 0.22 | 104.7 | Pg | 18:57:40.706 | 0.1 | | | | | T__ | | 41.3 | | _d | ML | 0.5 | 6679618 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| BZS | 0.22 | 104.7 | Lg | 18:57:44.356 | 0.1 | | | | | T__ | | | | --- | | 6679619 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BANR | 0.32 | 203.4 | Pg | 18:57:42.438 | 0.2 | | | | | T__ | | 1487.1 | | --- | ML | 2.4 | 6679621 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| BANR | 0.32 | 203.4 | Lg | 18:57:46.871 | -0.3 | | | | | T__ | | | | --- | | 6679620 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.64 | 22.0 | Lg | 18:57:57.506 | -0.2 | | | | | T__ | | | | --- | | 6679622 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| GZR | 1.07 | 104.7 | Lg | 18:58:09.874 | -0.5 | | | | | T__ | | | | --- | | 6679623 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/25 | 00:52:36.27 | 0.91 | 0.58 | 48.0183 | 16.5534 | 4.6 | 3.1 | 82 | 8.0 | 17.7 | 20 | 14 | 85 | 0.34 | 1.14 | ke | BUD | 17001486 | BUD | | | 144 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.3 | 8 BUD | 17001486 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| SOP | 0.34 | 179.4 | Pg | 00:52:43.393 | 0.2 | | | | | T__ | | 55.0 | | --- | ML | 1.0 | 6681786 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| SOP | 0.34 | 179.4 | Lg | 00:52:47.770 | -0.2 | | | | | T__ | | | | --- | | 6681785 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.36 | 208.6 | Pg | 00:52:43.723 | -0.1 | | | | | T__ | | 30.1 | | --- | ML | 0.8 | 6681783 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.36 | 208.6 | Lg | 00:52:48.491 | -0.4 | | | | | T__ | | | | --- | | 6681782 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.42 | 326.8 | Pg | 00:52:44.790 | 0.1 | | | | | T__ | | 55.2 | | --- | ML | 1.2 | 6681787 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A005B | 0.42 | 326.8 | Lg | 00:52:51.807 | 1.0 | | | | | T__ | | | | --- | | 6681784 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.47 | 259.3 | Pg | 00:52:45.740 | -0.1 | | | | | T__ | | 29.7 | | --- | ML | 1.1 | 6681788 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CONA | 0.47 | 259.3 | Lg | 00:52:52.142 | -0.2 | | | | | T__ | | | | --- | | 6681781 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.60 | 53.4 | Lg | 00:52:57.660 | -0.1 | | | | | T__ | | | | --- | | 6681789 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| A008A | 0.70 | 300.5 | Pg | 00:52:49.577 | -0.1 | | | | | T__ | | 44.4 | | --- | ML | 1.5 | 6681791 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A008A | 0.70 | 300.5 | Lg | 00:52:58.964 | -0.3 | | | | | T__ | | | | --- | | 6681790 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.73 | 213.6 | Lg | 00:53:00.678 | 0.8 | | | | | T__ | | | | --- | | 6681792 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| A260A | 0.74 | 172.0 | Lg | 00:53:00.641 | -0.3 | | | | | T__ | | | | --- | | 6681793 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | |
| A013A | 0.77 | 273.8 | Lg | 00:53:01.162 | -0.1 | | | | | T__ | | | | --- | | 6681794 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | | |
| EGYH | 0.80 | 138.6 | Pn | 00:52:53.377 | 0.4 | | | | | T__ | | 53.7 | | --- | ML | 1.7 | 6681795 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.04 | 222.6 | Lg | 00:53:09.656 | 0.3 | | | | | T__ | | | | --- | | 6681796 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| KRUC | 1.05 | 354.3 | Pn | 00:52:57.102 | 0.5 | | | | | T__ | | 18.2 | | --- | ML | 1.3 | 6681798 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KRUC | 1.05 | 354.3 | Lg | 00:53:10.028 | -1.6 | | | | | T__ | | | | --- | | 6681797 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | |

(Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 MPLH 1.08 141.4 Pn 00:52:56.841 0.1 T__ 33.7 ___ ML 1.6 6681799 FDSN HU -- BUD iLoc HHZ HHZ _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 A019A 1.14 240.5 Lg 00:53:12.822 -0.3 T__ ___ 6681800 FDSN Z3 00 BUD iLoc HHZ ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/25 | 07:15:04.83 | 0.86 | 0.86 | 47.9366 | 20.0563 | 3.5 | 2.9 | 176 | 0.0f | 18 | 12 | 79 | | 0.11 | 1.49 | sx | BUD | 17001488 | BUD | | | 104 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 7 BUD | 17001488 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|--|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.11 | 260.6 | Pg | 07:15:08.300 | 0.5 | | | | | T__ | | 1128.1 | | _c | ML | 1.7 | 6681884 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.11 | 260.6 | Lg | 07:15:10.541 | 0.1 | | | | | T__ | | | | --- | | 6681901 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.31 | 264.1 | Lg | 07:15:16.160 | -0.5 | | | | | T__ | | | | --- | | 6681885 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU23A | 0.33 | 156.3 | Pg | 07:15:12.398 | 0.3 | | | | | T__ | | 622.3 | | --- | ML | 2.0 | 6681886 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU23A | 0.33 | 156.3 | Lg | 07:15:17.731 | 0.2 | | | | | T__ | | | | --- | | 6681893 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| TENKA | 0.34 | 145.0 | Pg | 07:15:13.068 | 0.6 | | | | | T__ | | 1974.6 | | --- | ML | 2.6 | 6681887 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TENKA | 0.34 | 145.0 | Lg | 07:15:16.501 | -1.7 | | | | | T__ | | | | --- | | 6681894 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | (Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0 | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.37 | 59.3 | Pg | 07:15:12.770 | -0.0 | | | | | T__ | | 192.5 | | --- | ML | 1.6 | 6681888 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.62 | 27.5 | Lg | 07:15:26.293 | -0.4 | | | | | T__ | | | | --- | | 6681889 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.65 | 29.8 | Pg | 07:15:18.246 | 0.5 | | | | | T__ | | 63.6 | | --- | ML | 1.7 | 6681890 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.65 | 29.8 | Lg | 07:15:27.783 | 0.1 | | | | | T__ | | | | --- | | 6681891 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| HU01A | 0.66 | 206.6 | Lg | 07:15:29.260 | -0.0 | | | | | T__ | | | | --- | | 6681895 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.70 | 262.9 | Lg | 07:15:29.198 | -1.5 | | | | | T__ | | | | --- | | 6681892 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.87 | 65.2 | Pg | 07:15:23.374 | 1.2 | | | | | T__ | | 65.1 | | --- | ML | 1.8 | 6681897 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.87 | 65.2 | Lg | 07:15:34.922 | -1.2 | | | | | T__ | | | | --- | | 6681896 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.99 | 304.8 | Pg | 07:15:25.162 | 0.3 | | | | | T__ | | 15.7 | | --- | ML | 1.2 | 6681898 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.99 | 304.8 | Lg | 07:15:38.796 | -0.5 | | | | | T__ | | | | --- | | 6681899 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.49 | 6.1 | Sn | 07:15:54.591 | 1.1 | | | | | T__ | | | | --- | | 6681900 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/06/25 | 07:56:15.69 | 1.03 | 1.53 | 46.1331 | 18.0531 | 5.8 | 4.0 | 114 | 0.0f | 9 | 6 | 162 | | 0.06 | 0.87 | kx | BUD | 17001490 | BUD | | | 235 |
| 2021/06/25 | 07:56:15.41 | 0.94 | 1.51 | 46.1204 | 18.0243f | | | | 0.0f | 9 | 6 | 165 | | 0.06 | 0.88 | kx | BUD_GT | 17001491 | BUD_GT | | | 259 |

(locality : Bükkösd Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.9 0.3 4 BUD_GT 17001491

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| KOVH | 0.06 | 121.4 | Pg | 07:56:17.800 | 0.4 | | | | | T__ | | 2488.7 | | _c_ | ML 1.9 | 6681936 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.06 | 121.4 | Lg | 07:56:19.029 | -0.2 | | | | | T__ | | | | --- | | 6681937 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.25 | 215.5 | Pg | 07:56:21.860 | 0.9 | | | | | T__ | | 1710.9 | | --- | ML 2.2 | 6681938 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.44 | 22.3 | Pg | 07:56:25.250 | 0.6 | | | | | T__ | | 301.0 | | --- | ML 2.0 | 6681939 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A266A | 0.44 | 22.3 | Lg | 07:56:32.105 | 0.4 | | | | | T__ | | | | --- | | 6681940 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.44 | 77.4 | Pg | 07:56:24.841 | 0.2 | | | | | T__ | | 52.5 | | --- | ML 1.2 | 6681942 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.44 | 77.4 | Lg | 07:56:31.211 | -0.6 | | | | | T__ | | | | --- | | 6681941 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 0.80 | 74.5 | Lg | 07:56:43.429 | -1.2 | | | | | T__ | | | | --- | | 6681943 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| A267A | 0.88 | 20.8 | Lg | 07:56:43.727 | -3.9 | | | | | T__ | | | | --- | | 6681944 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/25 | 08:02:07.40 | 1.06 | 1.16 | 47.4935 | 18.7191 | 8.4 | 3.6 | 172 | 0.0f | | 15 | 10 | 89 | 0.21 | 1.54 | sx | BUD | 17001492 | BUD | | | 154 |

Magnitude Err Nsta Author OrigID
ML 1.7 0.3 5 BUD 17001492

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| BUD | 0.21 | 92.6 | Lg | 08:02:15.903 | -0.4 | | | | | T__ | | | | --- | | 6682004 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| HU09A | 0.27 | 302.6 | Pg | 08:02:14.183 | 0.9 | | | | | T__ | | 222.9 | | --- | ML 1.4 | 6682018 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.27 | 302.6 | Lg | 08:02:17.207 | -1.1 | | | | | T__ | | | | --- | | 6682005 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.34 | 247.4 | Lg | 08:02:19.219 | -1.5 | | | | | T__ | | | | --- | | 6682006 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| HU10A | 0.41 | 29.8 | Lg | 08:02:21.752 | -1.3 | | | | | T__ | | | | --- | | 6682007 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| HU03A | 0.72 | 55.1 | Pg | 08:02:23.056 | 0.4 | | | | | T__ | | 59.6 | | --- | ML 1.7 | 6682009 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.72 | 55.1 | Lg | 08:02:33.039 | -0.6 | | | | | T__ | | | | --- | | 6682008 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.90 | 61.4 | Pn | 08:02:26.781 | 0.4 | | | | | T__ | | 29.3 | | --- | ML 1.5 | 6682010 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.90 | 61.4 | Lg | 08:02:39.000 | -1.2 | | | | | T__ | | | | --- | | 6682011 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.28 | 182.3 | Sn | 08:02:48.759 | -1.4 | | | | | T__ | | | | --- | | 6682012 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MODS | 1.31 | 312.8 | Sn | 08:02:50.175 | -1.6 | | | | | T__ | | | | --- | | 6682013 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| HU02A | 1.37 | 62.0 | Pn | 08:02:34.231 | 1.4 | | | | | T__ | | 50.6 | | --- | ML 2.0 | 6682015 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.37 | 62.0 | Sn | 08:02:53.528 | 0.7 | | | | | T__ | | | | --- | | 6682014 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |


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(Station ML: 2.0 magdef=1
JAVC 1.54 333.2 Pn 08:02:36.466 0.9 T__ 41.3 ___ ML 2.0 6682016 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.54 333.2 Sn 08:02:57.998 0.0 T__ ___ 6682017 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/25 | 09:55:35.74 | 1.41 | 0.94 | 48.5431 | 20.7403 | 11.5 | 3.7 | 3 | 0.0f | | 9 | 6 | 177 | 0.14 | 1.09 | sx | BUD | 17001494 | BUD | | | 235 |

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Magnitude Err Nsta Author OrigID
ML 1.2 0.2 3 BUD 17001494

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| JOS | 0.14 | 250.6 | Pg | 09:55:38.731 | -0.1 | | | | | T__ | | 299.0 | | ___ | ML | 1.2 6682048 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| JOS | 0.14 | 250.6 | Lg | 09:55:41.972 | 0.7 | | | | | T__ | | | | --- | | 6682049 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.18 | 250.6 | Pg | 09:55:39.253 | -0.3 | | | | | T__ | | 628.1 | | ___ | ML | 1.6 6682051 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | | |
| KECS | 0.18 | 250.6 | Lg | 09:55:42.717 | 0.2 | | | | | T__ | | | | --- | | 6682050 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.41 | 126.4 | Pg | 09:55:44.915 | 0.7 | | | | | T__ | | 38.1 | | ___ | ML | 1.0 6682052 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| ABAH | 0.41 | 126.4 | Lg | 09:55:49.534 | -1.9 | | | | | T__ | | | | --- | | 6682053 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.45 | 198.9 | Lg | 09:55:52.129 | -0.3 | | | | | T__ | | | | --- | | 6682056 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | |
| PSZ | 0.84 | 222.4 | Lg | 09:56:06.596 | 0.4 | | | | | T__ | | | | --- | | 6682054 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | | |
| KOLS | 1.09 | 68.4 | Lg | 09:56:12.705 | -0.5 | | | | | T__ | | | | --- | | 6682055 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/25 | 15:52:16.09 | 1.06 | 0.60 | 47.5930 | 16.3787 | 6.1 | 3.8 | 162 | 0.0f | | 12 | 8 | 183 | 0.12 | 0.99 | sx | BUD | 17001498 | BUD | | | 199 |

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Magnitude Err Nsta Author OrigID
ML 1.1 0.3 4 BUD 17001498

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| RONA | 0.12 | 332.5 | Pg | 15:52:18.725 | -0.1 | | | | | T__ | | 330.4 | | _c_ | ML | 1.2 6682487 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| RONA | 0.12 | 332.5 | Lg | 15:52:20.737 | -0.2 | | | | | T__ | | | | --- | | 6682488 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.15 | 53.3 | Pg | 15:52:19.582 | 0.1 | | | | | T__ | | 68.3 | | ___ | ML | 0.6 6682490 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| SOP | 0.15 | 53.3 | Lg | 15:52:22.376 | 0.4 | | | | | T__ | | | | --- | | 6682489 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | | |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.34 | 237.2 | Lg | 15:52:26.518 | -0.8 | | | | | T__ | | | | --- | | 6682494 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| CONA | 0.48 | 314.1 | Pg | 15:52:25.766 | -0.0 | | | | | T__ | | 29.3 | | ___ | ML | 1.1 6682491 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| CONA | 0.48 | 314.1 | Lg | 15:52:32.180 | -0.1 | | | | | T__ | | | | --- | | 6682495 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.67 | 239.8 | Lg | 15:52:38.096 | 0.5 | | | | | T__ | | | | --- | | 6682492 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------|-------|----|--------------|------|--|--|--|--|-----|------|--|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| A013A | 0.81 | 306.1 | Lg | 15:52:43.281 | 1.2 | | | | | T__ | | | | | | 6682496 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A018A | 0.89 | 280.2 | Pg | 15:52:33.223 | -0.2 | | | | | T__ | 29.6 | | --- | ML | 1.5 | 6682498 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.89 | 280.2 | Lg | 15:52:45.218 | 0.6 | | | | | T__ | | | --- | | | 6682497 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.99 | 37.4 | Lg | 15:52:50.725 | -0.6 | | | | | T__ | | | --- | | | 6682493 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/28 | 00:30:55.35 | 1.47 | 0.74 | 46.0613 | 17.0393 | 13.5 | 4.9 | 11 | 12.0f | | 10 | 6 | 218 | 0.20 | 1.13 | ke | BUD | 17001502 | BUD | | | 290 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.2 | 5 BUD | 17001502 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|---------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| A264A | 0.20 | 60.4 | Pg | 00:30:59.422 | -0.6 | | | | | T__ | | 188.8 | | --- | ML | 1.1 | 6689353 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.20 | 60.4 | Lg | 00:31:03.189 | -0.2 | | | | | T__ | | | | --- | | | 6689347 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.61 | 18.1 | Pg | 00:31:07.709 | 0.2 | | | | | T__ | | 98.0 | | --- | ML | 1.8 | 6689348 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.64 | 55.0 | Pg | 00:31:08.348 | 0.3 | | | | | T__ | | 85.5 | | --- | ML | 1.8 | 6689350 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.64 | 55.0 | Lg | 00:31:16.635 | -0.1 | | | | | T__ | | | | --- | | | 6689354 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.67 | 305.5 | Pg | 00:31:08.629 | 0.2 | | | | | T__ | | 28.5 | | --- | ML | 1.3 | 6689349 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.67 | 305.5 | Lg | 00:31:16.840 | -0.6 | | | | | T__ | | | | --- | | | 6689355 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.74 | 87.5 | Pg | 00:31:10.085 | 0.1 | | | | | T__ | | 19.1 | | --- | ML | 1.2 | 6689351 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.74 | 87.5 | Lg | 00:31:21.092 | 1.3 | | | | | T__ | | | | --- | | | 6689352 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.13 | 81.6 | Sn | 00:31:32.163 | 1.1 | | | | | T__ | | | | --- | | | 6689356 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/28 | 07:32:29.17 | 3.43 | 1.37 | 46.9107 | 22.7642 | 29.6 | 20.7 | 112 | 0.0f | | 10 | 5 | 283 | 0.12 | 1.62 | sx | BUD | 17001504 | BUD | | | 309 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.4 | 5 BUD | 17001504 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|---------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| DRGR | 0.12 | 197.0 | Pg | 07:32:32.254 | 0.2 | | | | | T__ | | 351.5 | | --- | ML | 1.2 | 6690328 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.12 | 197.0 | Lg | 07:32:34.392 | -0.1 | | | | | T__ | | | | --- | | | 6690321 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 1.00 | 230.2 | Pn | 07:32:48.676 | -0.7 | | | | | T__ | | 20.2 | | --- | ML | 1.4 | 6690329 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 1.00 | 230.2 | Lg | 07:33:02.978 | -0.6 | | | | | T__ | | | | --- | | | 6690330 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| GZR | 1.52 | 179.7 | Pn | 07:32:57.173 | 0.1 | T__ | 145.1 | ___ | ML | 2.5 | 6690325 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.52 | 179.7 | Sn | 07:33:16.583 | -1.8 | T__ | | --- | | | 6690324 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BZS | 1.52 | 212.0 | Pn | 07:32:56.867 | 0.1 | T__ | 19.4 | ___ | ML | 1.6 | 6690327 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.52 | 212.0 | Sn | 07:33:18.422 | 0.6 | T__ | | --- | | | 6690326 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| LOT | 1.62 | 154.1 | Pn | 07:32:58.195 | -0.6 | T__ | 236.2 | ___ | ML | 2.8 | 6690322 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.62 | 154.1 | Sn | 07:33:18.524 | -2.9 | T__ | | --- | | | 6690323 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/06/28 | 07:48:24.37 | 0.89 | 0.82 | 47.0948 | 18.0356 | 4.7 | 3.1 | 107 | 0.0f | | 16 | 9 | 124 | 0.22 | 1.01 | sx | BUD | 17001506 | BUD | | | 147 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.5 | 0.1 | 8 BUD | 17001506 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| TIH | 0.22 | 206.7 | Pg | 07:48:29.931 | 0.7 | | | | | T__ | | 983.2 | | ___ | ML | 1.9 | 6690404 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.24 | 29.9 | Pg | 07:48:29.211 | -0.5 | | | | | T__ | | 353.3 | | ___ | ML | 1.5 | 6690408 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.24 | 29.9 | Lg | 07:48:34.098 | -0.4 | | | | | T__ | | | | --- | | 6690409 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.29 | 12.0 | Pg | 07:48:31.564 | 0.8 | | | | | T__ | | 397.7 | | ___ | ML | 1.7 | 6690411 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.29 | 12.0 | Lg | 07:48:35.727 | -0.5 | | | | | T__ | | | | --- | | 6690410 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.31 | 29.6 | Pg | 07:48:31.503 | 0.4 | | | | | T__ | | 215.7 | | ___ | ML | 1.5 | 6690400 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.31 | 29.6 | Lg | 07:48:36.049 | -0.9 | | | | | T__ | | | | --- | | 6690399 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.33 | 27.0 | Lg | 07:48:37.039 | -0.7 | | | | | T__ | | | | --- | | 6690412 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.35 | 347.3 | Pg | 07:48:33.149 | 1.4 | | | | | T__ | | 170.4 | | ___ | ML | 1.5 | 6690405 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.35 | 347.3 | Lg | 07:48:37.786 | -0.1 | | | | | T__ | | | | --- | | 6690401 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.35 | 282.7 | Pg | 07:48:31.708 | -0.2 | | | | | T__ | | 205.1 | | ___ | ML | 1.6 | 6690397 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.35 | 282.7 | Lg | 07:48:36.713 | -1.0 | | | | | T__ | | | | --- | | 6690398 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.97 | 154.3 | Pg | 07:48:44.488 | 0.7 | | | | | T__ | | 23.8 | | ___ | ML | 1.4 | 6690406 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.97 | 154.3 | Lg | 07:48:58.269 | 0.1 | | | | | T__ | | | | --- | | 6690402 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.01 | 177.5 | Pn | 07:48:44.284 | -0.3 | | | | | T__ | | 36.0 | | ___ | ML | 1.6 | 6690407 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.01 | 177.5 | Lg | 07:48:58.064 | -1.5 | | | | | T__ | | | | --- | | 6690403 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/06/28 | 08:42:25.78 | 1.75 | 0.67 | 48.0576 | 20.6812 | 12.2 | 5.0 | 1 | 0.0f | 7 | 4 | 244 | 0.12 | 0.45 | kx | BUD | 17001508 | BUD | | | | 313 |
| 2021/06/28 | 08:42:26.02 | 0.97 | 0.51 | 48.0750 | 20.6990f | | | | 0.0f | 7 | 4 | 233 | 0.13 | 0.43 | kx | BUD_GT | 17001509 | BUD_GT | | | | 306 |

(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.1 | 0.0 | 3 BUD_GT | 17001509 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.13 | 292.1 | Pg | 08:42:29.001 | -0.2 | | | | | T__ | | 276.4 | | --- | ML | 1.1 | 6690447 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.13 | 292.1 | Lg | 08:42:31.278 | -0.7 | | | | | T__ | | | | --- | | 6690449 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.42 | 58.4 | Pg | 08:42:35.262 | 0.5 | | | | | T__ | | 38.5 | | --- | ML | 1.1 | 6690450 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.42 | 58.4 | Lg | 08:42:41.519 | -0.7 | | | | | T__ | | | | --- | | 6690451 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.43 | 340.8 | Lg | 08:42:42.132 | 0.5 | | | | | T__ | | | | --- | | 6690452 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.43 | 345.9 | Pg | 08:42:35.056 | 0.2 | | | | | T__ | | 31.9 | | --- | ML | 1.0 | 6690446 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.43 | 345.9 | Lg | 08:42:41.541 | -0.1 | | | | | T__ | | | | --- | | 6690448 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/06/28 | 09:00:52.99 | 2.12 | 0.74 | 48.9689 | 19.6967 | 17.3 | 5.4 | 84 | 4.1 | 20.7 | 10 | 6 | 228 | 0.60 | 1.23 | ke | BUD | 17001510 | BUD | | | | 309 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 4 BUD | 17001510 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| NIE | 0.60 | 41.1 | Pg | 09:01:04.443 | 0.1 | | | | | T__ | | 25.6 | | --- | ML | 1.2 | 6690484 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.60 | 41.1 | Lg | 09:01:12.769 | -0.2 | | | | | T__ | | | | --- | | 6690485 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.71 | 132.6 | Pg | 09:01:07.849 | 0.7 | | | | | T__ | | 121.6 | | --- | ML | 2.0 | 6690481 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.71 | 132.6 | Lg | 09:01:17.145 | -0.6 | | | | | T__ | | | | --- | | 6690480 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.73 | 130.0 | Pg | 09:01:07.900 | 0.4 | | | | | T__ | | 32.9 | | --- | ML | 1.4 | 6690479 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.73 | 130.0 | Lg | 09:01:17.621 | -0.7 | | | | | T__ | | | | --- | | 6690486 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.01 | 146.7 | Pn | 09:01:13.671 | 0.6 | | | | | T__ | | 43.1 | | --- | ML | 1.7 | 6690483 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.01 | 146.7 | Lg | 09:01:26.952 | -0.8 | | | | | T__ | | | | --- | | 6690482 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.06 | 172.8 | Lg | 09:01:29.114 | -0.6 | | | | | T__ | | | | --- | | 6690487 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 1.23 | 122.8 | Lg | 09:01:34.582 | 0.5 | | | | | T__ | | | | --- | | 6690488 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/28 | 09:06:41.07 | 1.47 | 0.68 | 48.4799 | 20.8101 | 11.1 | 5.8 | 23 | 0.0f | | 7 | 5 | 207 | 0.18 | 0.83 | sx | BUD | 17001512 | BUD | | | 292 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.18 | 275.1 | Pg | 09:06:45.256 | 0.4 | | | | | T__ | | 370.7 | | ___ | ML | 1.4 | 6690513 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.18 | 275.1 | Lg | 09:06:47.848 | -0.1 | | | | | T__ | | | | --- | | 6690514 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 271.0 | Pg | 09:06:45.810 | 0.2 | | | | | T__ | | 549.8 | | ___ | ML | 1.6 | 6690512 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.22 | 271.0 | Lg | 09:06:48.270 | -0.9 | | | | | T__ | | | | --- | | 6690515 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.34 | 122.6 | Lg | 09:06:53.735 | -0.5 | | | | | T__ | | | | --- | | 6690516 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.41 | 208.1 | Lg | 09:06:56.851 | 0.4 | | | | | T__ | | | | --- | | 6690517 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 0.83 | 227.8 | Lg | 09:07:10.489 | -0.7 | | | | | T__ | | | | --- | | 6690518 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/28 | 09:11:34.81 | 0.91 | 1.03 | 48.4183 | 17.3224 | 5.0 | 3.0 | 122 | 0.0f | | 12 | 7 | 94 | 0.05 | 1.09 | sx | BUD | 17001514 | BUD | | | 186 |

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 4 BUD 17001514

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.05 | 213.9 | Pg | 09:11:37.038 | 0.5 | | | | | T__ | | | | _c_ | | 6690545 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.05 | 213.9 | Lg | 09:11:38.341 | 0.0 | | | | | T__ | | | | --- | | 6690546 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ZST | 0.27 | 213.5 | Pg | 09:11:40.358 | -0.3 | | | | | T__ | | | | --- | | 6690547 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.27 | 213.5 | Lg | 09:11:43.607 | -1.7 | | | | | T__ | | | | --- | | 6690556 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A337A | 0.36 | 119.0 | Pg | 09:11:42.917 | 0.6 | | | | | T__ | | 361.7 | | ___ | ML | 1.9 | 6690554 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.50 | 27.5 | Pg | 09:11:45.619 | 0.3 | | | | | T__ | | 95.7 | | ___ | ML | 1.7 | 6690548 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.50 | 27.5 | Lg | 09:11:51.366 | -2.0 | | | | | T__ | | | | --- | | 6690549 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.89 | 316.7 | Pg | 09:11:52.928 | 1.0 | | | | | T__ | | 35.1 | | ___ | ML | 1.5 | 6690555 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.89 | 316.7 | Lg | 09:12:04.544 | -0.5 | | | | | T__ | | | | --- | | 6690550 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.00 | 224.1 | Pg | 09:11:55.401 | 0.8 | | | | | T__ | | 30.4 | | ___ | ML | 1.5 | 6690551 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.00 | 224.1 | Lg | 09:12:07.711 | 0.2 | | | | | T__ | | | | --- | | 6690552 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.09 | 243.9 | Lg | 09:12:10.673 | 0.1 | | | | | T__ | | | | --- | | 6690553 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/28 | 09:52:00.95 | 1.05 | 0.66 | 47.8186 | 19.1248 | 13.3 | 3.0 | 178 | 0.0f | | 11 | 7 | 166 | 0.08 | 1.16 | kx | BUD | 17001516 | BUD | | | 211 |

2021/06/28 09:52:01.04 0.89 0.58 47.8355 19.1270f 0.0f 11 7 163 0.07 1.15 kx BUD_GT 17001517 BUD_GT 197
 (locality : Sejce-Vác Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.6 0.2 4 BUD_GT 17001517

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 09:52:03.345 | 0.3 | | | | | T__ | | 2268.7 | | --- | ML | 1.9 | 6690734 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 09:52:04.596 | -0.3 | | | | | T__ | | | | --- | | 6690735 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.33 | 77.7 | Pg | 09:52:08.606 | 0.5 | | | | | T__ | | 136.1 | | --- | ML | 1.3 | 6690736 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.33 | 77.7 | Lg | 09:52:13.867 | 0.4 | | | | | T__ | | | | --- | | 6690738 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.52 | 80.6 | Lg | 09:52:20.022 | -0.8 | | | | | T__ | | | | --- | | 6690739 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| A338A | 0.55 | 289.3 | Lg | 09:52:21.401 | -0.2 | | | | | T__ | | | | --- | | 6690737 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| HU08A | 0.91 | 244.0 | Lg | 09:52:32.715 | -0.8 | | | | | T__ | | | | --- | | 6690740 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.98 | 72.5 | Pn | 09:52:20.865 | -0.2 | | | | | T__ | | 39.5 | | --- | ML | 1.6 | 6690742 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 72.5 | Lg | 09:52:35.882 | -1.0 | | | | | T__ | | | | --- | | 6690741 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.15 | 54.5 | Pn | 09:52:23.419 | 0.1 | | | | | T__ | | 32.0 | | --- | ML | 1.6 | 6690743 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.15 | 54.5 | Sn | 09:52:40.275 | -0.7 | | | | | T__ | | | | --- | | 6690744 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/06/28 10:00:36.39 1.01 0.73 48.1924 16.9353 10.0 4.4 155 0.0f 7 5 160 0.11 1.33 sx BUD 17001518 BUD 197

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| ZST | 0.11 | 88.0 | Pg | 10:00:39.749 | 0.5 | | | | | T__ | | | | --- | | 6690766 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| ZST | 0.11 | 88.0 | Lg | 10:00:40.975 | -0.8 | | | | | T__ | | | | --- | | 6690767 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 0.29 | 51.4 | Pg | 10:00:43.095 | 0.3 | | | | | T__ | | | | --- | | 6690769 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.29 | 51.4 | Lg | 10:00:47.360 | -0.6 | | | | | T__ | | | | --- | | 6690768 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| RONA | 0.65 | 221.3 | Lg | 10:00:57.422 | -0.8 | | | | | T__ | | | | --- | | 6690770 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| CONA | 0.77 | 250.2 | Lg | 10:01:01.330 | -0.3 | | | | | T__ | | | | --- | | 6690771 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| A018A | 1.33 | 250.9 | Lg | 10:01:19.054 | 0.3 | | | | | T__ | | | | --- | | 6690772 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/06/28 12:28:35.44 0.92 0.87 47.5872 16.3763 5.0 3.8 1 0.0f 15 9 120 0.12 1.06 sx BUD 17001522 BUD 163

Magnitude Err Nsta Author OrigID
 ML 1.5 0.2 7 BUD 17001522

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| RONA | 0.12 | 334.4 | Pg | 12:28:38.315 | 0.0 | T__ | 497.3 | _c_ | ML | 1.3 | 6690840 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 334.4 | Lg | 12:28:39.592 | -0.9 | T__ | | --- | | | 6690841 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SOP | 0.16 | 51.9 | Pg | 12:28:39.464 | 0.5 | T__ | 202.7 | --- | ML | 1.0 | 6690843 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.16 | 51.9 | Lg | 12:28:41.967 | 0.4 | T__ | | --- | | | 6690842 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A011B | 0.33 | 237.9 | Pg | 12:28:41.788 | -0.3 | T__ | 66.7 | --- | ML | 1.1 | 6690844 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CONA | 0.49 | 314.7 | Pg | 12:28:45.160 | -0.1 | T__ | 70.0 | --- | ML | 1.5 | 6690845 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.49 | 314.7 | Lg | 12:28:51.544 | -0.2 | T__ | | --- | | | 6690846 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A013A | 0.81 | 306.5 | Lg | 12:29:02.628 | 1.1 | T__ | | --- | | | 6690847 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| A018A | 0.89 | 280.6 | Pg | 12:28:53.587 | 0.8 | T__ | 74.5 | --- | ML | 1.9 | 6690849 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.89 | 280.6 | Lg | 12:29:04.314 | 0.4 | T__ | | --- | | | 6690848 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.89 | 117.4 | Pg | 12:28:54.251 | 0.8 | T__ | 37.6 | --- | ML | 1.6 | 6690851 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.89 | 117.4 | Lg | 12:29:05.591 | -1.0 | T__ | | --- | | | 6690850 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.99 | 37.2 | Lg | 12:29:09.166 | -1.8 | T__ | | --- | | | 6690852 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| HU08A | 1.06 | 97.9 | Pn | 12:28:57.520 | 0.9 | T__ | 62.7 | --- | ML | 1.9 | 6690853 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 1.06 | 97.9 | Sn | 12:29:12.027 | -0.4 | T__ | | --- | | | 6690854 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/28 | 13:36:13.82 | 1.08 | 0.92 | 47.8877 | 16.0865 | 12.5 | 4.1 | 36 | 0.0f | | 9 | 5 | 142 | 0.16 | 1.51 | sx | BUD | 17001524 | BUD | | | 275 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.6 | 4 BUD | 17001524 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.16 | 285.1 | Pg | 13:36:17.464 | 0.3 | | | | | T__ | | 178.5 | | --- | ML | 1.0 | 6690888 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.16 | 285.1 | Lg | 13:36:18.869 | -0.7 | | | | | T__ | | | | --- | | 6690889 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.24 | 143.0 | Pg | 13:36:18.818 | 0.0 | | | | | T__ | | 88.2 | | --- | ML | 0.9 | 6690891 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.24 | 143.0 | Lg | 13:36:22.291 | 0.0 | | | | | T__ | | | | --- | | 6690890 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.19 | 9.8 | Pg | 13:36:36.593 | -0.1 | | | | | T__ | | 34.7 | | --- | ML | 1.7 | 6690893 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.19 | 9.8 | Sn | 13:36:54.062 | -0.1 | | | | | T__ | | | | --- | | 6690892 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TREC | 1.46 | 344.4 | Pn | 13:36:41.650 | 0.6 | | | | | T__ | | 53.7 | | --- | ML | 2.0 | 6690894 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| TREC | 1.46 | 344.4 | Sn | 13:37:02.592 | 2.0 | | | | | T__ | | | | --- | | 6690895 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 2.0 magdef=1
 CKRC 1.51 308.9 Sn 13:37:02.490 0.3 T__ --- 6690896 FDSN CZ -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/06/28 14:31:00.08 4.54 0.91 46.8964 22.8039 45.8 24.6 129 0.0f 6 5 282 0.12 1.60 sx BUD 17001526 BUD 308

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
 DRGR 0.12 211.3 Pg 14:31:02.946 0.0 T__ 172.8 _c ML 0.9 6691065 FDSN RO -- BUD iLoc HHZ HHZ _
 DRGR 0.12 211.3 Lg 14:31:05.372 0.0 T__ --- 6691066 FDSN RO -- BUD iLoc HHN ??? _
 (Reading ML: 0.9 magdef=1
 (Station ML: 0.9 magdef=0
 SIRR 1.01 231.9 Lg 14:31:34.410 -0.4 T__ --- 6691067 FDSN RO -- BUD iLoc HHN ??? _
 GZR 1.50 180.7 Sn 14:31:48.763 -0.2 T__ --- 6691068 FDSN RO -- BUD iLoc HHN ??? _
 BZS 1.52 213.2 Sn 14:31:49.682 0.9 T__ --- 6691069 FDSN RO -- BUD iLoc HHN ??? _
 LOT 1.60 154.8 Sn 14:31:50.500 -1.2 T__ --- 6691070 FDSN RO -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/06/28 16:45:47.32 0.99 0.94 47.6564 16.3642 7.4 3.7 4 0.0f 14 9 147 0.06 0.94 sx BUD 17001528 BUD 178

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 5 BUD 17001528

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
 RONA 0.06 313.4 Pg 16:45:48.668 -0.3 T__ 221.0 _c ML 0.8 6691105 FDSN OE -- BUD iLoc HHZ HHZ _
 RONA 0.06 313.4 Lg 16:45:50.813 0.5 T__ --- 6691098 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 0.8 magdef=1
 (Station ML: 0.8 magdef=1
 SOP 0.13 78.4 Pg 16:45:49.966 -0.4 T__ 71.2 --- ML 0.5 6691107 FDSN HU -- BUD iLoc HHZ HHZ _
 SOP 0.13 78.4 Lg 16:45:52.597 -0.1 T__ --- 6691106 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 0.5 magdef=1
 (Station ML: 0.5 magdef=0
 CONA 0.43 308.9 Lg 16:46:02.766 0.8 T__ --- 6691099 FDSN OE -- BUD iLoc HHN ??? _
 EGYH 0.70 109.7 Lg 16:46:14.003 2.0 T__ --- 6691102 FDSN HU -- BUD iLoc HHN ??? _
 A013A 0.76 302.6 Pg 16:46:02.459 0.4 T__ 59.1 --- ML 1.7 6691100 FDSN Z3 00 BUD iLoc HHZ HHZ _
 A013A 0.76 302.6 Lg 16:46:12.726 0.8 T__ --- 6691101 FDSN Z3 00 BUD iLoc HHN ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=0
 A008A 0.86 326.4 Lg 16:46:16.425 0.9 T__ --- 6691111 FDSN Z3 00 BUD iLoc HH3 ??? _
 A018A 0.87 276.2 Pg 16:46:04.043 -0.2 T__ 19.4 --- ML 1.3 6691104 FDSN Z3 00 BUD iLoc HHZ HHZ _
 A018A 0.87 276.2 Lg 16:46:15.352 0.1 T__ --- 6691108 FDSN Z3 00 BUD iLoc HHE ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 A019A 0.89 256.8 Pg 16:46:03.247 -1.5 T__ 22.5 --- ML 1.3 6691110 FDSN Z3 00 BUD iLoc HHZ HHZ _
 A019A 0.89 256.8 Lg 16:46:15.710 -0.4 T__ --- 6691109 FDSN Z3 00 BUD iLoc HH3 ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 MODS 0.94 40.2 Lg 16:46:20.235 -0.9 T__ --- 6691103 FDSN SK -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/28 | 23:15:31.73 | 1.22 | 0.55 | 47.4192 | 18.1913 | 4.7 | 3.0 | 178 | 4.3 | 11.1 | 11 | 6 | 116 | 0.05 | 0.25 | ke | BUD | 17001530 | BUD | | | 205 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.6 | 0.0 | 5 BUD | 17001530 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.05 | 119.8 | Pg | 23:15:33.740 | 0.4 | | | | | T__ | | 133.0 | | ___ | ML | 0.6 | 6691146 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.05 | 119.8 | Lg | 23:15:34.622 | -0.3 | | | | | T__ | | | | --- | | 6691145 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.06 | 230.8 | Pg | 23:15:33.606 | 0.2 | | | | | T__ | | 153.0 | | _d_ | ML | 0.6 | 6691149 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.06 | 230.8 | Lg | 23:15:34.354 | -0.5 | | | | | T__ | | | | --- | | 6691151 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.07 | 140.0 | Pg | 23:15:34.085 | 0.4 | | | | | T__ | | 123.3 | | ___ | ML | 0.6 | 6691144 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.07 | 140.0 | Lg | 23:15:35.255 | -0.3 | | | | | T__ | | | | --- | | 6691152 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.12 | 173.5 | Pg | 23:15:34.680 | 0.2 | | | | | T__ | | 78.4 | | _c_ | ML | 0.5 | 6691147 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.12 | 173.5 | Lg | 23:15:36.540 | -0.4 | | | | | T__ | | | | --- | | 6691148 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.18 | 273.9 | Pg | 23:15:36.099 | 0.4 | | | | | T__ | | 18.3 | | ___ | ML | 0.1 | 6691150 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.18 | 273.9 | Lg | 23:15:38.833 | -0.1 | | | | | T__ | | | | --- | | 6691153 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.25 | 30.5 | Lg | 23:15:40.530 | -1.0 | | | | | T__ | | | | --- | | 6691154 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/06/29 | 06:54:41.72 | 0.87 | 1.20 | 47.9052 | 19.4031 | 7.2 | 2.6 | 171 | 0.0f | | 19 | 12 | 158 | 0.13 | 1.50 | kx | BUD | 17001532 | BUD | | | 166 |
| 2021/06/29 | 06:54:41.65 | 0.83 | 0.79 | 47.9151 | 19.4088f | | | | 0.0f | | 19 | 12 | 153 | 0.13 | 1.50 | kx | BUD_GT | 17001533 | BUD_GT | | | 160 |

(locality : Szanda Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.9 | 0.1 | 7 BUD_GT | 17001533 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU03A | 0.13 | 95.0 | Pg | 06:54:45.740 | 1.0 | | | | | T__ | | 2481.5 | | ___ | ML | 2.1 | 6691667 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.13 | 95.0 | Lg | 06:54:47.451 | 0.1 | | | | | T__ | | | | --- | | 6691668 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.27 | 255.2 | Pg | 06:54:48.268 | 0.7 | | | | | T__ | | 791.6 | | ___ | ML | 2.0 | 6691670 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.27 | 255.2 | Lg | 06:54:51.640 | -0.8 | | | | | T__ | | | | --- | | 6691669 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.33 | 89.2 | Pg | 06:54:49.201 | 0.1 | | | | | T__ | | 221.1 | | _c_ | ML | 1.6 | 6691653 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.33 | 89.2 | Lg | 06:54:54.449 | -0.3 | | | | | T__ | | | | --- | | 6691671 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.6 magdef=0
VYHS 0.69 326.7 Lg 06:55:05.699 -0.4 T__ --- 6691654 FDSN SK -- BUD iLoc HHE ??? _
A338A 0.72 278.4 Lg 06:55:07.181 -0.9 T__ --- 6691655 FDSN Z3 00 BUD iLoc HH2 ??? _
HU09A 0.75 248.6 Lg 06:55:06.772 -2.2 T__ --- 6691656 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.78 74.1 Pg 06:54:58.089 0.3 T__ 67.6 --- ML 1.8 6691658 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.78 74.1 Lg 06:55:09.479 -0.5 T__ --- 6691657 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.92 51.3 Pn 06:55:00.949 0.3 T__ 140.3 --- ML 2.2 6691659 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.92 51.3 Lg 06:55:13.974 0.2 T__ --- 6691660 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
JOS 0.95 52.0 Pn 06:55:01.715 0.6 T__ 60.4 --- ML 1.8 6691662 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.95 52.0 Lg 06:55:13.821 -1.1 T__ --- 6691661 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 1.28 72.1 Lg 06:55:26.948 0.2 T__ --- 6691663 FDSN HU -- BUD iLoc HHE ??? _
JAVC 1.49 309.8 Pg 06:55:11.727 -0.1 T__ 33.3 --- ML 1.9 6691666 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.49 309.8 Sn 06:55:31.238 -0.0 T__ --- 6691665 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MODS 1.50 288.6 Sn 06:55:29.604 -1.1 T__ --- 6691664 FDSN SK -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/29 07:18:36.12 1.53 0.83 47.9602 20.3807 13.5 3.9 145 0.0f 9 5 203 0.19 0.67 kx BUD 17001534 BUD 308
2021/06/29 07:18:36.37 0.95 0.69 47.9767 20.3679f 0.0f 9 5 198 0.18 0.67 kx BUD_GT 17001535 BUD_GT 307

```

(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.2 4 BUD_GT 17001535

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.18 35.8 Pg 07:18:40.674 0.0 T__ 248.4 _c_ ML 1.2 6691728 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.18 35.8 Lg 07:18:43.230 -0.9 T__ --- 6691732 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.32 259.8 Pg 07:18:44.040 0.3 T__ 61.2 --- ML 1.0 6691730 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.32 259.8 Lg 07:18:48.152 -1.1 T__ --- 6691733 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KECS 0.51 8.8 Pg 07:18:47.845 1.1 T__ 147.9 --- ML 1.9 6691731 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.51 8.8 Lg 07:18:54.771 0.1 T__ --- 6691726 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 0.53 12.4 Pg 07:18:47.515 0.4 T__ 21.0 --- ML 1.1 6691729 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 12.4 Lg 07:18:54.925 -0.4 T__ --- 6691727 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ABAH 0.67 61.0 Lg 07:19:00.999 0.0 T__ --- 6691734 FDSN HU -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/29 | 07:59:00.93 | 1.14 | 1.12 | 46.0603 | 22.8374 | 8.3 | 4.5 | 45 | 0.0f | | 12 | 7 | 87 | 0.18 | 1.46 | sx | BUD | 17001536 | BUD | | | 139 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 6 BUD | 17001536 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.18 | 165.4 | Pg | 07:59:04.378 | -0.0 | | | | | T__ | | 714.0 | | ___ | ML | 1.7 | 6691773 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.18 | 165.4 | Lg | 07:59:07.065 | 0.1 | | | | | T__ | | | | --- | | 6691768 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.67 | 183.7 | Pg | 07:59:13.603 | -0.2 | | | | | T__ | | 88.1 | | --- | ML | 1.8 | 6691769 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.67 | 183.7 | Lg | 07:59:23.389 | 0.1 | | | | | T__ | | | | --- | | 6691777 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.74 | 353.2 | Lg | 07:59:25.279 | -2.4 | | | | | T__ | | | | --- | | 6691778 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| SIRR | 0.84 | 284.6 | Pg | 07:59:18.967 | 0.8 | | | | | T__ | | 38.2 | | --- | ML | 1.6 | 6691772 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.84 | 284.6 | Lg | 07:59:30.182 | -0.2 | | | | | T__ | | | | --- | | 6691779 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.89 | 132.8 | Pg | 07:59:18.967 | 0.9 | | | | | T__ | | 70.8 | | --- | ML | 1.8 | 6691771 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.89 | 132.8 | Lg | 07:59:30.306 | -0.9 | | | | | T__ | | | | --- | | 6691770 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.96 | 243.0 | Pg | 07:59:19.728 | 0.1 | | | | | T__ | | 25.2 | | --- | ML | 1.4 | 6691775 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.96 | 243.0 | Lg | 07:59:32.191 | -1.0 | | | | | T__ | | | | --- | | 6691774 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| ARCR | 1.46 | 45.0 | Pn | 07:59:29.586 | 1.4 | | | | | T__ | | 70.0 | | --- | ML | 2.2 | 6691776 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/06/29 | 08:12:14.40 | 0.93 | 1.56 | 46.8885 | 17.3278 | 5.2 | 3.7 | 79 | 0.0f | | 11 | 7 | 98 | 0.14 | 1.13 | sx | BUD | 17001538 | BUD | | | 188 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.4 | 4 BUD | 17001538 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.14 | 297.4 | Pg | 08:12:17.224 | -0.6 | | | | | T__ | | 6206.7 | | ___ | ML | 2.5 | 6691815 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.14 | 297.4 | Lg | 08:12:20.851 | 0.2 | | | | | T__ | | | | --- | | 6691816 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.25 | 182.1 | Pg | 08:12:19.369 | -0.6 | | | | | T__ | | 812.9 | | --- | ML | 1.9 | 6691817 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.25 | 182.1 | Lg | 08:12:23.183 | -0.9 | | | | | T__ | | | | --- | | 6691814 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.32 | 27.1 | Pg | 08:12:21.617 | 0.3 | | | | | T__ | | 149.6 | | --- | ML | 1.4 | 6691818 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.32 | 27.1 | Lg | 08:12:26.214 | -0.6 | | | | | T__ | | | | --- | | 6691819 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.73 | 182.1 | Lg | 08:12:41.251 | 2.1 | | | | | T__ | | | | --- | | 6691823 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |

KOGS 0.86 239.7 Lg 08:12:45.675 2.9 T__
 KOVH 0.96 146.0 Pg 08:12:34.188 0.4 T__ 36.2 --- ML 1.6 6691822 FDSN HU -- BUD iLoc HHZ HHZ _
 KOVH 0.96 146.0 Lg 08:12:46.600 -0.9 T__ --- 6691821 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 MORH 1.13 126.1 Sn 08:12:51.072 -1.9 T__ --- 6691813 FDSN HU -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/06/29 08:42:44.81 1.89 1.44 47.0567 22.2630 17.0 5.9 8 0.0f 11 7 210 0.41 1.92 sx BUD 17001540 BUD 231

Magnitude Err Nsta Author OrigID
 ML 2.0 0.4 6 BUD 17001540

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
 DRGR 0.41 130.6 Pg 08:42:53.295 0.2 T__ 228.5 _c ML 1.8 6691855 FDSN RO -- BUD iLoc HHZ HHZ _
 DRGR 0.41 130.6 Lg 08:42:58.250 -1.6 T__ --- 6691856 FDSN RO -- BUD iLoc HHN ??? _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 HU24A 0.77 259.4 Pg 08:43:00.778 -0.3 T__ 280.3 --- ML 2.4 6691857 FDSN ZJ 00 BUD iLoc HHE HHZ _
 (Reading ML: 2.4 magdef=1
 (Station ML: 2.4 magdef=1
 SIRR 0.89 208.0 Pg 08:43:03.383 0.6 T__ 27.8 --- ML 1.4 6691858 FDSN RO -- BUD iLoc HHZ HHZ _
 SIRR 0.89 208.0 Lg 08:43:15.029 -1.2 T__ --- 6691859 FDSN RO -- BUD iLoc HHN ??? _
 (Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=0
 CJR 0.98 110.1 Pn 08:43:06.244 1.3 T__ 258.6 --- ML 2.5 6691860 FDSN RO -- BUD iLoc HHZ HHZ _
 (Reading ML: 2.5 magdef=1
 (Station ML: 2.5 magdef=0
 BZS 1.51 197.5 Pn 08:43:13.241 1.1 T__ 21.5 --- ML 1.7 6691861 FDSN RO -- BUD iLoc HHZ HHZ _
 BZS 1.51 197.5 Sn 08:43:32.804 -0.4 T__ --- 6691862 FDSN RO -- BUD iLoc HHE ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1
 HU21A 1.89 248.4 Sn 08:43:44.195 2.4 T__ --- 6691863 FDSN ZJ 00 BUD iLoc HHE ??? _
 LOT 1.92 146.4 Pn 08:43:20.494 1.9 T__ 39.9 --- ML 2.2 6691865 FDSN RO -- BUD iLoc HHZ HHZ _
 LOT 1.92 146.4 Sn 08:43:44.552 0.4 T__ --- 6691864 FDSN RO -- BUD iLoc HHE ??? _
 (Reading ML: 2.2 magdef=1
 (Station ML: 2.2 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/06/29 09:01:38.17 1.25 0.64 47.2166 18.2747 7.4 4.6 112 0.0f 13 9 108 0.10 1.33 kx BUD 17001542 BUD 208
 2021/06/29 09:01:38.31 0.91 0.62 47.2302 18.2835f 0.0f 13 9 109 0.09 1.32 kx BUD_GT 17001543 BUD_GT 206

(locality : Iszkaszentgyörgy Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.2 0.1 4 BUD_GT 17001543

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
 MSW2 0.09 325.6 Pg 09:01:41.274 0.5 T__ 479.2 --- ML 1.2 6692027 FDSN HU -- BUD iLoc HHZ HHZ _
 MSW2 0.09 325.6 Lg 09:01:42.413 -0.7 T__ --- 6692030 FDSN HU -- BUD iLoc HHN ??? _

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.13 353.3 Pg 09:01:42.009 0.4 T__ 289.1 ___ ML 1.1 6692022 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.13 353.3 Lg 09:01:44.321 -0.4 T__ ___ 6692031 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MSW1 0.16 354.2 Pg 09:01:43.002 0.8 T__ 223.5 ___ ML 1.1 6692033 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.16 354.2 Lg 09:01:45.634 -0.1 T__ ___ 6692028 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MSW3 0.19 325.1 Lg 09:01:46.203 -0.3 T__ ___ 6692029 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.32 309.6 Lg 09:01:50.539 -0.3 T__ ___ 6692023 FDSN ZJ 00 BUD iLoc HHE ??? _
MPLH 0.51 263.5 Pg 09:01:49.057 0.1 T__ 44.4 ___ ML 1.4 6692024 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.51 263.5 Lg 09:01:56.279 -0.7 T__ ___ 6692032 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MORH 1.05 166.2 Lg 09:02:12.991 -1.4 T__ ___ 6692034 FDSN HU -- BUD iLoc HHZ ??? _
PSZ 1.29 57.1 Sn 09:02:21.901 -0.2 T__ ___ 6692025 FDSN GE -- BUD iLoc HHE ??? _
VYHS 1.32 16.2 Sn 09:02:22.360 -0.4 T__ ___ 6692026 FDSN SK -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/29 09:19:51.75 1.34 0.97 48.9023 20.9760 8.8 5.9 70 0.0f 12 8 193 0.50 1.68 sx BUD 17001544 BUD 230

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 5 BUD 17001544

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.50 215.6 Pg 09:20:01.824 0.1 T__ 47.0 ___ ML 1.4 6692071 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.50 215.6 Lg 09:20:09.434 0.2 T__ ___ 6692078 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
KECS 0.53 217.9 Pg 09:20:02.334 -0.0 T__ 125.6 ___ ML 1.9 6692070 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.53 217.9 Lg 09:20:11.611 1.2 T__ ___ 6692076 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
ABAH 0.63 163.8 Pg 09:20:04.990 0.6 T__ 67.5 ___ ML 1.7 6692081 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.63 163.8 Lg 09:20:13.265 -1.6 T__ ___ 6692080 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 0.68 319.6 Lg 09:20:14.593 0.2 T__ ___ 6692079 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.84 201.2 Pg 09:20:08.581 -0.4 T__ 27.7 ___ ML 1.4 6692073 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.84 201.2 Lg 09:20:20.498 -1.3 T__ ___ 6692077 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 1.22 216.6 Pn 09:20:14.951 -0.3 T__ 30.8 ___ ML 1.7 6692072 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
OJC 1.53 330.3 Lg 09:20:39.892 -1.2 T__ ___ 6692074 FDSN PL -- BUD iLoc BHN ??? _
HU10A 1.68 231.7 Sn 09:20:45.409 0.8 T__ ___ 6692075 FDSN ZJ 00 BUD iLoc HHE ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/06/29 | 13:36:34.04 | 1.08 | 0.44 | 47.8823 | 16.0876 | 8.1 | 3.5 | 43 | 0.0f | 9 | 7 | 173 | 0.16 | 0.74 | sx | BUD | 17001546 | BUD | | | | 221 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.16 | 286.9 | Pg | 13:36:37.210 | -0.2 | | | | | T__ | | 189.2 | | --- | ML | 1.0 | 6692245 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.16 | 286.9 | Lg | 13:36:39.534 | -0.3 | | | | | T__ | | | | --- | | 6692244 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.23 | 142.3 | Pg | 13:36:38.896 | -0.0 | | | | | T__ | | 83.5 | | --- | ML | 0.9 | 6692246 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.23 | 142.3 | Lg | 13:36:42.292 | -0.0 | | | | | T__ | | | | --- | | 6692247 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.48 | 190.5 | Lg | 13:36:49.571 | -0.2 | | | | | T__ | | | | --- | | 6692248 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| A013A | 0.49 | 291.9 | Lg | 13:36:50.133 | 0.2 | | | | | T__ | | | | --- | | 6692249 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| A008A | 0.57 | 329.2 | Lg | 13:36:53.147 | 0.4 | | | | | T__ | | | | --- | | 6692250 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| A018A | 0.69 | 258.9 | Lg | 13:36:57.080 | 0.8 | | | | | T__ | | | | --- | | 6692251 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.74 | 211.4 | Lg | 13:36:57.922 | 0.3 | | | | | T__ | | | | --- | | 6692243 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/06/30 | 07:59:07.76 | 1.02 | 0.88 | 47.4302 | 18.7194 | 7.7 | 3.5 | 154 | 0.0f | 16 | 11 | 107 | 0.21 | 1.40 | sx | BUD | 17001548 | BUD | | | | | 174 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 5 BUD | 17001548 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BUD | 0.21 | 75.4 | Lg | 07:59:15.891 | -1.0 | | | | | T__ | | | | --- | | 6692421 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.31 | 312.5 | Lg | 07:59:19.262 | -0.8 | | | | | T__ | | | | --- | | 6692424 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.31 | 263.4 | Pg | 07:59:15.321 | 0.8 | | | | | T__ | | 247.6 | | --- | ML | 1.6 | 6692431 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.31 | 263.4 | Lg | 07:59:19.356 | -1.0 | | | | | T__ | | | | --- | | 6692432 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.32 | 258.0 | Pg | 07:59:15.329 | 0.7 | | | | | T__ | | 318.3 | | --- | ML | 1.7 | 6692423 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.32 | 258.0 | Lg | 07:59:19.364 | -1.1 | | | | | T__ | | | | --- | | 6692422 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.37 | 249.9 | Pg | 07:59:15.994 | 0.4 | | | | | T__ | | 86.3 | | --- | ML | 1.3 | 6692434 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.37 | 249.9 | Lg | 07:59:21.662 | -0.5 | | | | | T__ | | | | --- | | 6692433 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.41 | 263.6 | Pg | 07:59:16.859 | 0.6 | | | | | T__ | | 159.0 | | --- | ML | 1.6 | 6692435 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.41 | 263.6 | Lg | 07:59:22.430 | -0.9 | | | | | T__ | | | | --- | | 6692436 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.46 | 25.9 | Lg | 07:59:24.625 | -0.7 | | | | | T__ | | | | --- | | 6692425 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.93 | 58.0 | Lg | 07:59:41.276 | -0.4 | | | | | T__ | | | | --- | | 6692426 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.07 | 4.2 | Pn | 07:59:29.784 | 0.7 | | | | | T__ | | 15.0 | | --- | ML | 1.3 | 6692428 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.07 | 4.2 | Lg | 07:59:44.903 | -0.1 | | | | | T__ | | | | --- | | 6692427 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.22 | 182.5 | Sn | 07:59:48.938 | 0.0 | | | | | T__ | | | | --- | | 6692429 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

HU02A 1.40 59.7 Sn 07:59:55.272 1.4 T__ --- 6692430 FDSN ZJ 00 BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/06/30 | 08:06:43.54 | 1.07 | 1.03 | 46.2984 | 21.8383 | 6.8 | 4.7 | 166 | 0.0f | 8 | 4 | 154 | 0.13 | 1.12 | sx | BUD | 17001550 | BUD | | | | 247 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 4 BUD | 17001550 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SIRR | 0.13 | 256.1 | Pg | 08:06:46.979 | 0.3 | | | | | T__ | | 285.2 | | --- | ML | 1.1 | 6692466 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.13 | 256.1 | Lg | 08:06:49.073 | -0.2 | | | | | T__ | | | | --- | | 6692467 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.70 | 192.9 | Pg | 08:06:57.297 | 0.1 | | | | | T__ | | 30.5 | | --- | ML | 1.4 | 6692469 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.70 | 192.9 | Lg | 08:07:06.287 | -0.9 | | | | | T__ | | | | --- | | 6692468 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.78 | 50.4 | Pg | 08:06:59.442 | 0.3 | | | | | T__ | | 52.0 | | --- | ML | 1.6 | 6692470 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.78 | 50.4 | Lg | 08:07:09.505 | -1.9 | | | | | T__ | | | | --- | | 6692471 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.12 | 143.7 | Pg | 08:07:05.623 | 0.8 | | | | | T__ | | 41.7 | | --- | ML | 1.7 | 6692473 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.12 | 143.7 | Lg | 08:07:20.180 | -0.2 | | | | | T__ | | | | --- | | 6692472 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/06/30 | 08:20:47.08 | 2.94 | 3.14 | 46.1207 | 18.1081 | 29.5 | 4.3 | 128 | 0.0f | 5 | 3 | 149 | 0.03 | 1.12 | sx | BUD | 17001552 | BUD | | | | 264 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 4 BUD | 17001550 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.03 | 190.0 | Pg | 08:20:48.702 | 0.2 | | | | | T__ | | 1263.0 | | --- | ML | 1.5 | 6692495 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.03 | 190.0 | Lg | 08:20:49.673 | -0.3 | | | | | T__ | | | | --- | | 6692496 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.38 | 75.6 | Pg | 08:20:55.751 | 0.5 | | | | | T__ | | 32.0 | | --- | ML | 0.9 | 6692498 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.38 | 75.6 | Lg | 08:21:00.501 | -1.1 | | | | | T__ | | | | --- | | 6692497 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.12 | 339.7 | Sn | 08:21:21.341 | -4.3 | | | | | T__ | | | | --- | | 6692499 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/06/30 | 09:08:15.63 | 0.96 | 1.18 | 47.9149 | 18.9571 | 6.3 | 3.8 | 55 | 0.0f | 9 | 5 | 134 | 0.08 | 1.21 | sx | BUD | 17001554 | BUD | | | | 202 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 4 BUD | 17001554 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
| | | | | | | | | | | | | | | | | | | | | | | | | |

```

HU10A  0.08 149.3 Pg      09:08:18.370  0.6      T__      1209.7      ___ ML      1.6 6692524  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU10A  0.08 149.3 Lg      09:08:19.057 -0.7      T__      ___      ___      6692528  FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A338A  0.42 284.1 Lg      09:08:30.486 -1.1      T__      ___      ___      6692529  FDSN Z3      00 BUD  iLoc  HH2 ???  _
VYHS   0.59 352.1 Pg      09:08:28.405  0.8      T__      11.8      ___ ML      0.9 6692531  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
VYHS   0.59 352.1 Lg      09:08:35.811 -0.6      T__      ___      ___      6692530  FDSN SK      -- BUD  iLoc  HHE ???  _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
PSZ    0.63 89.3 Pg      09:08:29.377  0.2      T__      44.9      ___ ML      1.5 6692525  FDSN GE      -- BUD  iLoc  HHZ HHZ  _
PSZ    0.63 89.3 Lg      09:08:38.325 -0.8      T__      ___      ___      6692523  FDSN GE      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS    1.21 60.6 Pn      09:08:39.236  0.5      T__      23.8      ___ ML      1.5 6692526  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS    1.21 60.6 Sn      09:08:54.814 -2.1      T__      ___      ___      6692527  FDSN ZJ      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/06/30 09:21:04.58  0.85  1.45 48.4053  18.4848  4.9  3.2  1  0.0f  14  10 118  0.25  1.37  sx BUD  17001556  BUD  160

```

```

Magnitude Err Nsta Author  OrigID
ML 1.6 0.1 4 BUD 17001556

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
VYHS  0.25  69.1 Pg      09:21:10.482  0.6      T__      ___      ___      82.6      ___ ML      0.9 6692564  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
VYHS  0.25  69.1 Lg      09:21:14.393  0.5      T__      ___      ___      ___      ___      6692569  FDSN SK      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
A338A  0.40 192.8 Lg      09:21:19.757  0.0      T__      ___      ___      ___      ___      6692570  FDSN Z3      00 BUD  iLoc  HH2 ???  _
HU10A  0.66 147.3 Lg      09:21:27.572 -1.4      T__      ___      ___      ___      ___      6692572  FDSN ZJ      00 BUD  iLoc  HHE ???  _
JAVC   0.71 310.4 Pg      09:21:19.676  0.5      T__      50.4      ___ ML      1.6 6692565  FDSN CZ      -- BUD  iLoc  HHZ HHZ  _
JAVC   0.71 310.4 Lg      09:21:27.469 -2.7      T__      ___      ___      ___      ___      6692571  FDSN CZ      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MODS   0.81 268.2 Pg      09:21:22.383  1.4      T__      ___      ___      ___      ___      6692566  FDSN SK      -- BUD  iLoc  HHZ ???  _
MODS   0.81 268.2 Lg      09:21:32.118 -1.3      T__      ___      ___      ___      ___      6692573  FDSN SK      -- BUD  iLoc  HHE ???  _
ZST    0.95 257.7 Lg      09:21:38.347  0.5      T__      ___      ___      ___      ___      6692567  FDSN SK      -- BUD  iLoc  HHE ???  _
HU08A  1.05 201.4 Lg      09:21:39.779 -1.7      T__      ___      ___      ___      ___      6692574  FDSN ZJ      00 BUD  iLoc  HHE ???  _
CSKK   1.05 188.3 Sn      09:21:40.801 -1.7      T__      ___      ___      ___      ___      6692575  FDSN HU      -- BUD  iLoc  HHE ???  _
PSZ    1.06 116.8 Pn      09:21:26.244  0.3      T__      36.8      ___ ML      1.7 6692577  FDSN GE      -- BUD  iLoc  HHZ HHZ  _
PSZ    1.06 116.8 Lg      09:21:40.903 -1.7      T__      ___      ___      ___      ___      6692576  FDSN GE      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS    1.37 85.4 Pn      09:21:30.481  0.4      T__      19.7      ___ ML      1.6 6692568  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/06/30 10:26:22.47  1.50  1.12 47.8783  20.1659  14.0  3.4 159  0.0f  14  8 172  0.19  1.23  kx BUD  17001558  BUD  199

```


2021/06/30 10:26:22.34 0.91 0.92 47.8650 20.1529f 0.0f 14 8 173 0.18 1.22 kx BUD_GT 17001559 BUD_GT 200
 (locality : Kiszána Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 6 BUD_GT 17001559

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 10:26:27.234 | 0.4 | | | | | T__ | | 675.3 | | --- | ML | 1.6 6692612 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 10:26:30.095 | -0.4 | | | | | T__ | | | | --- | | 6692613 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 10:26:30.095 | -0.1 | | | | | T__ | | 135.2 | | --- | ML | 1.4 6692615 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.0 | Lg | 10:26:35.407 | -0.9 | | | | | T__ | | | | --- | | 6692614 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.37 | 276.2 | Pg | 10:26:31.014 | 0.6 | | | | | T__ | | 96.7 | | --- | ML | 1.3 6692616 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.37 | 276.2 | Lg | 10:26:36.888 | 0.4 | | | | | T__ | | | | --- | | 6692617 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.66 | 19.7 | Pg | 10:26:34.896 | -0.7 | | | | | T__ | | 109.7 | | --- | ML | 1.9 6692618 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.66 | 19.7 | Lg | 10:26:45.929 | 0.3 | | | | | T__ | | | | --- | | 6692619 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.68 | 22.1 | Pg | 10:26:36.020 | 0.0 | | | | | T__ | | 31.9 | | --- | ML | 1.4 6692621 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 22.1 | Lg | 10:26:46.287 | -0.2 | | | | | T__ | | | | --- | | 6692620 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.85 | 59.0 | Pg | 10:26:39.646 | 0.4 | | | | | T__ | | 40.2 | | --- | ML | 1.6 6692622 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.85 | 59.0 | Lg | 10:26:51.803 | -1.1 | | | | | T__ | | | | --- | | 6692623 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A271A | 1.14 | 232.0 | Sn | 10:26:59.465 | -2.1 | | | | | T__ | | | | --- | | 6692624 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| HU09A | 1.22 | 259.9 | Sn | 10:27:01.917 | -1.7 | | | | | T__ | | | | --- | | 6692625 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/06/30 10:44:41.61 1.04 1.07 46.9443 17.5446 7.1 3.6 2 0.0f 10 6 188 0.24 1.02 sx BUD 17001560 BUD 243

Magnitude Err Nsta Author OrigID
 ML 2.1 0.2 4 BUD 17001560

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| TIH | 0.24 | 100.4 | Pg | 10:44:47.243 | 0.2 | | | | | T__ | | 827.8 | | --- | ML | 1.9 6692658 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 0.24 | 100.4 | Lg | 10:44:50.927 | -0.4 | | | | | T__ | | | | --- | | 6692665 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A261A | 0.27 | 271.8 | Pg | 10:44:48.111 | 0.5 | | | | | T__ | | 2191.6 | | --- | ML | 2.4 6692659 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.27 | 271.8 | Lg | 10:44:51.079 | -1.0 | | | | | T__ | | | | --- | | 6692664 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.34 | 207.6 | Pg | 10:44:49.848 | 0.9 | | | | | T__ | | 922.3 | | --- | ML | 2.2 6692660 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.34 | 207.6 | Lg | 10:44:52.555 | -1.7 | | | | | T__ | | | | --- | | 6692661 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |

```

(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A262A 0.70 263.8 Lg 10:45:04.923 -0.3 T__
KOVH 0.94 155.7 Pn 10:45:02.158 1.3 T__ 98.8
KOVH 0.94 155.7 Lg 10:45:12.960 -0.5 T__
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOGS 1.02 241.3 Lg 10:45:14.059 -0.8 T__

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/01 07:52:35.80 0.99 1.31 47.8559 19.1239 7.2 3.9 166 0.0f 11 7 178 0.07 1.14 kx BUD 17001562 BUD 260
2021/07/01 07:52:35.62 0.91 1.24 47.8355 19.1270f 0.0f 11 7 197 0.07 1.15 kx BUD_GT 17001563 BUD_GT 263
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD_GT 17001563

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 277.6 Pg 07:52:38.198 0.6 T__ 1116.7 ___ ML 1.6 6693091 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 277.6 Lg 07:52:39.041 -0.4 T__ ___ 6693090 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.33 77.7 Lg 07:52:48.606 0.6 T__ ___ 6693089 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.52 80.6 Lg 07:52:54.084 -1.3 T__ ___ 6693092 FDSN GE -- BUD iLoc HHE ??? _
VYHS 0.69 343.6 Pg 07:52:50.738 1.1 T__ 12.1 ___ ML 1.0 6693093 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.69 343.6 Lg 07:52:57.582 -2.3 T__ ___ 6693094 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.98 72.5 Pn 07:52:55.820 0.2 T__ 27.5 ___ ML 1.5 6693095 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.98 72.5 Lg 07:53:10.327 -1.1 T__ ___ 6693096 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 1.12 54.0 Sn 07:53:13.340 -1.3 T__ ___ 6693097 FDSN SK -- BUD iLoc EHN ??? _
JOS 1.15 54.5 Pn 07:52:58.068 0.1 T__ 27.8 ___ ML 1.6 6693098 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.15 54.5 Sn 07:53:13.749 -1.8 T__ ___ 6693099 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/01 08:41:38.82 1.02 0.90 46.1167 21.6708 9.9 3.8 87 0.0f 8 4 172 0.15 1.06 sx BUD 17001564 BUD 224

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.5 4 BUD 17001564

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SIRR 0.15 357.1 Pg 08:41:42.606 0.2 T__ 406.7 ___ ML 1.3 6693199 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.15 357.1 Lg 08:41:45.291 -0.1 T__ ___ 6693200 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

```

BZS 0.50 184.3 Pg 08:41:48.820 0.1 T__ 31.0 ___ ML 1.2 6693202 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.50 184.3 Lg 08:41:55.726 -0.3 T__ ___ 6693201 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
DRGR 0.99 46.4 Pg 08:41:58.641 0.1 T__ 68.7 ___ ML 1.9 6693204 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.99 46.4 Lg 08:42:11.148 -1.9 T__ ___ 6693203 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
GZR 1.06 132.7 Pg 08:41:59.179 0.2 T__ 99.5 ___ ML 2.1 6693205 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.06 132.7 Lg 08:42:14.217 0.4 T__ ___ 6693206 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/01 08:44:42.66 1.61 1.12 48.2384 21.2398 9.4 3.5 120 0.0f 11 7 154 0.06 1.33 kx BUD 17001566 BUD 251
2021/07/01 08:44:42.70 0.94 1.04 48.2470 21.2460f 0.0f 11 7 153 0.05 1.33 kx BUD_GT 17001567 BUD_GT 255
(locality : Tallya Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD_GT 17001567

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.05 355.1 Pg 08:44:44.885 0.6 T__ 8268.2 _c_ ML 2.4 6693250 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 08:44:45.293 -0.6 T__ ___ 6693251 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
HU02A 0.50 255.8 Pg 08:44:53.683 0.4 T__ 88.1 ___ ML 1.6 6693252 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 08:44:59.812 -1.6 T__ ___ 6693253 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.53 298.1 Pg 08:44:54.207 0.8 T__ 89.7 ___ ML 1.7 6693254 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 08:45:01.307 -0.3 T__ ___ 6693255 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.56 295.3 Pg 08:44:54.666 0.7 T__ 138.1 ___ ML 2.0 6693256 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 295.3 Lg 08:45:01.843 -0.7 T__ ___ 6693257 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TRPA 0.87 97.2 Lg 08:45:12.978 -1.2 T__ ___ 6693258 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.96 250.6 Lg 08:45:15.430 -2.0 T__ ___ 6693259 FDSN GE -- BUD iLoc HHN ??? _
NIE 1.33 332.3 Lg 08:45:26.565 -0.7 T__ ___ 6693260 FDSN PL -- BUD iLoc BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/01 08:46:38.46 1.46 1.21 48.5061 20.7772 12.3 4.3 15 0.0f 8 6 213 0.16 1.29 sx BUD 17001568 BUD 293

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 3 BUD 17001568

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JOS | 0.16 | 266.4 | Pg | 08:46:42.073 | 0.2 | T__ | 350.4 | ___ | ML | 1.3 | 6693287 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.16 | 266.4 | Lg | 08:46:44.627 | 0.1 | T__ | | --- | | | 6693288 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 263.4 | Pg | 08:46:42.405 | -0.2 | T__ | 860.5 | ___ | ML | 1.8 | 6693290 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 263.4 | Lg | 08:46:45.904 | 0.1 | T__ | | --- | | | 6693289 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 124.1 | Pg | 08:46:46.185 | -0.0 | T__ | 99.2 | ___ | ML | 1.3 | 6693291 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.42 | 203.8 | Lg | 08:46:54.843 | 0.5 | T__ | | --- | | | 6693292 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| PSZ | 0.83 | 225.4 | Lg | 08:47:08.098 | -0.6 | T__ | | --- | | | 6693293 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 1.29 | 270.2 | Sn | 08:47:19.641 | -2.6 | T__ | | --- | | | 6693294 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|-----------------------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/07/01 | 09:05:37.65 | 0.99 | 1.20 | 48.4321 | 20.7186 | 7.9 | 3.5 | 23 | 0.0f | | 8 | 5 | 173 | 0.14 | 0.75 | kx | BUD | 17001570 | BUD | | | 264 |
| 2021/07/01 | 09:05:37.21 | 0.94 | 1.13 | 48.4470 | 20.7870f | | | | 0.0f | | 8 | 5 | 189 | 0.17 | 0.80 | kx | BUD_GT | 17001571 | BUD_GT | | | 281 |
| (locality : Meszes Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.1 | 0.2 | 3 BUD_GT | 17001571 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 286.6 | Pg | 09:05:40.665 | -0.2 | | | | | T__ | | 191.0 | | _c_ | ML | 1.1 | 6693322 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 286.6 | Lg | 09:05:42.925 | -0.9 | | | | | T__ | | | | --- | | 6693323 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 280.3 | Pg | 09:05:41.278 | -0.2 | | | | | T__ | | 307.8 | | ___ | ML | 1.4 | 6693318 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 280.3 | Lg | 09:05:43.889 | -1.0 | | | | | T__ | | | | --- | | 6693324 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.34 | 116.4 | Pg | 09:05:46.213 | 1.9 | | | | | T__ | | 48.9 | | ___ | ML | 0.9 | 6693325 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.34 | 116.4 | Lg | 09:05:49.731 | -0.6 | | | | | T__ | | | | --- | | 6693319 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.37 | 208.4 | Lg | 09:05:49.654 | -1.7 | | | | | T__ | | | | --- | | 6693320 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.80 | 228.8 | Lg | 09:06:05.846 | -0.4 | | | | | T__ | | | | --- | | 6693321 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/07/01 | 09:40:01.82 | 0.92 | 0.75 | 48.6337 | 19.6045 | 4.7 | 3.7 | 176 | 3.9 | 14.5 | 16 | 8 | 134 | 0.53 | 1.14 | ke | BUD | 17001572 | BUD | | | | 209 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 8 BUD | 17001572 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.53 | 255.0 | Pg | 09:40:12.773 | 0.2 | | | | | T__ | | 38.1 | | _c_ | ML | 1.4 | 6693369 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.53 | 255.0 | Lg | 09:40:19.567 | -0.8 | | | | | T__ | | | | --- | | 6693370 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.4 magdef=1
KECS 0.60 104.1 Pg 09:40:14.472 0.6 T__ 178.5 ___ ML 2.1 6693364 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.60 104.1 Lg 09:40:22.082 -0.8 T__ ___ 6693363 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 0.64 102.2 Pg 09:40:14.625 0.2 T__ 87.7 ___ ML 1.8 6693362 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.64 102.2 Lg 09:40:23.117 -0.8 T__ ___ 6693371 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU03A 0.73 180.3 Pg 09:40:17.472 0.6 T__ 182.8 ___ ML 2.2 6693373 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.73 180.3 Lg 09:40:27.841 0.2 T__ ___ 6693372 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
PSZ 0.74 164.8 Pg 09:40:17.587 0.1 T__ 138.0 ___ ML 2.1 6693368 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.74 164.8 Lg 09:40:28.059 -0.5 T__ ___ 6693367 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU02A 0.80 129.5 Pg 09:40:18.315 0.1 T__ 73.9 ___ ML 1.8 6693374 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.80 129.5 Lg 09:40:29.450 -0.7 T__ ___ 6693375 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.91 30.0 Pg 09:40:19.465 0.5 T__ 17.7 ___ ML 1.3 6693376 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.91 30.0 Lg 09:40:31.468 -0.5 T__ ___ 6693377 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
ABAH 1.14 106.6 Pn 09:40:24.994 1.6 T__ 47.5 ___ ML 1.8 6693365 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.14 106.6 Lg 09:40:40.113 -0.5 T__ ___ 6693366 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/01 16:05:36.23 1.04 0.60 47.5888 16.3567 5.5 4.1 142 0.0f 8 4 181 0.12 0.48 sx BUD 17001576 BUD 260

```

```

Magnitude Err Nsta Author OrigID
ML 0.8 0.2 4 BUD 17001576

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 339.8 Pg 16:05:38.762 -0.2 T__ 176.6 _c_ ML 0.9 6693597 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 339.8 Lg 16:05:40.411 -0.6 T__ ___ 6693598 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
SOP 0.17 55.2 Pg 16:05:39.836 -0.1 T__ 71.6 _c_ ML 0.6 6693600 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.17 55.2 Lg 16:05:42.828 0.2 T__ ___ 6693599 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
A011B 0.32 236.4 Pg 16:05:42.329 -0.4 T__ 30.7 ___ ML 0.7 6693603 FDSN Z3 00 BUD iLoc HHZ HHZ _
A011B 0.32 236.4 Lg 16:05:47.432 0.5 T__ ___ 6693604 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CONA 0.48 315.7 Pg 16:05:45.820 0.0 T__ 26.9 ___ ML 1.1 6693601 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.48 315.7 Lg 16:05:53.186 1.0 T__ ___ 6693602 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1

```

(Station ML: 1.1 magdef=1)

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/01 | 17:31:28.69 | 0.89 | 0.42 | 47.8222 | 16.2259 | 3.4 | 2.7 | 19 | 8.9 | 11.0 | 27 | 18 | 38 | 0.13 | 1.37 | ke | BUD | 17001578 | BUD | | | 64 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 9 BUD | 17001578 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.13 | 158.8 | Pg | 17:31:32.000 | -0.0 | | | | | T__ | | 970.9 | | ___ | ML | 1.7 | 6693658 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.13 | 158.8 | Lg | 17:31:34.209 | -0.2 | | | | | T__ | | | | --- | | 6693657 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.26 | 121.7 | Pg | 17:31:34.551 | 0.3 | | | | | T__ | | 291.2 | | ___ | ML | 1.5 | 6693681 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.26 | 121.7 | Lg | 17:31:38.002 | -0.2 | | | | | T__ | | | | --- | | 6693659 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 293.5 | Pg | 17:31:34.222 | -0.2 | | | | | T__ | | 156.5 | | ___ | ML | 1.2 | 6693655 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 293.5 | Lg | 17:31:38.461 | 0.1 | | | | | T__ | | | | --- | | 6693656 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.45 | 203.7 | Pg | 17:31:37.527 | -0.2 | | | | | T__ | | 68.1 | | ___ | ML | 1.4 | 6693661 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.55 | 358.6 | Lg | 17:31:48.115 | 0.8 | | | | | T__ | | | | --- | | 6693660 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A003A | 0.56 | 96.2 | Pg | 17:31:40.503 | 0.4 | | | | | T__ | | 742.8 | | ___ | ML | 2.7 | 6693662 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A003A | 0.56 | 96.2 | Lg | 17:31:48.790 | 0.6 | | | | | T__ | | | | --- | | 6693663 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.60 | 294.0 | Lg | 17:31:49.020 | 0.7 | | | | | T__ | | | | --- | | 6693664 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| A260A | 0.63 | 148.7 | Lg | 17:31:49.888 | 0.1 | | | | | T__ | | | | --- | | 6693665 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| A008A | 0.67 | 325.1 | Pg | 17:31:41.792 | 0.2 | | | | | T__ | | 243.2 | | ___ | ML | 2.3 | 6693667 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.67 | 325.1 | Lg | 17:31:50.731 | -0.0 | | | | | T__ | | | | --- | | 6693666 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.70 | 57.2 | Lg | 17:31:52.544 | -0.5 | | | | | T__ | | | | --- | | 6693668 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| ARSA | 0.74 | 220.0 | Pg | 17:31:42.763 | -0.4 | | | | | T__ | | 76.1 | | ___ | ML | 1.8 | 6693670 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.74 | 220.0 | Lg | 17:31:52.646 | 0.0 | | | | | T__ | | | | --- | | 6693669 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.78 | 264.6 | Lg | 17:31:54.026 | 0.3 | | | | | T__ | | | | --- | | 6693671 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A019A | 0.86 | 244.4 | Lg | 17:31:56.477 | -0.1 | | | | | T__ | | | | --- | | 6693672 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| MODS | 0.90 | 51.6 | Pg | 17:31:46.211 | -0.4 | | | | | T__ | | | | --- | | 6693674 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.90 | 51.6 | Lg | 17:31:59.057 | -1.0 | | | | | T__ | | | | --- | | 6693673 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| A001A | 0.94 | 14.9 | Pg | 17:31:47.232 | 0.1 | | | | | T__ | | 46.3 | | ___ | ML | 1.7 | 6693675 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 0.94 | 14.9 | Lg | 17:32:00.666 | -0.3 | | | | | T__ | | | | --- | | 6693676 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 1.21 | 108.2 | Sn | 17:32:08.149 | 0.4 | | | | | T__ | | | | --- | | 6693677 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.25 | 5.1 | Pn | 17:31:51.650 | -0.0 | | | | | T__ | | 31.9 | | ___ | ML | 1.7 | 6693679 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.25 | 5.1 | Sn | 17:32:08.506 | -0.1 | | | | | T__ | | | | --- | | 6693678 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 1.7 magdef=1
 KOGS 1.37 179.3 Sn 17:32:11.622 0.3 T__ --- 6693680 FDSN SL -- BUD iLoc BHE ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/01 | 19:29:35.53 | 1.16 | 0.68 | 48.6327 | 19.6108 | 8.5 | 3.7 | 0 | 0.0f | 10 | 6 | 206 | 0.53 | 0.80 | ke | BUD | 17001580 | BUD | | | | 281 |

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 5 BUD 17001580

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| VYHS | 0.53 | 255.2 | Pg | 19:29:46.770 | 0.4 | | | | | T__ | | 14.7 | | --- | ML | 0.9 6693830 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| VYHS | 0.53 | 255.2 | Lg | 19:29:53.564 | -0.8 | | | | | T__ | | | | --- | | 6693829 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.60 | 104.1 | Pg | 19:29:48.219 | 0.7 | | | | | T__ | | 64.8 | | --- | ML | 1.6 6693831 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | | |
| KECS | 0.60 | 104.1 | Lg | 19:29:56.032 | -0.6 | | | | | T__ | | | | --- | | 6693825 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.63 | 102.2 | Pg | 19:29:48.677 | 0.6 | | | | | T__ | | 26.4 | | --- | ML | 1.3 6693824 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| JOS | 0.63 | 102.2 | Lg | 19:29:56.594 | -1.1 | | | | | T__ | | | | --- | | 6693823 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.73 | 180.6 | Lg | 19:30:01.404 | -0.2 | | | | | T__ | | | | --- | | 6693828 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| PSZ | 0.74 | 165.1 | Pg | 19:29:51.679 | 0.5 | | | | | T__ | | 42.6 | | --- | ML | 1.5 6693832 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| PSZ | 0.74 | 165.1 | Lg | 19:30:02.213 | -0.3 | | | | | T__ | | | | --- | | 6693826 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.80 | 129.6 | Pg | 19:29:51.878 | -0.1 | | | | | T__ | | 24.6 | | --- | ML | 1.3 6693827 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/02 | 04:20:47.42 | 2.25 | 1.63 | 48.9953 | 20.8425 | 24.1 | 18.1 | 25 | 10.0f | 16 | 14 | 130 | 1.25 | 3.97 | ke | BUD | 17001582 | BUD | | | | 218 |

Magnitude Err Nsta Author OrigID
 ML 2.8 0.2 13 BUD 17001582

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| PSZ | 1.25 | 210.7 | Pn | 04:21:09.507 | -0.8 | | | | | T__ | | 42.5 | | --- | ML | 1.8 6694407 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| PSZ | 1.25 | 210.7 | Sn | 04:21:26.784 | -1.5 | | | | | T__ | | | | --- | | 6694414 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KWP | 1.38 | 61.7 | Pn | 04:21:13.644 | 1.1 | | | | | T__ | | 116.6 | | --- | ML | 2.3 6694406 | FDSN | PL | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORC | 2.29 | 291.2 | Pn | 04:21:24.420 | -0.6 | | | | | T__ | | 69.9 | | --- | ML | 2.6 6694396 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| (Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 2.38 | 227.6 | Pn | 04:21:27.216 | 1.4 | | | | | T__ | | 101.3 | | --- | ML | 2.8 6694408 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| (Reading ML: 2.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 2.8 magdef=1
MODS 2.44 256.6 Pg 04:21:36.930 1.8 T__ --- 6694401 FDSN SK -- BUD iLoc HHZ ??? _
DRGR 2.54 149.6 Pn 04:21:27.216 -1.1 T__ --- 6694409 FDSN RO -- BUD iLoc BHZ ??? _
SIRR 2.78 168.2 Pn 04:21:32.182 0.7 T__ 20.9 --- ML 2.4 6694411 FDSN RO -- BUD iLoc BHZ BHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
VRAC 2.81 278.0 Pg 04:21:40.348 0.0 T__ --- 6694403 FDSN CZ -- BUD iLoc HHZ ??? _
MPLH 2.87 231.7 Pn 04:21:33.175 0.5 T__ 58.3 --- ML 2.9 6694410 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 2.87 231.7 Sn 04:22:06.673 -0.9 T__ --- 6694415 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
KRUC 2.93 273.0 Pn 04:21:30.778 -3.1 T__ 43.6 --- ML 2.8 6694397 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
MORH 3.15 209.0 Pn 04:21:36.485 0.2 T__ 23.6 --- ML 2.6 6694412 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
RONA 3.30 248.6 Pn 04:21:37.618 -1.3 T__ 33.3 --- ML 2.9 6694402 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
KOVH 3.45 213.6 Pn 04:21:39.299 -1.2 T__ 44.6 --- ML 3.1 6694413 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=1
CONA 3.48 254.0 Pn 04:21:36.318 -5.4 --- 35.8 --- ML 3.0 6694400 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
GZR 3.84 159.2 Pn 04:21:34.969 -11.7 --- 6694399 FDSN RO -- BUD iLoc BHZ ??? _
ARSA 3.97 245.9 Pn 04:21:45.118 -3.1 T__ 35.5 --- ML 3.1 6694404 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=0
PRU 4.23 286.0 Pn 04:21:32.928 -19.3 --- 6694398 FDSN CZ -- BUD iLoc HHZ ??? _
PTJ 4.53 228.8 Pn 04:21:45.420 -10.6 --- 66.8 --- ML 3.6 6694405 FDSN CR -- BUD iLoc BHZ BHZ _
(Reading ML: 3.6 magdef=1
(Station ML: 3.6 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/02 08:00:06.44 1.72 0.55 48.5514 20.7915 12.4 4.7 10 0.0f 8 5 238 0.18 0.87 sx BUD 17001584 BUD 310

```

```

Magnitude Err Nsta Author OrigID
ML 1.0 0.3 4 BUD 17001584

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.18 251.7 Pg 08:00:10.104 -0.1 T__ 85.3 --- ML 0.7 6694453 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 251.7 Lg 08:00:13.961 0.8 T__ --- 6694454 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
KECS 0.21 251.6 Pg 08:00:10.487 -0.5 T__ 215.2 --- ML 1.2 6694458 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 251.6 Lg 08:00:14.803 0.4 T__ --- 6694457 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ABAH 0.39 130.4 Pg 08:00:14.445 -0.1 T__ 47.9 --- ML 1.1 6694459 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.1 magdef=1

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(Station ML: 1.1 magdef=1
HU02A 0.46 202.6 Pg 08:00:15.978 -0.3 T__ 18.0 ___ ML 0.8 6694460 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 202.6 Lg 08:00:24.332 0.5 T__ ___ 6694455 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
PSZ 0.87 223.8 Lg 08:00:37.561 -0.4 T__ ___ 6694456 FDSN GE -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/02 08:05:51.31 0.92 0.83 47.8590 19.8609 4.7 3.2 16 0.0f 16 9 139 0.06 1.02 sx BUD 17001586 BUD 204

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 9 BUD 17001586

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.06 20.8 Pg 08:05:54.230 0.8 T__ 3446.0 _c ML 2.0 6694500 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.06 20.8 Lg 08:05:55.124 -0.3 T__ ___ 6694501 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU03A 0.18 284.4 Pg 08:05:56.320 0.8 T__ 1291.2 ___ ML 1.9 6694506 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.18 284.4 Lg 08:05:58.133 -0.7 T__ ___ 6694514 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU23A 0.34 129.9 Pg 08:05:59.461 0.5 T__ 449.9 ___ ML 1.9 6694515 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.34 129.9 Lg 08:06:04.540 -0.1 T__ ___ 6694513 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 0.52 59.2 Pg 08:06:02.429 0.1 T__ 113.6 ___ ML 1.8 6694502 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.52 59.2 Lg 08:06:08.990 -1.8 T__ ___ 6694508 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.57 268.9 Pg 08:06:03.372 0.2 T__ 192.4 ___ ML 2.1 6694509 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KECS 0.75 33.6 Pg 08:06:07.153 0.8 T__ 183.3 ___ ML 2.2 6694503 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.75 33.6 Lg 08:06:18.337 0.5 T__ ___ 6694510 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
JOS 0.78 35.2 Pg 08:06:07.868 0.9 T__ 94.8 ___ ML 1.9 6694504 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.78 35.2 Lg 08:06:18.389 -0.4 T__ ___ 6694511 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS 0.94 313.2 Pg 08:06:09.299 -1.0 T__ 20.4 ___ ML 1.3 6694505 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.94 313.2 Lg 08:06:23.672 -0.3 T__ ___ 6694507 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
ABAH 1.02 64.2 Pg 08:06:10.829 -0.7 T__ 111.2 ___ ML 2.1 6694512 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

```

2021/07/02 08:52:19.47 0.98 0.78 48.4941 19.3231 9.2 3.4 8 0.0f 10 5 179 0.32 0.88 sx BUD 17001588 BUD 303

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 5 BUD 17001588

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| VYHS | 0.32 | 270.2 | Pg | 08:52:26.619 | 0.4 | | | | | T__ | | 81.8 | | --- | ML | 1.1 6694563 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.32 | 270.2 | Lg | 08:52:30.390 | -0.8 | | | | | T__ | | | | --- | | 6694564 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.69 | 146.2 | Pg | 08:52:34.491 | 0.3 | | | | | T__ | | 42.7 | | --- | ML | 1.5 6694565 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.69 | 146.2 | Lg | 08:52:45.072 | 0.3 | | | | | T__ | | | | --- | | 6694558 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.77 | 90.4 | Pg | 08:52:35.351 | 0.5 | | | | | T__ | | 127.5 | | --- | ML | 2.0 6694566 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.77 | 90.4 | Lg | 08:52:46.297 | -0.2 | | | | | T__ | | | | --- | | 6694559 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.81 | 89.4 | Pg | 08:52:36.061 | 0.5 | | | | | T__ | | 58.6 | | _c | ML | 1.7 6694561 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.81 | 89.4 | Lg | 08:52:47.128 | -0.5 | | | | | T__ | | | | --- | | 6694560 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.88 | 114.4 | Pg | 08:52:37.875 | 0.2 | | | | | T__ | | 53.1 | | --- | ML | 1.7 6694557 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.88 | 114.4 | Lg | 08:52:49.794 | -1.5 | | | | | T__ | | | | --- | | 6694562 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 1.06 | 143.7 | Pg | 08:52:48.955 | 7.3 | | | | | --- | | | | --- | | 6694556 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/02 10:47:25.05 1.03 0.88 48.5378 20.4086 5.7 4.6 177 0.0f 14 9 120 0.07 1.31 sx BUD 17001590 BUD 207

Magnitude Err Nsta Author OrigID
ML 1.0 0.2 6 BUD 17001590

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| KECS | 0.07 | 136.8 | Pg | 10:47:27.570 | 0.7 | | | | | T__ | | 301.4 | | --- | ML | 1.0 6694685 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.07 | 136.8 | Lg | 10:47:28.604 | 0.3 | | | | | T__ | | | | --- | | 6694686 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.10 | 115.7 | Pg | 10:47:26.658 | -0.6 | | | | | T__ | | 104.2 | | --- | ML | 0.6 6694682 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.10 | 115.7 | Lg | 10:47:28.787 | -0.2 | | | | | T__ | | | | --- | | 6694687 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.42 | 169.4 | Pg | 10:47:34.722 | 0.6 | | | | | T__ | | 20.2 | | --- | ML | 0.8 6694688 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.42 | 169.4 | Lg | 10:47:39.951 | -1.1 | | | | | T__ | | | | --- | | 6694689 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.71 | 209.2 | Pg | 10:47:40.058 | -0.1 | | | | | T__ | | 30.1 | | --- | ML | 1.4 6694690 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.71 | 209.2 | Lg | 10:47:50.274 | -0.7 | | | | | T__ | | | | --- | | 6694684 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.83 | 220.8 | Lg | 10:47:54.528 | -0.2 | | | | | T__ | | | | --- | | 6694692 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|-------|--|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| NIE | 0.88 | 355.4 | Lg | 10:47:53.666 | -0.7 | T__ | | | | | | | | 6694691 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU23A | 0.91 | 186.8 | Lg | 10:47:56.270 | -1.3 | T__ | | | | | | | | 6694693 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.05 | 268.2 | Pn | 10:47:47.423 | 1.4 | T__ | | | | 9.5 | | | ML | 1.1 | 6694683 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.05 | 268.2 | Lg | 10:48:01.288 | 0.0 | T__ | | | | | | | | 6694694 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| HU01A | 1.31 | 204.2 | Pn | 10:47:50.638 | 1.2 | T__ | | | | 359.5 | | | ML | 2.8 | 6694695 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/07/02 | 11:11:53.39 | 4.85 | 0.27 | 46.8564 | 22.3550 | 50.4 | 11.1 | 161 | 0.0f | | 4 | 3 | 245 | 0.25 | 1.34 | sx | BUD | 17001594 | BUD | | | 343 |

Magnitude Err Nsta Author OrigID

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| DRGR | 0.25 | 104.7 | Pg | 11:11:58.749 | -0.0 | | | | | T__ | | 70.2 | | | ML | 0.8 | 6694785 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.25 | 104.7 | Lg | 11:12:03.199 | 0.0 | | | | | T__ | | | | | | 6694786 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.76 | 219.4 | Lg | 11:12:20.501 | 0.0 | | | | | T__ | | | | | | 6694787 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| BZS | 1.34 | 202.7 | Sn | 11:12:37.381 | -0.3 | | | | | T__ | | | | | | 6694788 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/07/02 | 15:08:26.56 | 1.00 | 0.37 | 47.5883 | 16.3640 | 5.5 | 3.7 | 137 | 0.0f | | 10 | 6 | 182 | 0.12 | 0.80 | sx | BUD | 17001596 | BUD | | | 259 |

Magnitude Err Nsta Author OrigID
ML 1.0 0.2 5 BUD 17001596

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| RONA | 0.12 | 337.7 | Pg | 15:08:29.346 | 0.0 | | | | | T__ | | 215.8 | | | _c ML | 1.0 | 6694871 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 337.7 | Lg | 15:08:30.867 | -0.6 | | | | | T__ | | | | | | 6694872 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.16 | 54.1 | Pg | 15:08:30.289 | 0.1 | | | | | T__ | | 81.6 | | | ML | 0.7 | 6694873 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.16 | 54.1 | Lg | 15:08:32.721 | -0.1 | | | | | T__ | | | | | | 6694874 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.33 | 237.0 | Pg | 15:08:33.240 | 0.1 | | | | | T__ | | 39.2 | | | ML | 0.8 | 6694876 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.33 | 237.0 | Lg | 15:08:36.889 | -0.5 | | | | | T__ | | | | | | 6694875 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.48 | 315.3 | Pg | 15:08:36.613 | 0.4 | | | | | T__ | | 34.8 | | | ML | 1.2 | 6694870 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.66 | 239.7 | Pg | 15:08:39.538 | 0.1 | | | | | T__ | | 32.8 | | | ML | 1.4 | 6694877 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.66 | 239.7 | Lg | 15:08:47.747 | -0.0 | | | | | T__ | | | | | | 6694878 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.80 | 306.7 | Lg | 15:08:52.798 | 0.4 | | | | | T__ | | | | | | 6694879 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/04 | 22:58:29.60 | 1.49 | 0.63 | 47.8573 | 20.5092 | 7.8 | 3.8 | 122 | 18.1 | 13.6 | 9 | 6 | 170 | 0.27 | 0.66 | ke | BUD | 17001598 | BUD | | | 226 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.3 | 4 BUD | 17001598 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.27 | 2.3 | Pg | 22:58:36.097 | -0.1 | | | | | T__ | | 23.9 | | ___ | ML | 0.4 | 6701014 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.27 | 2.3 | Lg | 22:58:40.883 | -0.1 | | | | | T__ | | | | --- | | 6701015 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 0.4 magdef=1) | | | | | | | | (Station ML: 0.4 magdef=1) | | | | | | | | | | | | | |
| HU23A | 0.28 | 218.8 | Pg | 22:58:36.118 | -0.3 | | | | | T__ | | 87.9 | | ___ | ML | 1.0 | 6701016 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU23A | 0.28 | 218.8 | Lg | 22:58:41.732 | 0.6 | | | | | T__ | | | | --- | | 6701013 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | |
| PSZ | 0.42 | 278.6 | Pg | 22:58:38.781 | -0.4 | | | | | T__ | | 33.0 | | ___ | ML | 1.0 | 6701018 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.42 | 278.6 | Lg | 22:58:46.654 | 0.7 | | | | | T__ | | | | --- | | 6701017 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | |
| HU03A | 0.61 | 274.7 | Sn | 22:58:52.924 | 0.9 | | | | | T__ | | | | --- | | 6701012 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| JOS | 0.64 | 1.8 | Lg | 22:58:51.478 | -0.2 | | | | | T__ | | | | --- | | 6701020 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| ABAH | 0.66 | 47.9 | Pg | 22:58:42.756 | 0.0 | | | | | T__ | | 32.7 | | ___ | ML | 1.4 | 6701019 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/05 | 06:57:17.45 | 0.86 | 1.05 | 47.9481 | 20.0702 | 3.9 | 2.7 | 156 | 0.0f | | 18 | 10 | 92 | 0.12 | 0.99 | sx | BUD | 17001602 | BUD | | | 141 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 8 BUD | 17001602 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.12 | 256.0 | Pg | 06:57:21.286 | 0.6 | | | | | T__ | | 1511.7 | | ___ | ML | 1.8 | 6701373 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.12 | 256.0 | Lg | 06:57:22.796 | -0.7 | | | | | T__ | | | | --- | | 6701379 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | |
| HU03A | 0.32 | 262.2 | Pg | 06:57:24.984 | 0.6 | | | | | T__ | | 209.9 | | ___ | ML | 1.5 | 6701380 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.32 | 262.2 | Lg | 06:57:29.903 | 0.3 | | | | | T__ | | | | --- | | 6701374 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | |
| HU23A | 0.33 | 158.6 | Pg | 06:57:25.391 | 0.5 | | | | | T__ | | 606.3 | | ___ | ML | 2.0 | 6701376 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU23A | 0.33 | 158.6 | Lg | 06:57:30.411 | 0.0 | | | | | T__ | | | | --- | | 6701375 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | |
| HU02A | 0.35 | 60.1 | Pg | 06:57:25.527 | 0.4 | | | | | T__ | | 176.6 | | ___ | ML | 1.5 | 6701381 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.35 | 60.1 | Lg | 06:57:30.140 | -1.0 | | | | | T__ | | | | --- | | 6701382 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | |
| KECS | 0.60 | 27.3 | Pg | 06:57:30.683 | 1.1 | | | | | T__ | | 160.5 | | ___ | ML | 2.0 | 6701377 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |

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KECS  0.60 27.3 Lg      06:57:37.919 -0.9      T__          ---          6701383  FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS   0.63 29.6 Pg      06:57:31.271  1.1      T__          84.9      --- ML      1.8 6701378  FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.63 29.6 Lg      06:57:38.823 -1.0      T__          ---          6701384  FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU01A 0.68 206.9 Lg      06:57:41.356 -1.1      T__          ---          6701385  FDSN ZJ      00 BUD  iLoc  HHN ??? _
HU10A 0.72 262.1 Lg      06:57:41.989 -1.7      T__          ---          6701386  FDSN ZJ      00 BUD  iLoc  HHN ??? _
ABAH  0.86 65.6 Pg      06:57:35.386  0.9      T__          86.6      --- ML      1.9 6701388  FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH  0.86 65.6 Lg      06:57:46.783 -1.5      T__          ---          6701387  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS  0.99 304.0 Pg      06:57:38.552  1.1      T__          15.4      --- ML      1.2 6701389  FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS  0.99 304.0 Lg      06:57:50.763 -1.1      T__          ---          6701390  FDSN SK      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0

```

```

Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/07/05 07:50:49.52  2.62  0.38 48.0917  20.6265 17.8  5.9 125  0.0f      7  4 258  0.07  0.52  kx BUD      17001604    BUD          302
2021/07/05 07:50:48.57  0.99  0.63 48.0750  20.6990f  0.0f      7  4 268  0.13  0.56  kx BUD_GT   17001605    BUD_GT       306
(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author      OrigID
ML      1.3 0.1  4 BUD_GT      17001605

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh  L
HU02A 0.13 292.1 Pg      07:50:51.994  0.3      T__          453.7      --- ML      1.3 6701427  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 0.13 292.1 Lg      07:50:53.346 -1.1      T__          ---          6701428  FDSN ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS  0.43 340.8 Pg      07:50:58.076  0.7      T__          76.0      --- ML      1.4 6701430  FDSN SK      -- BUD  iLoc  EHN EHZ _
KECS  0.43 340.8 Lg      07:51:03.710 -0.4      T__          ---          6701426  FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS   0.43 345.9 Pg      07:50:57.907  0.5      T__          34.8      --- ML      1.0 6701429  FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.43 345.9 Lg      07:51:03.874 -0.3      T__          ---          6701425  FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ   0.56 254.1 Pg      07:51:00.779  0.0      T__          34.3      --- ML      1.3 6701431  FDSN GE      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/07/05 07:56:14.63  3.61  0.95 46.9147  22.7593 32.0 20.0 90  0.0f      8  6 190  0.13  1.72  sx BUD      17001606    BUD          284

```

```

Magnitude Err Nsta Author      OrigID

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh  L

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| DRGR | 0.13 | 195.0 | Pg | 07:56:17.591 | 0.0 | T__ | 163.7 | --- | ML | 0.9 | 6701484 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.13 | 195.0 | Lg | 07:56:20.100 | 0.0 | T__ | | --- | | | 6701485 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SIRR | 1.00 | 229.9 | Lg | 07:56:48.746 | -0.3 | T__ | | --- | | | 6701491 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ |
| BZS | 1.52 | 211.8 | Pn | 07:56:42.716 | 0.5 | T__ | 27.9 | --- | ML | 1.8 | 6701488 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.52 | 211.8 | Sn | 07:57:02.939 | -0.4 | T__ | | --- | | | 6701487 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| GZR | 1.52 | 179.5 | Sn | 07:57:03.093 | -0.8 | T__ | | --- | | | 6701486 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| LOT | 1.63 | 154.1 | Sn | 07:57:05.216 | -1.8 | T__ | | --- | | | 6701489 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| ABAH | 1.72 | 323.9 | Sn | 07:57:07.840 | -0.4 | T__ | | --- | | | 6701490 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/05 | 12:35:30.00 | 3.30 | 0.90 | 46.8156 | 22.8043 | 34.7 | 14.8 | 179 | 0.0f | | 10 | 6 | 195 | 0.07 | 2.27 | sx | BUD | 17001610 | BUD | | | 264 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.3 | 5 BUD | 17001610 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.07 | 249.5 | Pg | 12:35:31.778 | -0.0 | | | | | T__ | | 213.8 | | --- | ML | 0.8 | 6701587 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.07 | 249.5 | Lg | 12:35:33.471 | 0.0 | | | | | T__ | | | | --- | | 6701586 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.96 | 235.7 | Pn | 12:35:49.819 | 0.1 | | | | | T__ | | 21.2 | | --- | ML | 1.4 | 6701588 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.42 | 180.8 | Pn | 12:35:56.179 | -0.4 | | | | | T__ | | 47.4 | | --- | ML | 2.0 | 6701582 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.42 | 180.8 | Sn | 12:36:17.687 | 0.8 | | | | | T__ | | | | --- | | 6701589 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.46 | 214.9 | Pn | 12:35:55.861 | -0.8 | | | | | T__ | | 25.1 | | --- | ML | 1.7 | 6701585 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.46 | 214.9 | Sn | 12:36:18.739 | 1.7 | | | | | T__ | | | | --- | | 6701590 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.52 | 153.5 | Pn | 12:35:58.968 | 0.7 | | | | | T__ | | 37.7 | | --- | ML | 1.9 | 6701591 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.52 | 153.5 | Sn | 12:36:19.180 | -0.7 | | | | | T__ | | | | --- | | 6701583 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 2.27 | 318.5 | Sn | 12:36:37.242 | 0.6 | | | | | T__ | | | | --- | | 6701584 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/05 | 16:55:48.24 | 1.27 | 1.11 | 47.5795 | 16.4132 | 9.0 | 4.3 | 148 | 0.0f | | 13 | 9 | 197 | 0.14 | 1.48 | sx | BUD | 17001612 | BUD | | | 218 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.3 | 6 BUD | 17001612 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-----|------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SOP | 0.14 | 43.3 | Pg | 16:55:52.195 | 0.7 | | | | | T__ | | 78.1 | | --- | ML | 0.6 | 6701667 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.14 | 43.3 | Lg | 16:55:54.425 | 0.5 | | | | | T__ | | | | --- | | 6701666 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
RONA 0.14 326.7 Pg 16:55:51.236 -0.2 T__ 245.3 _c_ ML 1.1 6701664 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.14 326.7 Lg 16:55:52.770 -1.1 T__ --- 6701665 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A011B 0.35 241.1 Pg 16:55:54.976 -0.3 T__ 32.9 --- ML 0.8 6701668 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CONA 0.51 313.4 Lg 16:56:04.398 -0.9 T__ --- 6701669 FDSN OE -- BUD iLoc HHN ??? _
A013A 0.83 305.9 Lg 16:56:15.650 0.5 T__ --- 6701660 FDSN Z3 00 BUD iLoc HHN ??? _
A019A 0.91 262.0 Pg 16:56:05.093 -0.9 T__ 23.8 --- ML 1.4 6701670 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A018A 0.92 280.8 Pg 16:56:07.476 1.4 T__ 26.7 --- ML 1.4 6701663 FDSN Z3 00 BUD iLoc HHN HHZ _
A018A 0.92 280.8 Lg 16:56:19.672 2.1 T__ --- 6701662 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MODS 0.98 35.8 Lg 16:56:22.402 -1.0 T__ --- 6701671 FDSN SK -- BUD iLoc HHE ??? _
KRUC 1.48 359.5 Pn 16:56:15.354 -0.3 T__ 40.1 --- ML 1.9 6701672 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.48 359.5 Sn 16:56:34.946 -0.8 T__ --- 6701661 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/06 07:09:05.24 2.20 0.97 47.9497 20.3999 20.0 4.3 142 0.0f 8 4 239 0.19 0.55 kx BUD 17001614 BUD 340
2021/07/06 07:09:05.70 0.96 0.74 47.9767 20.3679f 0.0f 8 4 223 0.18 0.53 kx BUD_GT 17001615 BUD_GT 332
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.2 4 BUD_GT 17001615

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.18 35.8 Pg 07:09:09.945 -0.0 T__ 217.0 _c_ ML 1.1 6702330 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.18 35.8 Lg 07:09:12.553 -1.0 T__ --- 6702331 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.32 259.8 Pg 07:09:13.466 0.4 T__ 44.2 --- ML 0.8 6702328 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.32 259.8 Lg 07:09:17.516 -1.1 T__ --- 6702329 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
KECS 0.51 8.8 Pg 07:09:17.111 1.0 T__ 124.0 --- ML 1.8 6702333 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.51 8.8 Lg 07:09:24.034 -0.0 T__ --- 6702334 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 0.53 12.4 Pg 07:09:17.038 0.6 T__ 24.2 --- ML 1.2 6702332 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 12.4 Lg 07:09:24.339 -0.3 T__ --- 6702335 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/06 | 07:47:56.77 | 1.04 | 0.91 | 47.2380 | 18.2598 | 7.0 | 4.2 | 70 | 0.0f | 15 | 11 | 124 | 0.07 | 1.32 | sx | BUD | 17001616 | BUD | | | | 144 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.0 | 4 BUD | 17001616 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.07 | 332.6 | Pg | 07:47:59.563 | 0.7 | | | | | T__ | | 1125.9 | | ___ | ML | 1.6 | 6702432 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.07 | 332.6 | Lg | 07:48:00.272 | -0.8 | | | | | T__ | | | | --- | | 6702433 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 0.2 | Pg | 07:48:00.628 | 0.7 | | | | | T__ | | 510.5 | | ___ | ML | 1.4 | 6702423 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 0.2 | Lg | 07:48:02.022 | -0.9 | | | | | T__ | | | | --- | | 6702426 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.15 | 359.8 | Pg | 07:48:01.359 | 0.9 | | | | | T__ | | 452.5 | | ___ | ML | 1.4 | 6702435 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.15 | 359.8 | Lg | 07:48:03.368 | -0.6 | | | | | T__ | | | | --- | | 6702434 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.17 | 328.0 | Pg | 07:48:01.548 | 0.8 | | | | | T__ | | 419.0 | | ___ | ML | 1.4 | 6702436 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.17 | 328.0 | Lg | 07:48:03.841 | -0.5 | | | | | T__ | | | | --- | | 6702437 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.30 | 310.4 | Lg | 07:48:07.621 | -1.1 | | | | | T__ | | | | --- | | 6702424 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| A267A | 0.33 | 152.4 | Lg | 07:48:08.666 | -1.0 | | | | | T__ | | | | --- | | 6702427 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU09A | 0.41 | 11.7 | Lg | 07:48:11.451 | -1.2 | | | | | T__ | | | | --- | | 6702428 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.06 | 165.4 | Lg | 07:48:32.895 | -0.3 | | | | | T__ | | | | --- | | 6702429 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.16 | 185.5 | Sn | 07:48:35.876 | -0.5 | | | | | T__ | | | | --- | | 6702430 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.30 | 57.8 | Sn | 07:48:40.303 | -0.4 | | | | | T__ | | | | --- | | 6702431 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| VVHS | 1.32 | 16.9 | Sn | 07:48:39.972 | -1.2 | | | | | T__ | | | | --- | | 6702425 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/06 | 08:19:45.52 | 2.05 | 1.46 | 48.6073 | 20.7425 | 13.4 | 6.6 | 7 | 0.0f | 12 | 7 | 152 | 0.18 | 1.27 | sx | BUD | 17001618 | BUD | | | | 227 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.1 | 6 BUD | 17001618 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.18 | 230.5 | Pg | 08:19:49.172 | -0.1 | | | | | T__ | | 212.7 | | ___ | ML | 1.1 | 6702472 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.18 | 230.5 | Lg | 08:19:52.246 | 0.1 | | | | | T__ | | | | --- | | 6702476 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 234.1 | Pg | 08:19:49.814 | -0.1 | | | | | T__ | | 301.1 | | ___ | ML | 1.4 | 6702478 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.21 | 234.1 | Lg | 08:19:52.976 | -0.4 | | | | | T__ | | | | --- | | 6702477 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.45 | 133.1 | Lg | 08:20:01.003 | -1.6 | | | | | T__ | | | | --- | | 6702479 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| HU02A | 0.51 | 196.7 | Pg | 08:19:57.354 | 1.1 | | | | | T__ | | 28.6 | | ___ | ML | 1.2 | 6702481 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.51 | 196.7 | Lg | 08:20:03.922 | -0.4 | | | | | T__ | | | | --- | | 6702480 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.86 | 340.4 | Pn | 08:20:06.338 | 2.3 | | | | | T__ | | 15.3 | | ___ | ML | 1.2 | 6702475 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |


```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.89 219.7 Pg 08:20:05.138 0.8 T__ 38.3 ___ ML 1.6 6702483 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.89 219.7 Lg 08:20:16.692 -1.0 T__ ___ 6702482 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 1.27 265.6 Pn 08:20:10.152 0.5 T__ 12.7 ___ ML 1.3 6702474 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.27 265.6 Sn 08:20:26.084 -2.8 T__ ___ 6702473 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/06 | 09:44:34.75 | 1.58 | 0.70 | 46.0401 | 18.2971 | 12.2 | 4.5 | 170 | 0.0f | | 6 | 3 | 235 | 0.15 | 0.49 | sx | BUD | 17001620 | BUD | | | 303 |

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.2 3 BUD 17001620

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.15 289.4 Pg 09:44:38.581 0.2 T__ 238.0 ___ ML 1.1 6702515 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.15 289.4 Lg 09:44:40.770 -0.5 T__ ___ 6702516 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MORH 0.30 53.9 Pg 09:44:41.483 0.2 T__ 115.3 ___ ML 1.2 6702511 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.30 53.9 Lg 09:44:45.885 -0.5 T__ ___ 6702514 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A266A 0.49 357.4 Pg 09:44:45.501 0.5 T__ 258.2 ___ ML 2.1 6702513 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.49 357.4 Lg 09:44:51.942 -0.8 T__ ___ 6702512 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/06 | 09:46:27.82 | 0.91 | 0.75 | 48.3857 | 17.3186 | 5.9 | 2.9 | 146 | 0.0f | | 11 | 6 | 134 | 0.03 | 1.08 | sx | BUD | 17001622 | BUD | | | 191 |

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD 17001622

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.03 246.3 Pg 09:46:29.179 0.1 T__ 6702577 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.03 246.3 Lg 09:46:30.084 -0.4 T__ ___ 6702578 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.24 217.3 Lg 09:46:37.077 -0.3 T__ ___ 6702579 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.53 26.1 Pg 09:46:39.361 0.5 T__ 57.2 ___ ML 1.5 6702570 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.53 26.1 Lg 09:46:46.415 -1.0 T__ ___ 6702569 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KRUC 0.91 318.2 Pg 09:46:45.807 0.5 T__ 35.1 ___ ML 1.6 6702572 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.91 318.2 Lg 09:46:58.334 -0.5 T__ ___ 6702571 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 1.02 83.3 Pg 09:46:49.091 0.8 T__ 11.3 ___ ML 1.1 6702574 FDSN SK -- BUD iLoc HHZ HHZ _

```

VYHS 1.02 83.3 Lg 09:47:01.739 -1.3 T__ --- 6702573 FDSN SK -- BUD iLoc HHN ??? _
 (Reading ML: 1.1 magdef=1
 (Station ML: 1.1 magdef=1
 CONA 1.08 245.4 Pg 09:46:49.026 -0.0 T__ 40.2 --- ML 1.7 6702576 FDSN OE -- BUD iLoc HHZ HHZ _
 CONA 1.08 245.4 Lg 09:47:03.621 0.6 T__ --- 6702575 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/07/06 10:05:15.05 1.05 1.71 48.9973 21.2757 5.6 5.1 2 0.0f 11 7 151 0.66 1.42 sx BUD 17001624 BUD 238

Magnitude Err Nsta Author OrigID
 ML 1.6 0.0 5 BUD 17001624

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
 KOLS 0.66 95.2 Pg 10:05:28.003 0.3 T__ --- 6702640 FDSN SK -- BUD iLoc HHZ ??? _
 JOS 0.70 224.4 Pg 10:05:30.038 1.1 T__ 52.2 --- ML 1.6 6702634 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 0.70 224.4 Lg 10:05:37.243 -2.1 T__ --- 6702637 FDSN ZJ -- BUD iLoc HHE ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 ABAH 0.70 182.0 Pg 10:05:30.536 1.5 T__ 55.1 --- ML 1.6 6702636 FDSN HU -- BUD iLoc HHZ HHZ _
 ABAH 0.70 182.0 Lg 10:05:39.328 -1.2 T__ --- 6702635 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 KECS 0.73 225.8 Pg 10:05:30.451 0.8 T__ 130.9 --- ML 2.0 6702639 FDSN SK -- BUD iLoc EHZ EHZ _
 KECS 0.73 225.8 Lg 10:05:38.512 -2.0 T__ --- 6702638 FDSN SK -- BUD iLoc EHE ??? _
 (Reading ML: 2.0 magdef=1
 (Station ML: 2.0 magdef=0
 NIE 0.77 303.7 Pg 10:05:30.451 0.9 T__ 19.0 --- ML 1.2 6702641 FDSN PL -- BUD iLoc BHZ BHZ _
 NIE 0.77 303.7 Lg 10:05:39.606 -0.9 T__ --- 6702642 FDSN PL -- BUD iLoc BHN ??? _
 (Reading ML: 1.2 magdef=1
 (Station ML: 1.2 magdef=0
 HU02A 1.01 209.9 Pn 10:05:33.832 -1.7 T__ 27.4 --- ML 1.5 6702633 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 (Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1
 PSZ 1.42 220.9 Sn 10:06:00.001 -2.1 T__ --- 6702643 FDSN GE -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/07/06 10:23:59.06 1.03 0.66 46.0954 22.0562 6.1 5.2 86 0.0f 7 4 111 0.32 0.86 sx BUD 17001626 BUD 201

Magnitude Err Nsta Author OrigID
 ML 1.5 0.3 4 BUD 17001626

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
 SIRR 0.32 302.1 Pg 10:24:06.297 0.2 T__ 153.7 --- ML 1.4 6702674 FDSN RO -- BUD iLoc HHZ HHZ _
 (Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=1
 BZS 0.57 212.8 Pg 10:24:10.573 0.3 T__ 27.0 --- ML 1.2 6702678 FDSN RO -- BUD iLoc HHZ HHZ _
 BZS 0.57 212.8 Lg 10:24:17.851 -0.7 T__ --- 6702677 FDSN RO -- BUD iLoc HHN ??? _
 (Reading ML: 1.2 magdef=1

```

(Station ML: 1.2 magdef=1
DRGR 0.83 32.8 Pg 10:24:15.905 0.2 T__ 43.2 _d ML 1.6 6702672 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.83 32.8 Lg 10:24:27.337 -1.0 T__ --- 6702673 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
GZR 0.86 144.0 Pg 10:24:15.905 0.3 T__ 57.8 --- ML 1.7 6702675 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.86 144.0 Lg 10:24:27.337 -0.4 T__ --- 6702676 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/06 | 10:46:28.21 | 1.04 | 1.09 | 47.3854 | 18.3220 | 6.7 | 2.9 | 125 | 0.0f | 18 | 12 | 106 | 0.04 | 1.31 | sx | BUD | 17001628 | BUD | | | | 152 |

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Magnitude Err Nsta Author OrigID
ML 1.6 0.2 6 BUD 17001628

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.04 | 280.0 | Pg | 10:46:30.492 | 0.7 | | | | | T__ | | 1701.3 | | --- | ML | 1.7 | 6702770 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.04 | 280.0 | Lg | 10:46:32.338 | 0.9 | | | | | T__ | | | | --- | | 6702771 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.05 | 242.0 | Pg | 10:46:30.486 | 0.6 | | | | | T__ | | 3795.1 | | --- | ML | 2.0 | 6702758 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.05 | 242.0 | Lg | 10:46:32.196 | 0.6 | | | | | T__ | | | | --- | | 6702772 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.11 | 222.3 | Pg | 10:46:31.628 | 0.5 | | | | | T__ | | 268.4 | | --- | ML | 1.0 | 6702773 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.11 | 222.3 | Lg | 10:46:33.427 | -0.4 | | | | | T__ | | | | --- | | 6702774 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.13 | 269.1 | Lg | 10:46:33.711 | -0.8 | | | | | T__ | | | | --- | | 6702775 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.26 | 9.2 | Pg | 10:46:34.864 | 1.0 | | | | | T__ | | 377.9 | | --- | ML | 1.6 | 6702759 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.26 | 9.2 | Lg | 10:46:38.229 | -0.5 | | | | | T__ | | | | --- | | 6702761 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.27 | 279.8 | Lg | 10:46:37.135 | -2.1 | | | | | T__ | | | | --- | | 6702760 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.57 | 248.3 | Lg | 10:46:47.594 | -1.3 | | | | | T__ | | | | --- | | 6702762 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.16 | 17.1 | Pn | 10:46:50.157 | -0.7 | | | | | T__ | | 12.8 | | --- | ML | 1.3 | 6702764 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.16 | 17.1 | Lg | 10:47:06.644 | -2.0 | | | | | T__ | | | | --- | | 6702763 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.19 | 62.8 | Pn | 10:46:50.719 | -0.5 | | | | | T__ | | 51.8 | | --- | ML | 1.9 | 6702765 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.19 | 62.8 | Sn | 10:47:08.501 | -1.0 | | | | | T__ | | | | --- | | 6702766 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.19 | 169.2 | Sn | 10:47:07.854 | -0.9 | | | | | T__ | | | | --- | | 6702769 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.21 | 325.0 | Sn | 10:47:09.536 | -0.6 | | | | | T__ | | | | --- | | 6702767 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.31 | 186.8 | Sn | 10:47:11.781 | 0.2 | | | | | T__ | | | | --- | | 6702768 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/06 | 11:24:44.03 | 1.72 | 1.18 | 47.3738 | 18.3883 | 11.1 | 5.6 | 119 | 0.0f | 9 | 6 | 178 | 0.09 | 1.16 | sx | BUD | 17001630 | BUD | | | | 224 |

Magnitude Err Nsta Author OrigID
ML 1.1 0.2 4 BUD 17001630

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 263.0 | Pg | 11:24:46.816 | 0.4 | | | | | T__ | | 984.4 | | --- | ML | 1.5 | 6703590 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 263.0 | Lg | 11:24:47.742 | -1.1 | | | | | T__ | | | | --- | | 6703591 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.09 | 282.3 | Pg | 11:24:47.175 | 0.7 | | | | | T__ | | 410.4 | | --- | ML | 1.2 | 6703594 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.09 | 282.3 | Lg | 11:24:48.056 | -0.8 | | | | | T__ | | | | --- | | 6703595 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.14 | 239.4 | Pg | 11:24:48.079 | 0.6 | | | | | T__ | | 155.6 | | --- | ML | 0.9 | 6703597 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.14 | 239.4 | Lg | 11:24:49.495 | -1.1 | | | | | T__ | | | | --- | | 6703596 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.18 | 273.1 | Pg | 11:24:49.379 | 1.2 | | | | | T__ | | 139.2 | | --- | ML | 0.9 | 6703598 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.16 | 61.3 | Sn | 11:25:23.472 | -1.0 | | | | | T__ | | | | --- | | 6703592 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 1.16 | 14.9 | Lg | 11:25:23.181 | -1.3 | | | | | T__ | | | | --- | | 6703593 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/06 | 13:38:52.95 | 1.69 | 0.62 | 47.9029 | 16.0737 | 18.5 | 4.1 | 30 | 0.0f | | 5 | 3 | 223 | 0.14 | 0.81 | sx | BUD | 17001638 | BUD | | | 315 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.14 | 280.2 | Pg | 13:38:56.356 | 0.3 | | | | | T__ | | 151.0 | | --- | ML | 0.9 | 6704303 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.14 | 280.2 | Lg | 13:38:57.591 | -0.7 | | | | | T__ | | | | --- | | 6704304 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.25 | 143.5 | Pg | 13:38:58.132 | -0.1 | | | | | T__ | | 81.0 | | --- | ML | 0.9 | 6704305 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.25 | 143.5 | Lg | 13:39:02.300 | 0.4 | | | | | T__ | | | | --- | | 6704306 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A019A | 0.81 | 236.0 | Lg | 13:39:19.126 | 0.0 | | | | | T__ | | | | --- | | 6704307 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/06 | 15:41:03.23 | 0.98 | 0.49 | 47.5965 | 16.3652 | 4.9 | 4.5 | 15 | 0.0f | | 9 | 7 | 115 | 0.11 | 0.80 | sx | BUD | 17001640 | BUD | | | 195 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 335.7 | Pg | 15:41:05.707 | -0.2 | | | | | T__ | | 213.3 | | --- | ML | 0.9 | 6704329 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 335.7 | Lg | 15:41:07.482 | -0.4 | | | | | T__ | | | | --- | | 6704330 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.16 | 56.3 | Pg | 15:41:06.826 | 0.1 | | | | | T__ | | 114.6 | | --- | ML | 0.8 | 6704332 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|----------------------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| SOP | 0.16 | 56.3 | Lg | 15:41:09.605 | 0.3 | T__ | --- | 6704331 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | |
| | | | | (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | |
| A011B | 0.33 | 235.8 | Lg | 15:41:14.506 | 0.3 | T__ | --- | 6704333 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| CONA | 0.47 | 314.5 | Lg | 15:41:19.246 | 0.1 | T__ | --- | 6704335 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.67 | 239.1 | Lg | 15:41:25.035 | 0.4 | T__ | --- | 6704336 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A262A | 0.74 | 171.4 | Lg | 15:41:27.011 | -0.9 | T__ | --- | 6704334 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A013A | 0.80 | 306.2 | Lg | 15:41:29.357 | 0.4 | T__ | --- | 6704337 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/07/07 | 06:23:34.51 | 0.92 | 1.09 | 47.0403 | 17.9664 | 5.6 | 3.0 | 105 | 0.0f | | 13 | 9 | 119 | 0.15 | 1.58 | sx | BUD | 17001642 | BUD | | | 156 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.6 | 0.1 | 4 BUD | 17001642 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| TIH | 0.15 | 199.7 | Pg | 06:23:38.579 | 0.5 | | | | | T__ | | 3054.9 | | --- | ML | 2.2 | 6706281 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 0.15 | 199.7 | Lg | 06:23:40.219 | -0.9 | | | | | T__ | | | | --- | | 6706283 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.31 | 32.4 | Lg | 06:23:45.552 | -1.5 | | | | | T__ | | | | --- | | 6706288 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.32 | 294.2 | Pg | 06:23:41.934 | 0.5 | | | | | T__ | | 289.1 | | --- | ML | 1.6 | 6706289 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.32 | 294.2 | Lg | 06:23:45.943 | -1.0 | | | | | T__ | | | | --- | | 6706290 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.36 | 17.6 | Lg | 06:23:47.361 | -1.3 | | | | | T__ | | | | --- | | 6706291 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.38 | 31.7 | Pg | 06:23:43.303 | 0.7 | | | | | T__ | | 154.2 | | --- | ML | 1.5 | 6706293 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.38 | 31.7 | Lg | 06:23:48.192 | -1.3 | | | | | T__ | | | | --- | | 6706292 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.39 | 355.8 | Pg | 06:23:44.344 | 1.5 | | | | | T__ | | 138.3 | | --- | ML | 1.5 | 6706282 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.39 | 355.8 | Lg | 06:23:48.852 | -0.8 | | | | | T__ | | | | --- | | 6706287 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.96 | 174.4 | Lg | 06:24:07.351 | -0.6 | | | | | T__ | | | | --- | | 6706284 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.57 | 21.6 | Sn | 06:24:24.527 | -0.5 | | | | | T__ | | | | --- | | 6706285 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.58 | 55.4 | Sn | 06:24:25.367 | 0.2 | | | | | T__ | | | | --- | | 6706286 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
| 2021/07/07 | 06:55:21.77 | 3.49 | 0.88 | 48.1346 | 21.2677 | 22.3 | 8.0 | 143 | 0.0f | | 7 | 4 | 275 | 0.16 | 0.63 | sx | BUD | 17001644 | BUD | | | | | 321 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.2 | 0.3 | 3 BUD | 17001644 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| ABAH | 0.16 | 353.4 | Pg | 06:55:25.713 | 0.2 | | | | | T__ | | 183.2 | | --- | ML | 1.0 | 6706324 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.16 | 353.4 | Lg | 06:55:28.028 | -0.9 | | | | | T__ | | | | --- | | 6706325 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 268.8 | Lg | 06:55:39.099 | -1.4 | | | | | T__ | | | | --- | | 6706320 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|-----|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JOS | 0.61 | 306.9 | Pg | 06:55:34.205 | 0.3 | T__ | 24.9 | ___ | ML | 1.2 | 6706321 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.61 | 306.9 | Lg | 06:55:43.687 | 0.5 | T__ | | --- | | | 6706322 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.63 | 304.0 | Pg | 06:55:34.664 | 0.3 | T__ | 150.5 | ___ | ML | 2.0 | 6706323 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.63 | 304.0 | Lg | 06:55:44.238 | 0.3 | T__ | | --- | | | 6706326 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/07 | 07:47:53.43 | 0.96 | 1.44 | 46.9850 | 17.3108 | 7.0 | 4.0 | 147 | 0.0f | | 11 | 8 | 85 | 0.12 | 1.36 | sx | BUD | 17001648 | BUD | | | 115 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 3 BUD | 17001648 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.12 | 253.5 | Pg | 07:47:56.291 | -0.1 | | | | | T__ | | 11127.8 | | --- | ML | 2.7 | 6706905 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.12 | 253.5 | Lg | 07:47:57.985 | -0.9 | | | | | T__ | | | | --- | | 6706906 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.24 | 40.1 | Pg | 07:47:58.922 | 0.0 | | | | | T__ | | 516.7 | | --- | ML | 1.7 | 6706904 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.24 | 40.1 | Lg | 07:48:02.571 | -0.8 | | | | | T__ | | | | --- | | 6706907 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.34 | 179.5 | Lg | 07:48:06.150 | -0.0 | | | | | T__ | | | | --- | | 6706911 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.98 | 47.7 | Sn | 07:48:26.204 | -2.6 | | | | | T__ | | | | --- | | 6706908 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| A011B | 1.01 | 295.2 | Lg | 07:48:27.664 | 1.6 | | | | | T__ | | | | --- | | 6706909 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| KOVH | 1.05 | 148.4 | Pn | 07:48:16.027 | 1.8 | | | | | T__ | | 48.0 | | --- | ML | 1.8 | 6706913 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.05 | 148.4 | Lg | 07:48:29.711 | 0.4 | | | | | T__ | | | | --- | | 6706912 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.20 | 129.5 | Sn | 07:48:34.239 | 0.5 | | | | | T__ | | | | --- | | 6706914 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| CONA | 1.36 | 314.4 | Sn | 07:48:39.546 | 1.4 | | | | | T__ | | | | --- | | 6706910 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/07/07 | 08:27:50.64 | 0.88 | 0.97 | 48.5007 | 17.5041 | 5.7 | 3.0 | 135 | 0.0f | | 12 | 7 | 131 | 0.20 | 1.24 | sx | BUD | 17001650 | BUD | | | | | 204 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 3 BUD | 17001650 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.20 | 230.0 | Pg | 08:27:55.111 | -0.1 | | | | | T__ | | | | --- | | 6707047 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.20 | 230.0 | Lg | 08:27:57.608 | -1.3 | | | | | T__ | | | | --- | | 6707048 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.38 | 17.0 | Pg | 08:27:58.247 | -0.4 | | | | | T__ | | 133.5 | | --- | ML | 1.5 | 6707051 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.38 | 17.0 | Lg | 08:28:04.620 | -0.4 | | | | | T__ | | | | --- | | 6707052 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.41 | 221.5 | Pg | 08:27:59.152 | -0.0 | | | | | T__ | | | | --- | | 6707049 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.41 | 221.5 | Lg | 08:28:04.588 | -1.1 | | | | | T__ | | | | --- | | 6707050 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.89 | 89.9 | Pg | 08:28:09.359 | 0.8 | | | | | T__ | | 11.6 | | --- | ML | 1.1 | 6707054 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |

```

VYHS 0.89 89.9 Lg 08:28:20.760 -0.6 T__ --- 6707053 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KRUC 0.92 307.9 Lg 08:28:23.258 1.3 T__ --- 6707055 FDSN CZ -- BUD iLoc HHE ??? _
RONA 1.14 225.7 Lg 08:28:28.959 1.0 T__ --- 6707056 FDSN OE -- BUD iLoc HHE ??? _
CONA 1.24 243.1 Pn 08:28:14.612 -0.3 T__ 28.2 --- ML 1.6 6707058 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.24 243.1 Lg 08:28:32.097 1.1 T__ --- 6707057 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/07 08:57:10.88 1.01 0.87 48.4914 17.5067 7.2 3.7 132 0.0f 6 4 143 0.19 0.93 sx BUD 17001652 BUD 218

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.19 232.4 Pg 08:57:15.695 0.4 T__ --- 6707079 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.19 232.4 Lg 08:57:17.913 -1.1 T__ --- 6707080 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.38 16.4 Pg 08:57:19.289 0.2 T__ 103.6 --- ML 1.4 6707082 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.38 16.4 Lg 08:57:24.718 -0.8 T__ --- 6707081 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
VYHS 0.88 89.3 Lg 08:57:41.617 0.0 T__ --- 6707083 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.93 308.2 Lg 08:57:42.841 0.4 T__ --- 6707084 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/07 09:00:47.68 1.32 1.31 47.2244 18.2706 10.7 6.7 78 0.0f 9 7 162 0.09 1.33 sx BUD 17001654 BUD 271

```

Magnitude Err Nsta Author OrigID
ML 1.0 0.1 4 BUD 17001654

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.09 332.5 Pg 09:00:50.567 0.5 T__ 442.3 --- ML 1.2 6707107 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 332.5 Lg 09:00:51.679 -0.8 T__ --- 6707106 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.14 357.2 Pg 09:00:51.644 0.5 T__ 218.6 --- ML 1.0 6707108 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.14 357.2 Lg 09:00:52.617 -1.7 T__ --- 6707109 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.17 357.3 Pg 09:00:52.756 1.1 T__ 122.8 --- ML 0.9 6707110 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW3 0.19 328.3 Pg 09:00:52.895 0.9 T__ 129.3 --- ML 0.9 6707111 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MORH 1.04 165.6 Lg 09:01:22.461 -1.2 T__ --- 6707112 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.30 57.1 Sn 09:01:30.590 -1.1 T__ --- 6707113 FDSN GE -- BUD iLoc HHE ??? _
VYHS 1.33 16.5 Sn 09:01:31.042 -1.3 T__ --- 6707114 FDSN SK -- BUD iLoc HHE ??? _

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/07/07 09:14:43.50 1.20 1.15 48.5564 20.7769 6.6 5.8 175 0.0f 12 8 88 0.17 1.29 sx BUD 17001656 BUD 160

Magnitude Err Nsta Author OrigID
 ML 1.5 0.2 4 BUD 17001656

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 249.1 | Pg | 09:14:47.054 | -0.0 | | | | | T__ | | 470.2 | | --- | ML | 1.4 | 6707202 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 249.1 | Lg | 09:14:49.922 | -0.0 | | | | | T__ | | | | --- | | 6707206 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 249.4 | Pg | 09:14:47.806 | -0.1 | | | | | T__ | | 1093.0 | | --- | ML | 1.9 | 6707205 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.21 | 249.4 | Lg | 09:14:51.448 | 0.2 | | | | | T__ | | | | --- | | 6707207 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.40 | 130.0 | Lg | 09:14:58.895 | 0.1 | | | | | T__ | | | | --- | | 6707208 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.47 | 201.2 | Lg | 09:15:00.653 | -0.3 | | | | | T__ | | | | --- | | 6707209 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 0.87 | 223.1 | Pg | 09:15:02.457 | 0.6 | | | | | T__ | | 46.4 | | --- | ML | 1.6 | 6707211 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.87 | 223.1 | Lg | 09:15:14.807 | -0.1 | | | | | T__ | | | | --- | | 6707210 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.92 | 340.2 | Lg | 09:15:14.020 | 0.1 | | | | | T__ | | | | --- | | 6707212 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| KOLS | 1.06 | 68.6 | Lg | 09:15:19.802 | -0.3 | | | | | T__ | | | | --- | | 6707213 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 1.29 | 268.0 | Pn | 09:15:08.049 | 0.1 | | | | | T__ | | 16.6 | | --- | ML | 1.4 | 6707204 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.29 | 268.0 | Sn | 09:15:23.950 | -3.4 | | | | | T__ | | | | --- | | 6707203 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/07/07 09:17:05.61 1.08 0.80 46.0792 22.0431 6.8 5.6 73 0.0f 6 4 110 0.33 0.86 sx BUD 17001658 BUD 197

Magnitude Err Nsta Author OrigID
 ML 1.1 0.1 3 BUD 17001658

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SIRR | 0.33 | 305.4 | Pg | 09:17:12.738 | 0.1 | | | | | T__ | | 82.8 | | --- | ML | 1.1 | 6707256 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.33 | 305.4 | Lg | 09:17:17.855 | -0.3 | | | | | T__ | | | | --- | | 6707254 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.55 | 212.9 | Pg | 09:17:16.871 | 0.4 | | | | | T__ | | 17.6 | | --- | ML | 1.1 | 6707257 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.85 | 32.7 | Pg | 09:17:23.104 | 0.5 | | | | | T__ | | 34.2 | | --- | ML | 1.5 | 6707252 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.85 | 32.7 | Lg | 09:17:34.682 | -0.7 | | | | | T__ | | | | --- | | 6707253 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.86 | 142.9 | Lg | 09:17:33.072 | -1.0 | | | | | T__ | | | | --- | | 6707255 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2021/07/07 09:37:53.77 1.02 0.77 46.0311 22.8268 7.7 4.0 64 0.0f 10 6 137 0.16 0.94 sx BUD 17001660 BUD 204

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD 17001660

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.16 | 160.1 | Pg | 09:37:57.128 | 0.4 | | | | | T__ | | 540.6 | | _d | ML | 1.5 | 6707285 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.16 | 160.1 | Lg | 09:37:58.346 | -0.6 | | | | | T__ | | | | --- | | 6707289 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.64 | 183.2 | Pg | 09:38:06.391 | 0.3 | | | | | T__ | | 52.8 | | --- | ML | 1.6 | 6707286 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.64 | 183.2 | Lg | 09:38:14.864 | -0.3 | | | | | T__ | | | | --- | | 6707290 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.76 | 354.0 | Pg | 09:38:09.616 | 0.4 | | | | | T__ | | 41.7 | | --- | ML | 1.5 | 6707292 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.76 | 354.0 | Lg | 09:38:19.881 | -1.2 | | | | | T__ | | | | --- | | 6707291 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.85 | 286.7 | Pg | 09:38:11.314 | 0.3 | | | | | T__ | | 28.2 | | --- | ML | 1.4 | 6707293 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.85 | 286.7 | Lg | 09:38:22.214 | -1.0 | | | | | T__ | | | | --- | | 6707288 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.88 | 131.1 | Lg | 09:38:22.767 | -0.8 | | | | | T__ | | | | --- | | 6707294 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 0.94 | 244.3 | Lg | 09:38:25.301 | -0.1 | | | | | T__ | | | | --- | | 6707287 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/07/07 11:56:27.73 1.71 0.88 47.8767 20.1369 15.6 4.1 164 0.0f 10 6 224 0.17 1.07 kx BUD 17001662 BUD 245
 2021/07/07 11:56:27.46 0.93 0.62 47.8650 20.1529f 0.0f 10 6 228 0.18 1.08 kx BUD_GT 17001663 BUD_GT 247
 (locality : Kismána Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 5 BUD_GT 17001663

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 11:56:32.205 | 0.3 | | | | | T__ | | 952.8 | | _d | ML | 1.8 | 6707385 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 11:56:34.664 | -0.9 | | | | | T__ | | | | --- | | 6707389 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HUO2A | 0.36 | 44.0 | Pg | 11:56:35.411 | 0.1 | | | | | T__ | | 120.9 | | --- | ML | 1.4 | 6707390 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HUO2A | 0.36 | 44.0 | Lg | 11:56:40.751 | -0.7 | | | | | T__ | | | | --- | | 6707386 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.66 | 19.7 | Lg | 11:56:51.599 | 0.9 | | | | | T__ | | | | --- | | 6707391 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.68 | 22.1 | Pg | 11:56:41.495 | 0.4 | | | | | T__ | | 36.8 | | --- | ML | 1.4 | 6707392 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 22.1 | Lg | 11:56:51.360 | -0.2 | | | | | T__ | | | | --- | | 6707393 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.85 | 59.0 | Pn | 11:56:45.843 | 0.5 | | | | | T__ | | 45.2 | | --- | ML | 1.6 | 6707388 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.85 | 59.0 | Lg | 11:56:57.160 | -0.9 | | | | | T__ | | | | --- | | 6707394 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

VYHS 1.08 306.0 Pn 11:56:48.713 -0.2 T__ 9.7 ___ ML 1.1 6707387 FDSN SK -- BUD iLoc HHZ HHZ _
 (Reading ML: 1.1 magdef=1
 (Station ML: 1.1 magdef=0

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/07 | 16:12:11.22 | 0.98 | 0.62 | 47.6120 | 16.3843 | 5.8 | 3.5 | 156 | 0.0f | 13 | 9 | 176 | 0.11 | 1.45 | sx | BUD | 17001664 | BUD | | | | 197 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.3 | 4 BUD | 17001664 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 325.9 | Pg | 16:12:13.581 | -0.1 | | | | | T__ | | 169.9 | | _c_ | ML | 0.8 | 6707462 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 325.9 | Lg | 16:12:15.452 | -0.2 | | | | | T__ | | | | --- | | 6707458 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.14 | 58.7 | Pg | 16:12:14.611 | 0.3 | | | | | T__ | | 66.7 | | --- | ML | 0.5 | 6707463 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.14 | 58.7 | Lg | 16:12:16.425 | -0.3 | | | | | T__ | | | | --- | | 6707457 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.35 | 235.0 | Lg | 16:12:22.019 | -0.8 | | | | | T__ | | | | --- | | 6707459 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| CONA | 0.47 | 312.1 | Lg | 16:12:27.281 | 0.2 | | | | | T__ | | | | --- | | 6707464 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| ARSA | 0.69 | 238.6 | Pg | 16:12:24.330 | -0.2 | | | | | T__ | | 23.4 | | --- | ML | 1.3 | 6707461 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.69 | 238.6 | Lg | 16:12:33.573 | 0.4 | | | | | T__ | | | | --- | | 6707460 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.89 | 279.0 | Pg | 16:12:28.164 | -0.4 | | | | | T__ | | 18.5 | | --- | ML | 1.3 | 6707456 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.89 | 279.0 | Lg | 16:12:41.178 | 1.4 | | | | | T__ | | | | --- | | 6707455 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A019A | 0.90 | 259.8 | Lg | 16:12:40.762 | 0.6 | | | | | T__ | | | | --- | | 6707465 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| MODS | 0.97 | 37.9 | Lg | 16:12:45.512 | -0.4 | | | | | T__ | | | | --- | | 6707466 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| KRUC | 1.45 | 0.3 | Sn | 16:12:57.860 | -0.0 | | | | | T__ | | | | --- | | 6707467 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/07/08 | 06:10:03.07 | 1.50 | 0.90 | 47.3305 | 18.3222 | 12.4 | 5.8 | 63 | 0.0f | 8 | 7 | 108 | 0.05 | 1.25 | kx | BUD | 17001668 | BUD | | | | 152 |
| 2021/07/08 | 06:10:03.10 | 1.00 | 0.87 | 47.3167 | 18.3081f | | | | 0.0f | 8 | 7 | 107 | 0.06 | 1.24 | kx | BUD_GT | 17001669 | BUD_GT | | | | 151 |

(locality : Magyaralmás Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 325.1 | Pg | 06:10:05.161 | 0.2 | | | | | T__ | | 1636.4 | | --- | ML | 1.7 | 6709500 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 325.1 | Lg | 06:10:05.705 | -1.1 | | | | | T__ | | | | --- | | 6709501 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.29 | 293.8 | Lg | 06:10:14.125 | -0.4 | | | | | T__ | | | | --- | | 6709499 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.54 | 254.6 | Lg | 06:10:23.490 | 0.7 | | | | | T__ | | | | --- | | 6709496 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.13 | 168.1 | Lg | 06:10:41.409 | -0.4 | | | | | T__ | | | | --- | | 6709497 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.23 | 16.6 | Sn | 06:10:43.819 | -1.6 | | | | | T__ | | | | --- | | 6709503 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

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PSZ 1.23 60.1 Pn 06:10:27.185 0.5 T__ 26.1 ___ ML 1.6 6709502 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOVH 1.24 186.7 Sn 06:10:45.243 0.5 T__ ___ 6709498 FDSN HU -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/08 07:27:21.86 0.80 1.02 48.6172 18.5456 4.6 2.9 36 0.0f 22 12 96 0.23 1.41 sx BUD 17001672 BUD 135

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```

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 10 BUD 17001672

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.23 122.5 Pg 07:27:27.325 0.6 T__ 88.0 ___ ML 0.9 6709589 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.23 122.5 Lg 07:27:30.000 -0.4 T__ ___ 6709595 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
A331A 0.57 338.2 Pg 07:27:32.874 -0.4 T__ 85.8 ___ ML 1.8 6709592 FDSN Z3 00 BUD iLoc HHZ HHZ _
A331A 0.57 338.2 Lg 07:27:41.509 0.3 T__ ___ 6709596 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JAVC 0.63 293.0 Pg 07:27:35.853 1.0 T__ 67.9 ___ ML 1.7 6709593 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.63 293.0 Lg 07:27:44.367 -0.4 T__ ___ 6709597 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU10A 0.83 157.6 Lg 07:27:51.002 -1.1 T__ ___ 6709598 FDSN ZJ 00 BUD iLoc HHN ??? _
MODS 0.88 254.4 Pg 07:27:39.964 0.3 T__ ___ 6709600 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.88 254.4 Lg 07:27:52.734 -0.4 T__ ___ 6709599 FDSN SK -- BUD iLoc HHN ??? _
HU03A 1.00 135.0 Pn 07:27:42.352 0.1 T__ 236.7 ___ ML 2.4 6709601 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
PSZ 1.14 127.3 Pn 07:27:44.090 -0.3 T__ 28.9 ___ ML 1.6 6709588 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.14 127.3 Sn 07:27:59.779 -2.5 T__ ___ 6709602 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 1.30 95.2 Pn 07:27:46.383 0.0 T__ 80.1 ___ ML 2.1 6709586 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.30 95.2 Sn 07:28:04.140 -1.6 T__ ___ 6709603 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 1.33 94.5 Pn 07:27:46.047 -0.7 T__ 24.7 ___ ML 1.6 6709587 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.33 94.5 Sn 07:28:04.777 -1.7 T__ ___ 6709604 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORC 1.33 330.8 Pg 07:27:46.618 -0.0 T__ 32.6 ___ ML 1.8 6709594 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.33 330.8 Lg 07:28:05.469 0.3 T__ ___ 6709605 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 1.41 54.6 Pg 07:27:49.339 1.0 T__ 10.9 ___ ML 1.3 6709590 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.41 54.6 Lg 07:28:08.069 -0.1 T__ ___ 6709591 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU02A 1.41 109.8 Pn 07:27:46.919 -1.1 T__ 23.4 ___ ML 1.7 6709585 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.41 109.8 Sn 07:28:07.473 -1.2 T__ ___ 6709606 FDSN ZJ 00 BUD iLoc HHN ??? _

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(Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/08 | 07:34:47.17 | 1.02 | 0.84 | 47.9553 | 16.6705 | 7.9 | 3.4 | 134 | 0.0f | 11 | 8 | 180 | 0.36 | 1.12 | sx | BUD | 17001674 | BUD | | | | 228 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.36 | 224.7 | Pg | 07:34:54.329 | -0.2 | | | | | T__ | | 43.1 | | ___ | ML | 0.9 | 6709709 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.36 | 224.7 | Lg | 07:34:58.909 | -0.6 | | | | | T__ | | | | ___ | | 6709704 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.54 | 267.4 | Pg | 07:34:58.303 | 0.2 | | | | | T__ | | 25.2 | | ___ | ML | 1.2 | 6709705 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.54 | 267.4 | Lg | 07:35:05.077 | -0.2 | | | | | T__ | | | | ___ | | 6709707 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.58 | 43.9 | Pg | 07:34:59.728 | 0.4 | | | | | T__ | | | | ___ | | 6709706 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.58 | 43.9 | Lg | 07:35:08.503 | -0.2 | | | | | T__ | | | | ___ | | 6709708 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| A001A | 0.78 | 356.1 | Lg | 07:35:14.165 | -0.2 | | | | | T__ | | | | ___ | | 6709710 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| A013A | 0.86 | 277.7 | Lg | 07:35:15.267 | 0.5 | | | | | T__ | | | | ___ | | 6709711 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 1.05 | 228.2 | Lg | 07:35:20.959 | 0.4 | | | | | T__ | | | | ___ | | 6709712 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A018A | 1.09 | 259.4 | Lg | 07:35:23.223 | 1.1 | | | | | T__ | | | | ___ | | 6709713 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.12 | 350.7 | Lg | 07:35:23.529 | -1.8 | | | | | T__ | | | | ___ | | 6709714 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/07/08 | 07:50:04.73 | 2.39 | 1.47 | 46.1124 | 18.0789 | 18.1 | 6.5 | 106 | 0.0f | 6 | 3 | 192 | 0.03 | 1.12 | kx | BUD | 17001676 | BUD | | | | 286 |
| 2021/07/08 | 07:50:03.98 | 1.03 | 0.81 | 46.1204 | 18.0243f | | | | 0.0f | 6 | 3 | 221 | 0.06 | 1.10 | kx | BUD_GT | 17001677 | BUD_GT | | | | 316 |

(locality : Bükkösd Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.9 0.0 3 BUD_GT 17001677

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.06 | 121.4 | Pg | 07:50:06.358 | 0.4 | | | | | T__ | | 2486.7 | | ___ | ML | 1.9 | 6709737 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.06 | 121.4 | Lg | 07:50:06.662 | -1.1 | | | | | T__ | | | | ___ | | 6709738 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.44 | 77.4 | Pg | 07:50:13.586 | 0.4 | | | | | T__ | | 59.9 | | ___ | ML | 1.3 | 6709736 | FDSN | HU | -- | BUD | iLoc | HHN | HHZ | _ |
| MORH | 0.44 | 77.4 | Lg | 07:50:19.698 | -0.7 | | | | | T__ | | | | ___ | | 6709741 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.10 | 342.5 | Pn | 07:50:25.999 | 0.5 | | | | | T__ | | 58.5 | | ___ | ML | 1.9 | 6709740 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.10 | 342.5 | Sn | 07:50:40.959 | -1.1 | | | | | T__ | | | | ___ | | 6709739 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

2021/07/08 08:14:56.46 3.32 0.72 46.7801 22.7743 28.4 15.1 44 0.0f 7 5 227 0.04 1.50 sx BUD 17001678 BUD 275

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| DRGR | 0.04 | 284.8 | Pg | 08:14:57.743 | -0.1 | | | | | T__ | | 331.0 | | --- | ML | 0.9 6709766 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.04 | 284.8 | Lg | 08:14:59.231 | 0.1 | | | | | T__ | | | | --- | | 6709767 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.92 | 236.7 | Lg | 08:15:28.268 | -0.2 | | | | | T__ | | | | --- | | 6709768 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| GZR | 1.39 | 179.9 | Pn | 08:15:23.255 | 0.7 | | | | | T__ | | 25.4 | | --- | ML | 1.7 6709763 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.39 | 179.9 | Sn | 08:15:42.600 | 0.2 | | | | | T__ | | | | --- | | 6709765 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.41 | 215.1 | Sn | 08:15:43.026 | 0.5 | | | | | T__ | | | | --- | | 6709769 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| LOT | 1.50 | 152.2 | Sn | 08:15:44.606 | -1.1 | | | | | T__ | | | | --- | | 6709764 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/07/08 10:01:22.75 0.90 0.82 47.8899 16.4801 4.1 3.1 97 0.0f 12 8 118 0.09 1.17 sx BUD 17001680 BUD 165

Magnitude Err Nsta Author OrigID
 ML 1.0 0.2 4 BUD 17001680

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| A004A | 0.09 | 322.5 | Pg | 10:01:25.644 | 0.8 | | | | | T__ | | 11007.6 | | --- | ML | 2.6 6711430 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.21 | 165.7 | Pg | 10:01:28.061 | 0.7 | | | | | T__ | | 100.3 | | --- | ML | 0.9 6711423 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.21 | 165.7 | Lg | 10:01:29.714 | -0.9 | | | | | T__ | | | | --- | | 6711432 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.23 | 213.1 | Pg | 10:01:27.972 | 0.4 | | | | | T__ | | 64.7 | | --- | ML | 0.7 6711431 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.23 | 213.1 | Lg | 10:01:30.434 | -0.5 | | | | | T__ | | | | --- | | 6711422 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.42 | 275.5 | Pg | 10:01:31.561 | 0.4 | | | | | T__ | | 38.3 | | --- | ML | 1.0 6711425 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.42 | 275.5 | Lg | 10:01:35.766 | -1.1 | | | | | T__ | | | | --- | | 6711424 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A002B | 0.48 | 9.1 | Lg | 10:01:39.401 | -0.4 | | | | | T__ | | | | --- | | 6711426 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| MODS | 0.72 | 47.5 | Pg | 10:01:37.839 | 0.3 | | | | | T__ | | | | --- | | 6711428 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.72 | 47.5 | Lg | 10:01:48.412 | -0.5 | | | | | T__ | | | | --- | | 6711427 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| A018A | 0.96 | 261.7 | Lg | 10:01:53.330 | 0.0 | | | | | T__ | | | | --- | | 6711421 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| KRUC | 1.17 | 357.3 | Lg | 10:02:01.238 | -1.4 | | | | | T__ | | | | --- | | 6711429 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/07/08 15:33:43.97 1.03 0.40 47.5881 16.3512 5.8 4.0 139 0.0f 8 5 180 0.12 1.48 sx BUD 17001684 BUD 260

Magnitude Err Nsta Author OrigID
 ML 0.6 0.0 3 BUD 17001684

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 341.6 | Pg | 15:33:46.640 | -0.1 | | | | | T__ | | 130.9 | | ___ | ML | 0.7 | 6712932 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 341.6 | Lg | 15:33:48.672 | -0.1 | | | | | T__ | | | | --- | | 6712933 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.17 | 55.7 | Pg | 15:33:47.943 | 0.2 | | | | | T__ | | 66.7 | | ___ | ML | 0.6 | 6712935 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.17 | 55.7 | Lg | 15:33:49.975 | -0.5 | | | | | T__ | | | | --- | | 6712934 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.32 | 236.1 | Pg | 15:33:50.340 | -0.1 | | | | | T__ | | 25.5 | | ___ | ML | 0.6 | 6712936 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.32 | 236.1 | Lg | 15:33:54.603 | 0.0 | | | | | T__ | | | | --- | | 6712938 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.47 | 316.0 | Lg | 15:34:00.294 | 0.4 | | | | | T__ | | | | --- | | 6712937 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.48 | 1.1 | Sn | 15:34:30.666 | -0.6 | | | | | T__ | | | | --- | | 6712939 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/09 | 06:17:28.41 | 4.38 | 0.36 | 46.8251 | 22.8301 | 60.8 | 18.0 | 173 | 0.0f | | 4 | 2 | 266 | 0.09 | 1.52 | sx | BUD | 17001688 | BUD | | | 360 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.09 | 247.7 | Pg | 06:17:30.571 | -0.0 | | | | | T__ | | 192.7 | | _c_ | ML | 0.8 | 6715119 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.09 | 247.7 | Lg | 06:17:32.547 | 0.0 | | | | | T__ | | | | --- | | 6715120 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.52 | 154.3 | Pn | 06:17:56.839 | 0.1 | | | | | T__ | | 43.1 | | ___ | ML | 2.0 | 6715122 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.52 | 154.3 | Sn | 06:18:17.940 | -0.3 | | | | | T__ | | | | --- | | 6715121 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/09 | 07:21:46.42 | 2.32 | 0.38 | 48.4277 | 21.2340 | 17.1 | 5.0 | 45 | 0.0f | | 7 | 4 | 259 | 0.13 | 0.56 | sx | BUD | 17001690 | BUD | | | 318 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.9 | 0.5 | 3 BUD | 17001690 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.13 | 178.3 | Pg | 07:21:49.573 | 0.0 | | | | | T__ | | 83.7 | | ___ | ML | 0.6 | 6715166 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.13 | 178.3 | Lg | 07:21:52.262 | -0.1 | | | | | T__ | | | | --- | | 6715171 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.47 | 278.6 | Pg | 07:21:55.916 | 0.1 | | | | | T__ | | 19.9 | | ___ | ML | 0.9 | 6715167 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.47 | 278.6 | Lg | 07:22:03.056 | 0.0 | | | | | T__ | | | | --- | | 6715172 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.50 | 276.6 | Lg | 07:22:03.806 | -0.4 | | | | | T__ | | | | --- | | 6715170 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU02A | 0.56 | 237.4 | Pg | 07:21:58.111 | -0.2 | | | | | T__ | | 35.7 | | ___ | ML | 1.4 | 6715169 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.56 | 237.4 | Lg | 07:22:07.876 | 0.6 | | | | | T__ | | | | --- | | 6715168 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/09 | 08:04:13.99 | 0.88 | 1.31 | 48.4799 | 19.3523 | 5.1 | 3.2 | 11 | 0.0f | 15 | 11 | 103 | 0.34 | 1.39 | sx | BUD | 17001692 | BUD | | | | 158 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 5 BUD | 17001692 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.34 | 272.5 | Pg | 08:04:22.013 | 0.9 | | | | | T__ | | 79.3 | | --- | ML | 1.2 | 6715208 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.34 | 272.5 | Lg | 08:04:26.148 | -0.3 | | | | | T__ | | | | --- | | 6715207 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.60 | 163.9 | Lg | 08:04:35.878 | 0.2 | | | | | T__ | | | | --- | | 6715209 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.67 | 147.0 | Pg | 08:04:28.337 | 0.1 | | | | | T__ | | 54.8 | | --- | ML | 1.6 | 6715210 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.67 | 147.0 | Lg | 08:04:37.702 | -0.9 | | | | | T__ | | | | --- | | 6715211 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.67 | 199.5 | Lg | 08:04:37.824 | -0.8 | | | | | T__ | | | | --- | | 6715212 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.75 | 89.3 | Lg | 08:04:39.648 | -0.7 | | | | | T__ | | | | --- | | 6715213 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.79 | 88.4 | Pg | 08:04:31.108 | 1.4 | | | | | T__ | | 96.6 | | --- | ML | 1.9 | 6715206 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.79 | 88.4 | Lg | 08:04:40.621 | -0.9 | | | | | T__ | | | | --- | | 6715214 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.86 | 114.1 | Lg | 08:04:43.297 | -1.7 | | | | | T__ | | | | --- | | 6715215 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| NIE | 1.13 | 33.3 | Lg | 08:04:50.837 | -0.8 | | | | | T__ | | | | --- | | 6715216 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| JAVC | 1.18 | 289.4 | Pn | 08:04:36.972 | -0.2 | | | | | T__ | | 45.3 | | --- | ML | 1.8 | 6715218 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.18 | 289.4 | Lg | 08:04:53.027 | -2.6 | | | | | T__ | | | | --- | | 6715217 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 1.27 | 97.6 | Pn | 08:04:39.405 | 1.5 | | | | | T__ | | 53.6 | | --- | ML | 1.9 | 6715219 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.39 | 266.4 | Sn | 08:04:58.864 | -1.5 | | | | | T__ | | | | --- | | 6715220 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/09 | 08:09:28.22 | 1.43 | 1.29 | 48.5283 | 20.8418 | 9.8 | 5.3 | 119 | 0.0f | 11 | 7 | 141 | 0.20 | 1.33 | sx | BUD | 17001694 | BUD | | | | 229 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 4 BUD | 17001694 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.20 | 260.9 | Pg | 08:09:33.301 | 0.8 | | | | | T__ | | 345.7 | | --- | ML | 1.4 | 6715305 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.20 | 260.9 | Lg | 08:09:35.506 | -0.3 | | | | | T__ | | | | --- | | 6715306 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.24 | 259.3 | Pg | 08:09:33.746 | 0.5 | | | | | T__ | | 660.1 | | --- | ML | 1.8 | 6715303 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.24 | 259.3 | Lg | 08:09:36.270 | -0.9 | | | | | T__ | | | | --- | | 6715307 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.8 magdef=1
HU02A 0.46 207.6 Lg 08:09:44.938 -0.5 T__
PSZ 0.88 226.4 Pn 08:09:47.231 0.3 T__ 50.4 --- ML 1.7 6715304 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.88 226.4 Lg 08:09:58.420 -1.6 T__ --- 6715309 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 0.96 338.3 Pg 08:09:47.213 0.9 T__ 13.2 --- ML 1.2 6715311 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.96 338.3 Lg 08:09:58.098 -1.9 T__ --- 6715310 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KOLS 1.03 66.3 Lg 08:10:02.579 -1.4 T__ --- 6715312 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.33 269.3 Sn 08:10:11.510 -1.5 T__ --- 6715313 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/09 09:01:54.26 2.41 1.52 48.1692 21.3029 15.0 7.4 137 0.0f 10 8 110 0.13 1.68 kx BUD 17001696 BUD 215
2021/07/09 09:01:54.92 0.88 1.90 48.2470 21.2460f 0.0f 10 8 105 0.05 1.76 kx BUD_GT 17001697 BUD_GT 206
(locality : Tallya Hungary)
(GT info : GT2 explosion)

```

```
Magnitude Err Nsta Author OrigID
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.05 355.1 Pg 09:01:57.959 1.5 T__ 15599.3 --- ML 2.6 6715341 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 09:01:59.479 1.4 T__ --- 6715343 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
HU02A 0.50 255.8 Lg 09:02:12.858 -0.7 T__ --- 6715344 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.53 298.1 Pn 09:02:07.202 -2.6 T__ 68.2 --- ML 1.6 6715342 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 09:02:15.290 1.5 T__ --- 6715345 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.56 295.3 Lg 09:02:16.056 1.3 T__ --- 6715346 FDSN SK -- BUD iLoc EHN ??? _
PSZ 0.96 250.6 Lg 09:02:27.635 -2.0 T__ --- 6715348 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 44.4 Lg 09:02:26.905 -2.3 T__ --- 6715347 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.63 279.6 Lg 09:02:48.136 -2.4 T__ --- 6715350 FDSN SK -- BUD iLoc HHN ??? _
DRGR 1.76 145.2 Sn 09:02:48.554 -1.4 T__ --- 6715349 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/09 09:35:07.61 3.85 1.33 46.9416 22.3334 32.7 6.7 167 0.0f 6 3 265 0.30 1.58 sx BUD 17001702 BUD 313

```

```
Magnitude Err Nsta Author OrigID
ML 1.3 0.2 3 BUD 17001702
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
DRGR 0.30 119.9 Pg 09:35:14.027 0.2 T__ 162.8 --- ML 1.3 6715521 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.30 119.9 Lg 09:35:18.040 -1.0 T__ --- 6715522 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
SIRR 0.82 214.8 Pg 09:35:24.243 0.0 T__ 18.1 --- ML 1.2 6715523 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.82 214.8 Lg 09:35:35.067 -1.5 T__ --- 6715524 FDSN RO -- BUD iLoc HHN ??? _

```


(Reading ML: 1.2 magdef=1
 (Station ML: 1.2 magdef=1
 GZR 1.58 168.6 Pg 09:35:38.959 1.4 T__ 62.7 ___ ML 2.2 6715526 FDSN RO -- BUD iLoc HHZ HHZ _
 GZR 1.58 168.6 Sn 09:35:58.054 -0.1 T__ ___ 6715525 FDSN RO -- BUD iLoc HHN ??? _
 (Reading ML: 2.2 magdef=1
 (Station ML: 2.2 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/09 | 09:54:52.06 | 1.16 | 1.58 | 47.7969 | 19.1493 | 8.8 | 4.0 | 174 | 0.0f | | 12 | 8 | 177 | 0.10 | 1.16 | sx | BUD | 17001704 | BUD | | | 222 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.4 | 4 BUD | 17001704 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|------|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.10 | 298.8 | Pg | 09:54:55.961 | 1.4 | | | | | T__ | | 3896.9 | | ___ | ML | 2.2 | 6715587 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.10 | 298.8 | Lg | 09:54:56.384 | -0.5 | | | | | T__ | | | | ___ | | 6715588 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.32 | 70.4 | Lg | 09:55:04.214 | -0.2 | | | | | T__ | | | | ___ | | 6715580 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.52 | 76.1 | Lg | 09:55:10.945 | -0.7 | | | | | T__ | | | | ___ | | 6715590 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| HU09A | 0.54 | 253.3 | Lg | 09:55:09.766 | -2.6 | | | | | T__ | | | | ___ | | 6715581 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.73 | 343.4 | Pg | 09:55:07.342 | 0.4 | | | | | T__ | 15.8 | | | ___ | ML | 1.1 | 6715582 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.73 | 343.4 | Lg | 09:55:15.874 | -1.9 | | | | | T__ | | | | ___ | | 6715591 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.98 | 70.1 | Pn | 09:55:12.925 | 0.9 | | | | | T__ | | 37.6 | | ___ | ML | 1.6 | 6715589 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 70.1 | Lg | 09:55:25.435 | -2.4 | | | | | T__ | | | | ___ | | 6715583 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.13 | 52.0 | Sn | 09:55:30.475 | -0.9 | | | | | T__ | | | | ___ | | 6715584 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 1.16 | 52.6 | Pn | 09:55:15.897 | 1.4 | | | | | T__ | 24.0 | | | ___ | ML | 1.5 | 6715586 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.16 | 52.6 | Sn | 09:55:31.465 | -0.7 | | | | | T__ | | | | ___ | | 6715585 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/10 | 13:17:12.10 | 0.90 | 0.90 | 47.5913 | 16.3947 | 4.5 | 3.4 | 141 | 0.0f | | 17 | 12 | 68 | 0.13 | 1.15 | sx | BUD | 17001710 | BUD | | | 92 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.2 | 5 BUD | 17001710 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.13 | 328.5 | Pg | 13:17:14.982 | -0.0 | | | | | T__ | | 235.8 | | ___ | ML | 1.0 | 6725657 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.13 | 328.5 | Lg | 13:17:16.259 | -0.9 | | | | | T__ | | | | ___ | | 6725662 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.14 | 50.2 | Pg | 13:17:16.181 | 0.8 | | | | | T__ | 86.5 | | | ___ | ML | 0.6 | 6725656 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.14 | 50.2 | Lg | 13:17:18.188 | 0.4 | | | | | T__ | | | | ___ | | 6725663 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| AO11B | 0.35 | 238.4 | Pg | 13:17:18.489 | -0.6 | T__ | 40.6 | ___ | ML | 0.9 | 6725658 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| AO11B | 0.35 | 238.4 | Lg | 13:17:22.989 | -0.6 | T__ | | --- | | | 6725664 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CONA | 0.49 | 313.4 | Pg | 13:17:22.686 | 0.7 | T__ | 33.5 | ___ | ML | 1.2 | 6725659 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.49 | 313.4 | Lg | 13:17:28.159 | -0.5 | T__ | | --- | | | 6725665 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.68 | 240.4 | Lg | 13:17:33.913 | -0.0 | T__ | | --- | | | 6725666 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| MPLH | 0.88 | 118.0 | Lg | 13:17:41.812 | -1.1 | T__ | | --- | | | 6725660 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| AO19A | 0.90 | 261.2 | Lg | 13:17:41.324 | 0.2 | T__ | | --- | | | 6725667 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| AO18A | 0.90 | 280.2 | Pg | 13:17:30.733 | 1.1 | T__ | 29.2 | ___ | ML | 1.5 | 6725661 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| AO18A | 0.90 | 280.2 | Lg | 13:17:41.192 | 0.2 | T__ | | --- | | | 6725668 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.98 | 36.8 | Lg | 13:17:45.519 | -1.7 | T__ | | --- | | | 6725669 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| HU08A | 1.05 | 98.2 | Sn | 13:17:48.091 | -0.7 | T__ | | --- | | | 6725670 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| A263A | 1.14 | 146.2 | Lg | 13:17:50.853 | 0.6 | T__ | | --- | | | 6725672 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| KOGS | 1.15 | 185.0 | Lg | 13:17:50.572 | 1.4 | T__ | | --- | | | 6725671 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/12 | 08:46:04.15 | 0.99 | 1.35 | 47.8943 | 16.1112 | 6.8 | 3.8 | 27 | 0.0f | | 8 | 6 | 89 | 0.17 | 1.18 | sx | BUD | 17001716 | BUD | | | 153 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.17 | 281.6 | Pg | 08:46:08.228 | 0.4 | | | | | T__ | | 176.6 | | ___ | ML | 1.0 | 6732337 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.17 | 281.6 | Lg | 08:46:09.894 | -0.5 | | | | | T__ | | | | --- | | 6732336 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.23 | 147.3 | Pg | 08:46:09.385 | 0.3 | | | | | T__ | 44.3 | | | ___ | ML | 0.6 | 6732340 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.23 | 147.3 | Lg | 08:46:12.354 | -0.1 | | | | | T__ | | | | --- | | 6732339 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| AO13A | 0.50 | 289.9 | Lg | 08:46:20.179 | -0.3 | | | | | T__ | | | | --- | | 6732338 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.76 | 211.9 | Lg | 08:46:27.569 | -0.8 | | | | | T__ | | | | --- | | 6732341 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.92 | 58.0 | Lg | 08:46:36.476 | -0.5 | | | | | T__ | | | | --- | | 6732342 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.18 | 9.1 | Sn | 08:46:41.486 | -2.8 | | | | | T__ | | | | --- | | 6732343 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/07/12 | 09:05:11.06 | 1.41 | 1.22 | 48.5316 | 20.8285 | 8.8 | 5.3 | 15 | 0.0f | | 11 | 8 | 157 | 0.20 | 1.33 | sx | BUD | 17001718 | BUD | | | | | 221 |

Magnitude Err Nsta Author OrigID
ML 1.1 0.1 3 BUD 17001718

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.20 | 259.5 | Pg | 09:05:15.731 | 0.6 | | | | | T__ | 167.9 | | | ___ | ML | 1.1 | 6732370 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.20 | 259.5 | Lg | 09:05:18.255 | -0.2 | | | | | T__ | | | | --- | | 6732374 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KECS | 0.23 | 258.1 | Pg | 09:05:16.222 | 0.3 | T__ | 692.0 | ___ | ML | 1.8 | 6732371 | FDSN | SK | -- | BUD | iLoc | EHN | EHZ | _ |
| KECS | 0.23 | 258.1 | Lg | 09:05:19.627 | -0.1 | T__ | | --- | | | 6732375 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.36 | 130.6 | Lg | 09:05:24.703 | -0.2 | T__ | | --- | | | 6732376 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU02A | 0.46 | 206.4 | Pg | 09:05:21.499 | 0.7 | T__ | 26.7 | --- | ML | 1.0 | 6732372 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 206.4 | Lg | 09:05:27.945 | -0.3 | T__ | | --- | | | 6732377 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.88 | 225.9 | Lg | 09:05:41.148 | -1.5 | T__ | | --- | | | 6732378 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| HU03A | 1.03 | 233.1 | Lg | 09:05:46.359 | -1.3 | T__ | | --- | | | 6732380 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| KOLS | 1.04 | 66.7 | Lg | 09:05:45.354 | -1.7 | T__ | | --- | | | 6732379 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| VVHS | 1.33 | 269.1 | Sn | 09:05:53.680 | -2.0 | T__ | | --- | | | 6732373 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

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|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/07/12 | 09:08:08.25 | 0.85 | 1.09 | 48.8137 | 16.2484 | 5.2 | 3.3 | 116 | 0.0f | | 20 | 13 | 69 | 0.24 | 1.64 | sx | BUD | 17001720 | BUD | | | 110 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.6 | 0.1 | 8 BUD | 17001720 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| A001A | 0.24 | 110.5 | Lg | 09:08:15.593 | -1.6 | | | | | T__ | | | | | | 6732537 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ | |
| KRUC | 0.27 | 21.2 | Pg | 09:08:14.527 | 1.0 | | | | | T__ | 184.0 | | | _c | ML | 1.3 | 6732522 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.27 | 21.2 | Lg | 09:08:17.102 | -0.5 | | | | | T__ | | | | | | 6732524 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 0.54 | 24.5 | Pg | 09:08:19.277 | 0.6 | | | | | T__ | 15.4 | | | ___ | ML | 1.0 | 6732520 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 0.54 | 24.5 | Lg | 09:08:26.385 | -0.3 | | | | | T__ | | | | | | 6732525 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.60 | 221.9 | Pg | 09:08:19.520 | -0.2 | | | | | T__ | 63.6 | | | ___ | ML | 1.6 | 6732519 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TREC | 0.69 | 314.2 | Lg | 09:08:28.562 | -2.4 | | | | | T__ | | | | | | 6732538 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.81 | 122.4 | Lg | 09:08:35.279 | -2.0 | | | | | T__ | | | | | | 6732526 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 0.92 | 196.4 | Pg | 09:08:26.775 | 0.3 | | | | | T__ | 36.2 | | | ___ | ML | 1.6 | 6732528 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.92 | 196.4 | Lg | 09:08:39.023 | 0.5 | | | | | T__ | | | | | | 6732527 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.94 | 217.1 | Pg | 09:08:26.775 | 0.4 | | | | | T__ | 58.1 | | | ___ | ML | 1.8 | 6732529 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.94 | 217.1 | Lg | 09:08:39.803 | 1.3 | | | | | T__ | | | | | | 6732530 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.12 | 178.3 | Pg | 09:08:29.896 | -0.4 | | | | | T__ | 27.8 | | | ___ | ML | 1.6 | 6732532 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.12 | 178.3 | Lg | 09:08:45.186 | 0.4 | | | | | T__ | | | | | | 6732531 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.28 | 271.0 | Lg | 09:08:48.618 | -1.3 | | | | | T__ | | | | | | 6732534 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| MORC | 1.28 | 40.8 | Pg | 09:08:33.013 | 0.9 | | | | | T__ | 42.1 | | | ___ | ML | 1.8 | 6732523 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.28 | 40.8 | Lg | 09:08:49.944 | 0.0 | | | | | T__ | | | | | | 6732533 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| A011B | 1.42 | 188.0 | Pn | 09:08:34.601 | -0.3 | T__ | 29.4 | --- | ML | 1.8 | 6732521 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 1.42 | 188.0 | Lg | 09:08:54.313 | 0.7 | T__ | | --- | | | 6732535 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.64 | 197.6 | Sn | 09:09:00.398 | 0.7 | T__ | | --- | | | 6732536 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/12 | 09:29:37.33 | 1.26 | 1.04 | 48.4354 | 20.8147 | 7.7 | 4.8 | 45 | 0.0f | 8 | 5 | 187 | 0.19 | 0.80 | sx | BUD | 17001722 | BUD | | | | 283 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.0 | 3 BUD | 17001722 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 288.3 | Pg | 09:29:42.005 | 0.6 | | | | | T__ | | 336.0 | | _c | ML | 1.4 | 6732574 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 288.3 | Lg | 09:29:43.883 | -0.7 | | | | | T__ | | | | --- | | 6732577 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 282.4 | Pg | 09:29:42.534 | 0.5 | | | | | T__ | | 283.4 | | --- | ML | 1.4 | 6732575 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.22 | 282.4 | Lg | 09:29:44.927 | -0.8 | | | | | T__ | | | | --- | | 6732581 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.32 | 116.0 | Lg | 09:29:48.677 | -1.0 | | | | | T__ | | | | --- | | 6732580 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.37 | 211.8 | Pg | 09:29:46.050 | 0.8 | | | | | T__ | | 32.8 | | --- | ML | 0.8 | 6732579 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.37 | 211.8 | Lg | 09:29:50.915 | -0.5 | | | | | T__ | | | | --- | | 6732578 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.80 | 230.3 | Lg | 09:30:05.198 | -1.4 | | | | | T__ | | | | --- | | 6732576 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/12 | 10:16:10.20 | 1.74 | 0.47 | 48.7871 | 21.1410 | 13.5 | 7.4 | 163 | 0.0f | 9 | 6 | 203 | 0.49 | 1.20 | sx | BUD | 17001724 | BUD | | | | 297 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.3 | 3 BUD | 17001724 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.49 | 234.1 | Pg | 10:16:20.467 | 0.4 | | | | | T__ | | 32.9 | | --- | ML | 1.2 | 6732652 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.49 | 234.1 | Lg | 10:16:27.763 | 0.2 | | | | | T__ | | | | --- | | 6732653 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.50 | 172.4 | Lg | 10:16:28.730 | 0.1 | | | | | T__ | | | | --- | | 6732658 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KECS | 0.53 | 235.3 | Pg | 10:16:20.623 | -0.2 | | | | | T__ | | 166.5 | | --- | ML | 2.0 | 6732655 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.53 | 235.3 | Lg | 10:16:28.544 | -0.3 | | | | | T__ | | | | --- | | 6732654 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.76 | 78.5 | Lg | 10:16:37.016 | -0.1 | | | | | T__ | | | | --- | | 6732660 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 0.78 | 211.9 | Pg | 10:16:26.251 | -0.1 | | | | | T__ | | 30.6 | | --- | ML | 1.4 | 6732656 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.78 | 211.9 | Lg | 10:16:38.423 | -0.0 | | | | | T__ | | | | --- | | 6732659 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.20 | 224.2 | Sn | 10:16:50.953 | -1.0 | | | | | T__ | | | | --- | | 6732657 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/12 | 11:18:37.70 | 1.01 | 0.88 | 48.3290 | 19.8563 | 6.2 | 3.6 | 140 | 0.0f | | 10 | 6 | 145 | 0.41 | 0.70 | sx | BUD | 17001726 | BUD | | | 227 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 4 BUD | 17001726 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.41 | 176.4 | Pg | 11:18:47.324 | 0.5 | | | | | T__ | | 122.6 | | ___ | ML | 1.5 | 6732689 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.41 | 176.4 | Lg | 11:18:52.699 | -0.8 | | | | | T__ | | | | --- | | 6732694 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.45 | 69.6 | Pg | 11:18:47.585 | 0.8 | | | | | T__ | | 122.0 | | ___ | ML | 1.6 | 6732691 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.45 | 69.6 | Lg | 11:18:53.389 | -0.3 | | | | | T__ | | | | --- | | 6732690 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.46 | 202.1 | Pg | 11:18:48.261 | 0.8 | | | | | T__ | | 59.9 | | ___ | ML | 1.4 | 6732693 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.46 | 202.1 | Lg | 11:18:53.915 | -0.6 | | | | | T__ | | | | --- | | 6732695 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.48 | 69.6 | Pg | 11:18:47.585 | 0.1 | | | | | T__ | | 77.7 | | ___ | ML | 1.5 | 6732692 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.48 | 69.6 | Lg | 11:18:54.524 | -0.4 | | | | | T__ | | | | --- | | 6732696 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.49 | 114.6 | Lg | 11:18:54.929 | -1.2 | | | | | T__ | | | | --- | | 6732697 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 0.70 | 284.0 | Lg | 11:19:01.214 | -1.0 | | | | | T__ | | | | --- | | 6732698 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/12 | 13:21:53.30 | 0.99 | 0.77 | 45.8867 | 22.7341 | 11.9 | 5.1 | 101 | 10.4 | 14.9 | 10 | 6 | 92 | 0.12 | 0.91 | ke | BUD | 17001728 | BUD | | | 154 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.1 | 4 BUD | 17001728 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.12 | 91.6 | Pg | 13:21:56.385 | 0.2 | | | | | T__ | | 1432.2 | | _d | ML | 1.8 | 6732778 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.12 | 91.6 | Lg | 13:21:57.991 | -0.3 | | | | | T__ | | | | --- | | 6732771 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.49 | 176.5 | Pg | 13:22:03.591 | 0.6 | | | | | T__ | | 191.2 | | ___ | ML | 2.0 | 6732770 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.49 | 176.5 | Lg | 13:22:09.861 | -0.4 | | | | | T__ | | | | --- | | 6732779 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.83 | 251.4 | Pg | 13:22:09.359 | -0.1 | | | | | T__ | | 26.9 | | ___ | ML | 1.4 | 6732773 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.83 | 251.4 | Lg | 13:22:20.049 | -0.5 | | | | | T__ | | | | --- | | 6732777 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.84 | 297.4 | Lg | 13:22:20.947 | -0.4 | | | | | T__ | | | | --- | | 6732772 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 0.85 | 120.8 | Lg | 13:22:20.731 | -1.5 | | | | | T__ | | | | --- | | 6732774 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| DRGR | 0.91 | 359.0 | Pg | 13:22:11.699 | 0.5 | | | | | T__ | | 91.6 | | ___ | ML | 2.0 | 6732776 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.91 | 359.0 | Lg | 13:22:23.407 | -0.4 | | | | | T__ | | | | --- | | 6732775 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 2.0 magdef=1
 (Station ML: 2.0 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/12 | 16:03:40.38 | 1.23 | 1.08 | 47.5806 | 16.4205 | 7.6 | 4.6 | 131 | 0.0f | | 9 | 7 | 199 | 0.14 | 1.48 | sx | BUD | 17001732 | BUD | | | 263 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SOP | 0.14 | 42.2 | Lg | 16:03:47.522 | 1.6 | | | | | T__ | | | | | | 6732835 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.15 | 324.9 | Pg | 16:03:43.614 | -0.0 | | | | | T__ | 199.9 | | | _c_ | ML | 1.0 | 6732833 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.15 | 324.9 | Lg | 16:03:45.542 | -0.5 | | | | | T__ | | | | | | 6732834 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.36 | 241.4 | Pg | 16:03:47.444 | -0.1 | | | | | T__ | 25.9 | | | ___ | ML | 0.7 | 6732837 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.36 | 241.4 | Lg | 16:03:51.874 | -0.3 | | | | | T__ | | | | | | 6732836 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.51 | 312.9 | Lg | 16:03:58.440 | 0.9 | | | | | T__ | | | | | | 6732838 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| A013A | 0.84 | 305.6 | Lg | 16:04:07.768 | 0.4 | | | | | T__ | | | | | | 6732839 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| MODS | 0.98 | 35.6 | Lg | 16:04:13.762 | -1.7 | | | | | T__ | | | | | | 6732840 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| KRUC | 1.48 | 359.4 | Sn | 16:04:28.405 | 0.6 | | | | | T__ | | | | | | 6732841 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/13 | 07:57:44.26 | 1.68 | 0.33 | 48.5234 | 20.8187 | 15.4 | 4.4 | 14 | 0.0f | | 6 | 4 | 227 | 0.19 | 0.45 | sx | BUD | 17001736 | BUD | | | 304 |

Magnitude Err Nsta Author OrigID
 ML 0.9 0.4 3 BUD 17001736

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 261.6 | Pg | 07:57:48.286 | 0.1 | | | | | T__ | | 37.0 | | ___ | ML | 0.4 | 6735819 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 261.6 | Lg | 07:57:51.345 | 0.0 | | | | | T__ | | | | | | 6735820 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 259.8 | Pg | 07:57:49.184 | 0.2 | | | | | T__ | 160.6 | | | ___ | ML | 1.1 | 6735822 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 259.8 | Lg | 07:57:52.117 | -0.5 | | | | | T__ | | | | | | 6735821 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.36 | 128.9 | Pg | 07:57:51.808 | 0.0 | | | | | T__ | 36.4 | | | ___ | ML | 0.9 | 6735823 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.45 | 206.1 | Lg | 07:58:01.071 | 0.0 | | | | | T__ | | | | | | 6735824 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/13 | 08:31:41.57 | 1.41 | 1.49 | 48.5926 | 20.8548 | 7.6 | 6.1 | 45 | 0.0f | | 10 | 6 | 162 | 0.23 | 0.93 | sx | BUD | 17001738 | BUD | | | 252 |

Magnitude Err Nsta Author OrigID
 ML 1.2 0.3 4 BUD 17001738

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| JOS | 0.23 | 245.3 | Pg | 08:31:47.373 | 1.0 | | | | | T__ | | 31.4 | | --- | ML | 0.4 | 6735852 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.23 | 245.3 | Lg | 08:31:49.998 | -0.1 | | | | | T__ | | | | --- | | 6735856 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.27 | 246.1 | Pg | 08:31:48.145 | 1.0 | | | | | T__ | | 179.2 | | --- | ML | 1.3 | 6735853 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 0.27 | 246.1 | Lg | 08:31:51.387 | -0.0 | | | | | T__ | | | | --- | | 6735857 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.39 | 139.0 | Lg | 08:31:57.482 | 1.0 | | | | | T__ | | | | --- | | 6735861 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |
| HU02A | 0.52 | 205.2 | Pg | 08:31:52.157 | -0.4 | | | | | T__ | | 26.5 | | --- | ML | 1.2 | 6735854 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.52 | 205.2 | Lg | 08:31:59.415 | -1.4 | | | | | T__ | | | | --- | | 6735858 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.90 | 336.3 | Lg | 08:32:09.343 | -2.1 | | | | | T__ | | | | --- | | 6735860 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | | |
| PSZ | 0.93 | 223.9 | Pn | 08:32:00.184 | -0.8 | | | | | T__ | | 35.1 | | --- | ML | 1.6 | 6735855 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 0.93 | 223.9 | Lg | 08:32:12.845 | -2.2 | | | | | T__ | | | | --- | | 6735859 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/13 | 10:00:57.11 | 0.93 | 0.75 | 48.1370 | 16.9319 | 16.6 | 3.5 | 141 | 0.0f | | 8 | 5 | 162 | 0.13 | 1.30 | sx | BUD | 17001742 | BUD | | | 180 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| ZST | 0.13 | 62.6 | Pg | 10:01:00.818 | 0.5 | | | | | T__ | | | | --- | | 6735927 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| ZST | 0.13 | 62.6 | Lg | 10:01:02.415 | -0.6 | | | | | T__ | | | | --- | | 6735926 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| MODS | 0.33 | 44.1 | Pg | 10:01:04.718 | 0.4 | | | | | T__ | | | | --- | | 6735928 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| MODS | 0.33 | 44.1 | Lg | 10:01:08.812 | -1.2 | | | | | T__ | | | | --- | | 6735925 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| RONA | 0.61 | 224.6 | Pg | 10:01:09.275 | -0.1 | | | | | T__ | | 29.6 | | --- | ML | 1.3 | 6735929 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.61 | 224.6 | Lg | 10:01:17.121 | -0.5 | | | | | T__ | | | | --- | | 6735930 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.75 | 254.2 | Lg | 10:01:21.820 | 0.0 | | | | | T__ | | | | --- | | 6735931 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| ARSA | 1.30 | 227.5 | Lg | 10:01:39.016 | 0.5 | | | | | T__ | | | | --- | | 6735932 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/13 | 11:12:59.32 | 1.22 | 0.55 | 47.8745 | 16.0903 | 10.3 | 3.6 | 38 | 0.0f | | 9 | 7 | 131 | 0.16 | 1.21 | sx | BUD | 17001744 | BUD | | | 208 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| CONA | 0.16 | 289.4 | Pg | 11:13:02.889 | 0.1 | | | | | T__ | | 98.0 | | --- | ML | 0.7 | 6736895 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CONA | 0.16 | 289.4 | Lg | 11:13:04.742 | -0.5 | | | | | T__ | | | | --- | | 6736894 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.22 | 141.5 | Pg | 11:13:04.360 | 0.3 | | | | | T__ | | 56.9 | | --- | ML | 0.7 | 6736896 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.22 | 141.5 | Lg | 11:13:06.676 | -0.7 | | | | | T__ | | | | --- | | 6736897 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 0.7 magdef=1
A011B 0.47 190.9 Lg 11:13:14.885 0.1 T__ --- 6736898 FDSN Z3 00 BUD iLoc HH2 ??? _
A013A 0.50 292.6 Lg 11:13:15.825 0.4 T__ --- 6736899 FDSN Z3 00 BUD iLoc HHE ??? _
A018A 0.70 259.5 Lg 11:13:21.362 -0.2 T__ --- 6736900 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.73 211.8 Lg 11:13:22.478 -0.3 T__ --- 6736901 FDSN OE -- BUD iLoc HHE ??? _
KRUC 1.21 9.6 Sn 11:13:39.148 -0.8 T__ --- 6736902 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/14 07:10:26.98 1.51 1.08 46.1167 18.0313 13.2 6.4 142 0.0f 7 4 125 0.06 1.11 sx BUD 17001746 BUD 221

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.4 3 BUD 17001746

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.06 120.7 Pg 07:10:29.417 0.6 T__ 1202.7 --- ML 1.5 6738797 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.06 120.7 Lg 07:10:29.842 -0.7 T__ --- 6738798 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A273A 0.25 216.9 Lg 07:10:35.665 -0.8 T__ --- 6738799 FDSN Z3 00 BUD iLoc HHN ??? _
MORH 0.44 76.8 Pg 07:10:36.625 0.5 T__ 41.7 --- ML 1.1 6738796 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.44 76.8 Lg 07:10:42.028 -1.2 T__ --- 6738795 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MPLH 1.11 342.4 Pn 07:10:48.716 0.1 T__ 52.6 --- ML 1.8 6738801 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 1.11 342.4 Sn 07:11:03.922 -1.2 T__ --- 6738800 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/14 08:08:48.90 1.39 1.17 48.5607 20.8378 7.6 5.7 40 0.0f 9 6 156 0.21 0.93 sx BUD 17001748 BUD 242

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.3 3 BUD 17001748

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.21 252.0 Pg 08:08:54.219 1.0 T__ 104.6 --- ML 0.9 6738913 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.21 252.0 Lg 08:08:56.226 -0.4 T__ --- 6738915 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KECS 0.25 251.8 Pg 08:08:54.528 0.5 T__ 130.8 --- ML 1.1 6738917 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.25 251.8 Lg 08:08:57.307 -0.7 T__ --- 6738916 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ABAH 0.38 134.5 Lg 08:09:02.710 -0.6 T__ --- 6738918 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.49 205.6 Pg 08:08:59.777 0.6 T__ 95.6 --- ML 1.6 6738914 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.49 205.6 Lg 08:09:06.260 -0.8 T__ --- 6738919 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 0.90 224.8 Lg 08:09:19.536 -1.8 T__ --- 6738920 FDSN GE -- BUD iLoc HHN ??? _
NIE 0.93 337.8 Lg 08:09:18.302 -1.3 T__ --- 6738921 FDSN PL -- BUD iLoc BHN ??? _

```


| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/14 | 09:37:27.53 | 1.14 | 1.29 | 48.7629 | 21.1430 | 8.7 | 4.2 | 157 | 0.0f | | 12 | 6 | 199 | 0.47 | 1.19 | sx | BUD | 17001752 | BUD | | | 294 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.1 | 5 BUD | 17001752 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.47 | 172.1 | Pg | 09:37:37.909 | 0.8 | | | | | T__ | | 183.3 | | ___ | ML | 1.9 | 6739024 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.47 | 172.1 | Lg | 09:37:44.824 | -0.3 | | | | | T__ | | | | --- | | 6739025 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.48 | 236.5 | Pg | 09:37:37.830 | 0.7 | | | | | T__ | | 63.1 | | ___ | ML | 1.4 | 6739022 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.48 | 236.5 | Lg | 09:37:44.021 | -0.5 | | | | | T__ | | | | --- | | 6739026 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.52 | 237.6 | Pg | 09:37:38.367 | 0.4 | | | | | T__ | | 164.0 | | ___ | ML | 2.0 | 6739023 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.52 | 237.6 | Lg | 09:37:45.524 | -0.3 | | | | | T__ | | | | --- | | 6739027 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.76 | 212.9 | Pg | 09:37:43.027 | -0.2 | | | | | T__ | | 50.1 | | ___ | ML | 1.6 | 6739029 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.76 | 212.9 | Lg | 09:37:53.583 | -1.5 | | | | | T__ | | | | --- | | 6739033 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.77 | 76.7 | Pg | 09:37:42.882 | 0.7 | | | | | T__ | | | | --- | | 6739028 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.77 | 76.7 | Lg | 09:37:51.561 | -3.0 | | | | | T__ | | | | --- | | 6739032 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.19 | 225.1 | Pn | 09:37:50.446 | -0.1 | | | | | T__ | | 62.7 | | --- | ML | 2.0 | 6739031 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.19 | 225.1 | Sn | 09:38:07.653 | -1.2 | | | | | T__ | | | | --- | | 6739030 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/14 | 10:40:21.34 | 2.34 | 0.34 | 47.9146 | 16.0616 | 28.6 | 4.1 | 27 | 0.0f | | 5 | 3 | 227 | 0.14 | 0.68 | sx | BUD | 17001754 | BUD | | | 340 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.14 | 275.9 | Pg | 10:40:24.433 | 0.2 | | | | | T__ | | 34.2 | | ___ | ML | 0.2 | 6739106 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.14 | 275.9 | Lg | 10:40:25.977 | -0.4 | | | | | T__ | | | | --- | | 6739107 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.27 | 143.6 | Pg | 10:40:26.991 | 0.1 | | | | | T__ | | 32.3 | | ___ | ML | 0.6 | 6739109 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.27 | 143.6 | Lg | 10:40:30.696 | -0.1 | | | | | T__ | | | | --- | | 6739110 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.68 | 255.9 | Lg | 10:40:43.344 | 0.1 | | | | | T__ | | | | --- | | 6739108 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/14 | 10:48:13.86 | 0.92 | 0.81 | 48.4070 | 19.5577 | 6.2 | 3.6 | 7 | 0.0f | | 12 | 7 | 125 | 0.49 | 1.13 | sx | BUD | 17001756 | BUD | | | 230 |

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 5 BUD 17001756

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| VYHS | 0.49 | 280.5 | Pg | 10:48:24.322 | 0.4 | | | | | T__ | | 13.4 | | --- | ML | 0.8 6739145 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.49 | 280.5 | Lg | 10:48:30.488 | -0.7 | | | | | T__ | | | | --- | | 6739146 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.54 | 155.1 | Lg | 10:48:33.576 | -0.4 | | | | | T__ | | | | --- | | 6739147 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| KECS | 0.62 | 82.6 | Pg | 10:48:26.668 | 0.3 | | | | | T__ | | 88.0 | | --- | ML | 1.8 6739141 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.62 | 82.6 | Lg | 10:48:35.313 | -0.5 | | | | | T__ | | | | --- | | 6739140 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.66 | 81.9 | Pg | 10:48:27.595 | 0.6 | | | | | T__ | | 45.9 | | --- | ML | 1.5 6739138 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.66 | 81.9 | Lg | 10:48:36.857 | -0.2 | | | | | T__ | | | | --- | | 6739139 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.71 | 113.4 | Pg | 10:48:29.447 | 0.9 | | | | | T__ | | 40.2 | | --- | ML | 1.5 6739142 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.71 | 113.4 | Lg | 10:48:38.110 | -1.5 | | | | | T__ | | | | --- | | 6739143 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.12 | 25.5 | Pg | 10:48:35.640 | 0.6 | | | | | T__ | | 12.3 | | --- | ML | 1.2 6739144 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.12 | 25.5 | Lg | 10:48:50.557 | -0.9 | | | | | T__ | | | | --- | | 6739148 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 1.13 | 95.0 | Sn | 10:48:52.718 | -0.3 | | | | | T__ | | | | --- | | 6739149 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/14 | 11:20:05.26 | 1.19 | 0.34 | 47.8691 | 16.0680 | 10.5 | 3.9 | 38 | 0.0f | | 8 | 6 | 127 | 0.15 | 1.51 | sx | BUD | 17001758 | BUD | | | 187 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| CONA | 0.15 | 293.2 | Pg | 11:20:08.709 | 0.2 | | | | | T__ | | 191.3 | | --- | ML | 1.0 6739176 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.15 | 293.2 | Lg | 11:20:10.407 | -0.4 | | | | | T__ | | | | --- | | 6739177 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.23 | 137.7 | Pg | 11:20:10.315 | 0.2 | | | | | T__ | | 104.9 | | --- | ML | 1.0 6739180 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.23 | 137.7 | Lg | 11:20:13.171 | -0.3 | | | | | T__ | | | | --- | | 6739179 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.47 | 189.1 | Lg | 11:20:20.127 | -0.3 | | | | | T__ | | | | --- | | 6739181 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| ARSA | 0.72 | 211.0 | Lg | 11:20:28.387 | 0.1 | | | | | T__ | | | | --- | | 6739182 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| KRUC | 1.21 | 10.2 | Sn | 11:20:45.776 | -0.3 | | | | | T__ | | | | --- | | 6739183 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| CKRC | 1.51 | 309.7 | Sn | 11:20:53.653 | -0.0 | | | | | T__ | | | | --- | | 6739178 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/15 | 06:57:00.06 | 2.71 | 0.48 | 46.7752 | 22.7691 | 26.1 | 13.0 | 49 | 0.0f | | 8 | 5 | 219 | 0.04 | 1.50 | sx | BUD | 17001760 | BUD | | | 275 |

Magnitude Err Nsta Author OrigID
 ML 1.8 0.0 3 BUD 17001760

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| DRGR | 0.04 | 292.4 | Pg | 06:57:01.420 | 0.1 | | | | | T__ | | 266.0 | | --- | ML | 0.8 6739640 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.04 | 292.4 | Lg | 06:57:02.501 | -0.1 | | | | | T__ | | | | --- | | 6739639 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.92 | 236.9 | Lg | 06:57:31.913 | -0.0 | | | | | T__ | | | | --- | | 6739641 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ |
| GZR | 1.38 | 179.8 | Pn | 06:57:26.269 | 0.2 | | | | | T__ | | 31.8 | | --- | ML | 1.8 6739642 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.38 | 179.8 | Sn | 06:57:45.797 | -0.1 | | | | | T__ | | | | --- | | 6739636 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.41 | 215.1 | Sn | 06:57:46.398 | 0.4 | | | | | T__ | | | | --- | | 6739643 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| LOT | 1.50 | 152.0 | Pn | 06:57:27.666 | -0.3 | | | | | T__ | | 27.6 | | --- | ML | 1.8 6739638 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.50 | 152.0 | Sn | 06:57:48.352 | -0.9 | | | | | T__ | | | | --- | | 6739637 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/07/15 07:14:19.50 1.62 1.22 48.9477 20.7042 15.5 5.8 78 0.0f 8 6 180 0.47 1.16 sx BUD 17001762 BUD 303

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| JOS | 0.47 | 193.6 | Pg | 07:14:29.706 | 0.9 | | | | | T__ | | 63.2 | | --- | ML | 1.4 6739681 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.47 | 193.6 | Lg | 07:14:35.727 | -0.1 | | | | | T__ | | | | --- | | 6739684 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.49 | 197.4 | Pg | 07:14:29.741 | 0.5 | | | | | T__ | | 83.5 | | --- | ML | 1.6 6739683 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.49 | 197.4 | Lg | 07:14:36.456 | -0.2 | | | | | T__ | | | | --- | | 6739682 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.54 | 330.7 | Lg | 07:14:36.810 | -0.7 | | | | | T__ | | | | --- | | 6739688 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| ABAH | 0.74 | 151.2 | Lg | 07:14:45.239 | -1.2 | | | | | T__ | | | | --- | | 6739685 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU02A | 0.83 | 188.3 | Lg | 07:14:48.183 | -1.3 | | | | | T__ | | | | --- | | 6739686 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| PSZ | 1.16 | 207.9 | Lg | 07:14:58.345 | -1.6 | | | | | T__ | | | | --- | | 6739687 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/07/15 07:43:14.40 1.38 0.87 47.3182 18.3721 11.6 5.5 77 0.0f 7 6 111 0.09 1.24 sx BUD 17001764 BUD 172

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| CSKK | 0.09 | 300.7 | Pg | 07:43:17.423 | 0.6 | | | | | T__ | | 913.3 | | --- | ML | 1.5 6739719 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 300.7 | Lg | 07:43:18.118 | -1.1 | | | | | T__ | | | | --- | | 6739720 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.32 | 1.2 | Lg | 07:43:26.564 | -0.6 | | | | | T__ | | | | --- | | 6739721 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.12 | 170.3 | Lg | 07:43:52.222 | -0.7 | | | | | T__ | | | | --- | | 6739722 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| PSZ | 1.19 | 59.2 | Sn | 07:43:55.536 | -0.2 | T__ | --- | 6739724 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.22 | 14.7 | Sn | 07:43:55.828 | -0.6 | T__ | --- | 6739725 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| KOVH | 1.24 | 188.8 | Sn | 07:43:55.823 | -0.4 | T__ | --- | 6739723 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/15 | 08:34:51.18 | 1.18 | 1.17 | 48.5389 | 20.8242 | 6.2 | 5.2 | 23 | 0.0f | | 14 | 11 | 88 | 0.19 | 1.81 | sx | BUD | 17001768 | BUD | | | 130 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.3 | 3 BUD | 17001768 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 257.3 | Pg | 08:34:55.973 | 0.7 | | | | | T__ | | 395.8 | | --- | ML | 1.4 | 6739807 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 257.3 | Lg | 08:34:58.288 | -0.2 | | | | | T__ | | | | --- | | 6739809 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 256.2 | Pg | 08:34:56.850 | 0.8 | | | | | T__ | | 922.4 | | --- | ML | 1.9 | 6739811 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 256.2 | Lg | 08:34:59.166 | -0.6 | | | | | T__ | | | | --- | | 6739810 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 131.1 | Lg | 08:35:05.189 | -0.1 | | | | | T__ | | | | --- | | 6739812 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.46 | 205.7 | Pg | 08:35:01.624 | 0.6 | | | | | T__ | | 42.1 | | --- | ML | 1.2 | 6739806 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 205.7 | Lg | 08:35:07.799 | -0.7 | | | | | T__ | | | | --- | | 6739808 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.88 | 225.4 | Lg | 08:35:21.461 | -1.4 | | | | | T__ | | | | --- | | 6739813 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.95 | 338.8 | Lg | 08:35:21.420 | -1.1 | | | | | T__ | | | | --- | | 6739814 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU03A | 1.04 | 232.6 | Lg | 08:35:26.363 | -1.4 | | | | | T__ | | | | --- | | 6739816 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 1.04 | 67.1 | Lg | 08:35:25.559 | -1.6 | | | | | T__ | | | | --- | | 6739815 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| TRPA | 1.22 | 109.0 | Sn | 08:35:31.658 | -1.3 | | | | | T__ | | | | --- | | 6739817 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.32 | 268.8 | Sn | 08:35:34.029 | -1.7 | | | | | T__ | | | | --- | | 6739818 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| OJC | 1.81 | 338.7 | Sn | 08:35:47.744 | -0.4 | | | | | T__ | | | | --- | | 6739819 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/07/15 | 09:14:55.07 | 1.02 | 1.06 | 48.4051 | 17.2909 | 7.8 | 3.2 | 100 | 0.0f | | 12 | 8 | 167 | 0.03 | 1.38 | sx | BUD | 17001770 | BUD | | | | | 194 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 3 BUD | 17001770 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.03 | 196.0 | Pg | 09:14:56.310 | -0.1 | | | | | T__ | | | | _c_ | | 6739880 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.03 | 196.0 | Lg | 09:14:57.858 | 0.0 | | | | | T__ | | | | --- | | 6739881 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.52 | 28.9 | Lg | 09:15:14.144 | -0.2 | | | | | T__ | | | | --- | | 6739882 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| KRUC | 0.89 | 318.3 | Pg | 09:15:12.572 | 0.5 | | | | | T__ | | 22.8 | | --- | ML | 1.4 | 6739883 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.89 | 318.3 | Lg | 09:15:24.501 | -0.6 | | | | | T__ | | | | --- | | 6739879 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.97 | 223.8 | Pg | 09:15:13.763 | -0.6 | | | | | T__ | | 30.9 | | --- | ML | 1.5 | 6739884 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.97 | 223.8 | Lg | 09:15:26.620 | -0.4 | | | | | T__ | | | | --- | | 6739885 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|--|--|--|--|-----|--|------|--|--|---------|------|----|----|-----|------|-----|-----|---|
| VRAC | 1.01 | 333.3 | Lg | 09:15:27.238 | -2.0 | | | | | T__ | | | | | 6739876 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| CONA | 1.07 | 244.0 | Lg | 09:15:32.023 | 2.0 | | | | | T__ | | | | | 6739877 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| A013A | 1.31 | 255.5 | Sn | 09:15:38.695 | 0.2 | | | | | T__ | | | | | 6739878 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| MORC | 1.38 | 6.8 | Pg | 09:15:21.526 | 0.7 | | | | | T__ | | 30.5 | | | 6739887 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.38 | 6.8 | Lg | 09:15:40.640 | 0.6 | | | | | T__ | | | | | 6739886 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |

(Reading ML: 1.8 magdef=1)
 (Station ML: 1.8 magdef=1)

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/07/15 | 12:32:56.47 | 1.04 | 0.68 | 47.8589 | 16.0643 | 11.7 | 3.8 | 34 | 0.0f | | 7 | 4 | 125 | 0.15 | 1.22 | sx | BUD | 17001780 | BUD | | | 250 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 0.5 | 0.1 | 3 BUD | 17001780 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| CONA | 0.15 | 297.1 | Pg | 12:32:59.830 | 0.1 | | | | | T__ | | 64.0 | | | ML | 0.5 | 6740127 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.15 | 297.1 | Lg | 12:33:01.682 | -0.4 | | | | | T__ | | | | | | 6740126 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 0.5 magdef=1)
 (Station ML: 0.5 magdef=1)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|--|--|--|--|-----|--|------|--|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| RONA | 0.22 | 135.4 | Pg | 12:33:01.373 | 0.2 | | | | | T__ | | 33.9 | | | ML | 0.5 | 6740128 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.22 | 135.4 | Lg | 12:33:04.152 | -0.4 | | | | | T__ | | | | | | 6740129 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 0.5 magdef=1)
 (Station ML: 0.5 magdef=1)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|--|--|--|--|-----|--|------|--|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| A018A | 0.68 | 260.5 | Lg | 12:33:18.355 | 0.3 | | | | | T__ | | | | | | 6740130 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.22 | 10.2 | Pg | 12:33:20.361 | 0.4 | | | | | T__ | | 25.1 | | | ML | 1.6 | 6740132 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.22 | 10.2 | Sn | 12:33:36.416 | -1.1 | | | | | T__ | | | | | | 6740131 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.6 magdef=1)
 (Station ML: 1.6 magdef=1)

| | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
| 2021/07/15 | 12:54:13.17 | 0.90 | 1.18 | 48.2480 | 21.2365 | 4.9 | 3.8 | 170 | 0.0f | | 22 | 13 | 65 | 0.05 | 1.62 | kx | BUD | 17001782 | BUD | | | | 107 |
| 2021/07/15 | 12:54:12.98 | 0.86 | 0.97 | 48.2470 | 21.2460f | | | | 0.0f | | 22 | 13 | 65 | 0.05 | 1.63 | kx | BUD_GT | 17001783 | BUD_GT | | | | 107 |

(locality : Tallya Hungary)
 (GT info : GT2 explosion)

| | | | | |
|-----------|-----|------|----------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 2.0 | 0.2 | 8 BUD_GT | 17001783 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| ABAH | 0.05 | 355.1 | Pg | 12:54:14.870 | 0.3 | | | | | T__ | | 9107.8 | | | ML | 2.4 | 6740187 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 12:54:15.334 | -0.8 | | | | | T__ | | | | | | 6740186 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 2.4 magdef=1)
 (Station ML: 2.4 magdef=0)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|--|--|--|--|-----|--|-------|--|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| HU02A | 0.50 | 255.8 | Pg | 12:54:23.978 | 0.4 | | | | | T__ | | 115.5 | | | ML | 1.7 | 6740189 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 12:54:30.771 | -0.9 | | | | | T__ | | | | | | 6740188 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.7 magdef=1)
 (Station ML: 1.7 magdef=1)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|--|--|--|--|-----|--|------|--|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| HU07A | 0.52 | 120.5 | Lg | 12:54:31.852 | -1.0 | | | | | T__ | | | | | | 6740192 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.53 | 298.1 | Pg | 12:54:24.596 | 0.9 | | | | | T__ | | 84.0 | | | ML | 1.7 | 6740191 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 12:54:30.925 | -1.0 | | | | | T__ | | | | | | 6740190 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.56 295.3 Pg 12:54:25.213 1.0 T__ 168.4 ___ ML 2.0 6740194 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 295.3 Lg 12:54:32.315 -0.5 T__ ___ 6740193 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU05A 0.70 186.1 Lg 12:54:39.060 -0.1 T__ ___ 6740175 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 0.87 97.2 Pg 12:54:30.723 0.7 T__ ___ ML 2.1 6740176 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.87 97.2 Lg 12:54:43.121 -1.3 T__ ___ 6740195 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU23A 0.90 228.1 Lg 12:54:45.234 -0.3 T__ ___ 6740179 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.96 250.6 Pn 12:54:32.576 -0.2 T__ ___ ML 1.9 6740181 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.96 250.6 Lg 12:54:45.543 -2.2 T__ ___ 6740180 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 0.97 44.4 Pn 12:54:33.193 0.3 T__ ___ 6740178 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.97 44.4 Lg 12:54:45.543 -1.7 T__ ___ 6740177 FDSN SK -- BUD iLoc HHN ??? _
HU03A 1.16 253.3 Pg 12:54:36.590 -0.3 T__ ___ ML 2.0 6740183 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.16 253.3 Sn 12:54:52.644 -0.1 T__ ___ 6740182 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 1.33 332.3 Pg 12:54:39.570 1.5 T__ 20.8 ___ ML 1.6 6740196 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.33 332.3 Lg 12:54:56.349 -1.2 T__ ___ 6740184 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
VYHS 1.63 279.6 Sn 12:55:04.994 0.2 T__ ___ 6740185 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/16 02:20:27.23 1.44 0.35 47.4244 18.3138 7.1 4.9 106 6.2 9.4 10 6 197 0.05 0.26 ke BUD 17001784 BUD 298

```

```

Magnitude Err Nsta Author OrigID
ML 0.9 0.7 4 BUD 17001784

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW1 0.05 229.8 Pg 02:20:29.178 0.2 T__ 756.8 _d ML 1.3 6740372 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.05 229.8 Lg 02:20:30.238 -0.4 T__ ___ 6740371 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CSKK 0.07 210.6 Pg 02:20:29.613 0.3 T__ 765.6 ___ ML 1.4 6740367 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 210.6 Lg 02:20:31.071 -0.2 T__ ___ 6740368 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW3 0.13 252.1 Pg 02:20:30.541 0.2 T__ 57.0 ___ ML 0.4 6740366 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.13 252.1 Lg 02:20:32.509 -0.5 T__ ___ 6740365 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
MSW2 0.14 209.8 Pg 02:20:30.560 0.1 T__ 58.8 ___ ML 0.5 6740369 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.14 209.8 Lg 02:20:33.285 -0.1 T__ ___ 6740370 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
HU09A 0.22 12.2 Lg 02:20:35.587 -0.3 T__ ___ 6740373 FDSN ZJ 00 BUD iLoc HHE ??? _

```

HU08A 0.26 271.6 Lg 02:20:37.418 0.1 T__ --- 6740374 FDSN ZJ 00 BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/16 | 07:12:25.18 | 0.86 | 1.16 | 47.6944 | 18.4928 | 4.4 | 2.9 | 121 | 0.0f | 20 | 13 | 99 | | 0.09 | 1.48 | sx | BUD | 17001786 | BUD | | | 129 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.3 | 7 BUD | 17001786 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 233.2 | Pg | 07:12:27.951 | 0.4 | | | | | T__ | | 3018.8 | | _c | ML | 2.0 | 6741526 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 233.2 | Lg | 07:12:29.147 | -0.8 | | | | | T__ | | | | --- | | 6741525 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SR0 | 0.17 | 314.6 | Pg | 07:12:29.721 | 0.7 | | | | | T__ | | 5873.7 | | --- | ML | 2.5 | 6741527 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SR0 | 0.17 | 314.6 | Lg | 07:12:32.464 | -0.0 | | | | | T__ | | | | --- | | 6741535 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.34 | 207.8 | Pg | 07:12:32.943 | 0.5 | | | | | T__ | | 328.8 | | --- | ML | 1.8 | 6741536 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.39 | 66.8 | Lg | 07:12:39.602 | -0.4 | | | | | T__ | | | | --- | | 6741523 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW3 | 0.40 | 218.7 | Pg | 07:12:34.093 | 0.6 | | | | | T__ | | 126.1 | | --- | ML | 1.5 | 6741537 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.40 | 218.7 | Lg | 07:12:39.844 | -0.6 | | | | | T__ | | | | --- | | 6741538 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.44 | 206.1 | Pg | 07:12:34.812 | 0.6 | | | | | T__ | | 79.3 | | --- | ML | 1.4 | 6741540 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.44 | 206.1 | Lg | 07:12:41.665 | -0.2 | | | | | T__ | | | | --- | | 6741539 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.47 | 235.9 | Lg | 07:12:41.322 | -1.3 | | | | | T__ | | | | --- | | 6741528 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.83 | 15.9 | Pg | 07:12:44.062 | 1.9 | | | | | T__ | | 14.8 | | --- | ML | 1.1 | 6741521 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.83 | 15.9 | Lg | 07:12:53.187 | -1.2 | | | | | T__ | | | | --- | | 6741530 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.83 | 231.3 | Lg | 07:12:55.292 | 1.0 | | | | | T__ | | | | --- | | 6741529 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.97 | 76.1 | Pn | 07:12:44.370 | -0.8 | | | | | T__ | | 43.9 | | --- | ML | 1.7 | 6741522 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.97 | 76.1 | Lg | 07:12:58.281 | -2.1 | | | | | T__ | | | | --- | | 6741524 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.06 | 310.2 | Pn | 07:12:46.394 | -0.2 | | | | | T__ | | | | --- | | 6741532 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 1.06 | 310.2 | Lg | 07:13:00.746 | -2.2 | | | | | T__ | | | | --- | | 6741531 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| JAVC | 1.29 | 335.1 | Sn | 07:13:09.644 | -0.0 | | | | | T__ | | | | --- | | 6741533 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.48 | 176.0 | Sn | 07:13:11.462 | -1.5 | | | | | T__ | | | | --- | | 6741534 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/16 | 08:09:20.70 | 0.87 | 0.44 | 48.8171 | 16.1917 | 6.2 | 3.4 | 112 | 0.0f | 17 | 10 | 101 | | 0.28 | 1.63 | sx | BUD | 17001790 | BUD | | | 172 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 8 BUD | 17001790 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KRUC | 0.28 | 28.6 | Pg | 08:09:26.626 | 0.4 | | | | | T__ | | 165.8 | | --- | ML | 1.3 | 6741706 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.28 | 28.6 | Lg | 08:09:30.102 | -0.4 | | | | | T__ | | | | --- | | 6741710 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 0.56 | 28.1 | Pg | 08:09:31.668 | 0.3 | | | | | T__ | | 12.9 | | --- | ML | 0.9 | 6741708 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 0.56 | 28.1 | Lg | 08:09:39.386 | -0.2 | | | | | T__ | | | | --- | | 6741707 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TREC | 0.67 | 316.2 | Pg | 08:09:33.378 | 0.0 | | | | | T__ | | 98.5 | | --- | ML | 1.9 | 6741712 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| TREC | 0.67 | 316.2 | Lg | 08:09:41.917 | -0.5 | | | | | T__ | | | | --- | | 6741711 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.92 | 194.0 | Pg | 08:09:38.492 | -0.3 | | | | | T__ | | 41.7 | | --- | ML | 1.6 | 6741715 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.92 | 194.0 | Lg | 08:09:50.803 | 0.1 | | | | | T__ | | | | --- | | 6741716 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.92 | 215.0 | Pg | 08:09:38.343 | -0.1 | | | | | T__ | | 61.0 | | --- | ML | 1.8 | 6741714 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.92 | 215.0 | Lg | 08:09:50.356 | 0.1 | | | | | T__ | | | | --- | | 6741713 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.98 | 87.0 | Pg | 08:09:40.209 | -0.3 | | | | | T__ | | 45.4 | | --- | ML | 1.7 | 6741709 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.12 | 176.4 | Pg | 08:09:42.512 | -0.3 | | | | | T__ | | 33.8 | | --- | ML | 1.7 | 6741703 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.12 | 176.4 | Lg | 08:09:57.641 | 0.2 | | | | | T__ | | | | --- | | 6741702 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORC | 1.31 | 42.1 | Lg | 08:10:03.164 | 0.1 | | | | | T__ | | | | --- | | 6741718 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| A018A | 1.31 | 215.1 | Pn | 08:09:45.144 | -0.8 | | | | | T__ | | 32.8 | | --- | ML | 1.7 | 6741717 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 1.31 | 215.1 | Lg | 08:10:03.091 | 0.7 | | | | | T__ | | | | --- | | 6741704 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.63 | 196.2 | Lg | 08:10:13.107 | 0.6 | | | | | T__ | | | | --- | | 6741705 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/16 | 09:43:37.49 | 3.83 | 0.31 | 46.7830 | 22.7778 | 29.2 | 18.4 | 42 | 0.0f | | 6 | 5 | 231 | 0.05 | 1.50 | sx | BUD | 17001792 | BUD | | | 275 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.05 | 280.7 | Pg | 09:43:38.862 | 0.0 | | | | | T__ | | 198.3 | | --- | ML | 0.7 | 6741791 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.05 | 280.7 | Lg | 09:43:40.174 | -0.0 | | | | | T__ | | | | --- | | 6741792 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.93 | 236.7 | Lg | 09:44:09.596 | -0.0 | | | | | T__ | | | | --- | | 6741795 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.39 | 180.0 | Sn | 09:44:23.777 | 0.3 | | | | | T__ | | | | --- | | 6741796 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 1.42 | 215.1 | Sn | 09:44:23.889 | 0.2 | | | | | T__ | | | | --- | | 6741793 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 1.50 | 152.3 | Sn | 09:44:26.371 | -0.4 | | | | | T__ | | | | --- | | 6741794 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/16 | 09:53:37.37 | 2.19 | 0.86 | 48.5402 | 20.8050 | 20.8 | 6.4 | 12 | 0.0f | | 9 | 5 | 221 | 0.18 | 1.31 | sx | BUD | 17001794 | BUD | | | 316 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.2 | 4 BUD | 17001794 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.18 | 256.0 | Pg | 09:53:41.479 | 0.3 | | | | | T__ | | 165.1 | | ___ | ML | 1.0 | 6741865 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.18 | 256.0 | Lg | 09:53:44.065 | -0.2 | | | | | T__ | | | | --- | | 6741867 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 255.1 | Pg | 09:53:41.942 | -0.0 | | | | | T__ | | 210.1 | | ___ | ML | 1.2 | 6741866 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.22 | 255.1 | Lg | 09:53:45.193 | -0.4 | | | | | T__ | | | | --- | | 6741868 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.38 | 130.0 | Lg | 09:53:51.630 | -0.2 | | | | | T__ | | | | --- | | 6741869 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 0.87 | 224.7 | Pn | 09:53:55.699 | -0.2 | | | | | T__ | | 39.4 | | --- | ML | 1.6 | 6741870 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.87 | 224.7 | Lg | 09:54:09.059 | 0.2 | | | | | T__ | | | | --- | | 6741871 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.31 | 268.7 | Pn | 09:54:02.600 | 0.6 | | | | | T__ | | 11.9 | | --- | ML | 1.3 | 6741873 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.31 | 268.7 | Sn | 09:54:19.675 | -1.9 | | | | | T__ | | | | --- | | 6741872 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/07/17 | 08:05:09.66 | 1.02 | 1.25 | 46.2050 | 18.2801 | 8.5 | 3.6 | 153 | 0.0f | | 6 | 4 | 139 | 0.17 | 0.60 | kx | BUD | 17001798 | BUD | | | 270 |
| 2021/07/17 | 08:05:09.72 | 0.98 | 1.14 | 46.1765 | 18.2926f | | | | 0.0f | | 6 | 4 | 155 | 0.16 | 0.60 | kx | BUD_GT | 17001799 | BUD_GT | | | 275 |

(locality : Komló Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 08:05:14.172 | 0.6 | | | | | T__ | | 394.6 | | ___ | ML | 1.3 | 6742831 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 08:05:16.239 | -0.4 | | | | | T__ | | | | --- | | 6742830 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 08:05:16.024 | 0.8 | | | | | T__ | | 97.9 | | ___ | ML | 1.0 | 6742828 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 08:05:19.004 | -0.6 | | | | | T__ | | | | --- | | 6742832 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Lg | 08:05:21.594 | -1.5 | | | | | T__ | | | | --- | | 6742833 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU22A | 0.60 | 75.1 | Lg | 08:05:30.639 | -1.6 | | | | | T__ | | | | --- | | 6742829 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/17 | 10:43:17.34 | 0.91 | 0.91 | 47.5936 | 16.3766 | 5.7 | 3.2 | 152 | 0.0f | | 16 | 12 | 119 | 0.15 | 1.47 | sx | BUD | 17001800 | BUD | | | 138 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.4 | 4 BUD | 17001800 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SOP | 0.15 | 53.8 | Pg | 10:43:21.516 | 0.8 | | | | | T__ | | 72.2 | | --- | ML | 0.6 | 6742872 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.15 | 53.8 | Lg | 10:43:23.948 | 0.7 | | | | | T__ | | | | --- | | 6742873 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.34 | 237.0 | Pg | 10:43:24.152 | 0.1 | | | | | T__ | | 51.5 | | --- | ML | 1.0 | 6742881 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.34 | 237.0 | Lg | 10:43:28.165 | -0.3 | | | | | T__ | | | | --- | | 6742880 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.48 | 314.1 | Lg | 10:43:32.974 | -0.5 | | | | | T__ | | | | --- | | 6742867 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.67 | 239.7 | Pg | 10:43:30.199 | -0.2 | | | | | T__ | | 46.1 | | --- | ML | 1.5 | 6742869 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.67 | 239.7 | Lg | 10:43:39.564 | 0.7 | | | | | T__ | | | | --- | | 6742868 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.81 | 306.1 | Lg | 10:43:43.749 | 0.4 | | | | | T__ | | | | --- | | 6742870 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A019A | 0.89 | 260.9 | Pg | 10:43:34.393 | -0.3 | | | | | T__ | | 26.7 | | --- | ML | 1.4 | 6742871 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A019A | 0.89 | 260.9 | Lg | 10:43:46.190 | 0.2 | | | | | T__ | | | | --- | | 6742874 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.89 | 280.2 | Lg | 10:43:46.060 | 0.3 | | | | | T__ | | | | --- | | 6742875 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.90 | 117.8 | Lg | 10:43:47.627 | -0.9 | | | | | T__ | | | | --- | | 6742877 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A008A | 0.92 | 328.2 | Lg | 10:43:47.053 | -0.4 | | | | | T__ | | | | --- | | 6742876 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| MODS | 0.99 | 37.5 | Lg | 10:43:50.515 | -2.1 | | | | | T__ | | | | --- | | 6742878 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 1.06 | 98.2 | Sn | 10:43:52.651 | -1.7 | | | | | T__ | | | | --- | | 6742879 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.47 | 0.5 | Sn | 10:44:04.507 | 0.0 | | | | | T__ | | | | --- | | 6742866 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/19 | 08:54:38.79 | 0.90 | 1.26 | 48.2949 | 18.5382 | 5.1 | 3.9 | 111 | 0.0f | 15 | 11 | 85 | 0.28 | 1.35 | sx | BUD | 17001802 | BUD | | | 108 | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 4 BUD | 17001802 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.28 | 44.8 | Pg | 08:54:45.400 | 0.7 | | | | | T__ | | 175.8 | | --- | ML | 1.3 | 6748365 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.28 | 44.8 | Lg | 08:54:48.633 | -0.5 | | | | | T__ | | | | --- | | 6748370 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A338A | 0.31 | 204.0 | Lg | 08:54:51.185 | 0.5 | | | | | T__ | | | | --- | | 6748375 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| SR0 | 0.50 | 197.5 | Lg | 08:54:57.586 | -0.0 | | | | | T__ | | | | --- | | 6748376 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JAVC | 0.81 | 314.7 | Lg | 08:55:06.054 | -1.8 | | | | | T__ | | | | --- | | 6748371 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.85 | 275.8 | Lg | 08:55:08.186 | -0.8 | | | | | T__ | | | | --- | | 6748377 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A331A | 0.88 | 346.3 | Lg | 08:55:08.468 | 0.2 | | | | | T__ | | | | --- | | 6748372 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.96 | 205.8 | Lg | 08:55:11.511 | -1.2 | | | | | T__ | | | | --- | | 6748373 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.98 | 112.0 | Pn | 08:54:59.410 | 0.3 | | | | | T__ | | 41.1 | | --- | ML | 1.7 | 6748366 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.98 | 112.0 | Lg | 08:55:11.826 | -2.4 | | | | | T__ | | | | --- | | 6748374 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.31 | 81.0 | Pn | 08:55:04.928 | 1.5 | | | | | T__ | | 164.2 | | --- | ML | 2.4 | 6748367 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 1.31 | 81.0 | Sn | 08:55:21.622 | -1.3 | | | | | T__ | | | | --- | | 6748363 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|------|----|--------------|------|--|--|--|--|-----|------|--|-----|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| HU02A | 1.34 | 96.7 | Sn | 08:55:23.830 | 0.0 | | | | | T__ | | | | | 6748364 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| JOS | 1.35 | 80.7 | Pn | 08:55:05.013 | 1.1 | | | | | T__ | 18.8 | | --- | ML | 1.5 | 6748369 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.35 | 80.7 | Sn | 08:55:22.674 | -1.2 | | | | | T__ | | | --- | | 6748368 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/19 | 09:28:19.11 | 3.06 | 0.62 | 48.7950 | 21.1638 | 21.1 | 9.1 | 88 | 0.0f | | 8 | 5 | 254 | 0.51 | 1.22 | sx | BUD | 17001804 | BUD | | | 337 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.5 | 0.2 | 3 BUD | 17001804 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.51 | 234.4 | Pg | 09:28:29.677 | 0.3 | | | | | T__ | | 43.0 | | --- | ML | 1.4 | 6748445 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.51 | 234.4 | Lg | 09:28:36.979 | -0.1 | | | | | T__ | | | | --- | | 6748447 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.55 | 235.5 | Pg | 09:28:30.329 | 0.2 | | | | | T__ | | 131.0 | | --- | ML | 1.9 | 6748446 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.55 | 235.5 | Lg | 09:28:38.310 | -0.0 | | | | | T__ | | | | --- | | 6748448 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.80 | 212.5 | Pg | 09:28:35.671 | 0.1 | | | | | T__ | | 32.9 | | --- | ML | 1.5 | 6748451 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.80 | 212.5 | Lg | 09:28:46.683 | -1.2 | | | | | T__ | | | | --- | | 6748450 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.84 | 318.0 | Lg | 09:28:46.479 | -0.6 | | | | | T__ | | | | --- | | 6748449 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| PSZ | 1.22 | 224.5 | Sn | 09:29:00.987 | -0.3 | | | | | T__ | | | | --- | | 6748452 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/19 | 10:00:50.29 | 1.02 | 0.87 | 48.1815 | 17.0128 | 6.8 | 4.3 | 164 | 0.0f | | 10 | 6 | 151 | 0.06 | 1.37 | sx | BUD | 17001806 | BUD | | | 185 |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZST | 0.06 | 76.3 | Pg | 10:00:52.707 | 0.5 | | | | | T__ | | | | --- | | 6748495 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.06 | 76.3 | Lg | 10:00:53.499 | -0.5 | | | | | T__ | | | | --- | | 6748494 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.26 | 42.5 | Pg | 10:00:56.568 | 0.4 | | | | | T__ | | | | --- | | 6748500 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.26 | 42.5 | Lg | 10:01:00.419 | -0.4 | | | | | T__ | | | | --- | | 6748493 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.81 | 32.6 | Lg | 10:01:18.052 | -1.4 | | | | | T__ | | | | --- | | 6748501 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 0.81 | 252.3 | Lg | 10:01:16.369 | -0.7 | | | | | T__ | | | | --- | | 6748496 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 0.97 | 335.3 | Pg | 10:01:09.654 | 0.7 | | | | | T__ | | 26.0 | | --- | ML | 1.5 | 6748502 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.97 | 335.3 | Lg | 10:01:23.299 | -0.0 | | | | | T__ | | | | --- | | 6748497 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.37 | 227.7 | Pn | 10:01:15.082 | -1.2 | | | | | T__ | | 28.9 | | --- | ML | 1.7 | 6748499 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 1.37 | 227.7 | Lg | 10:01:33.496 | -0.4 | | | | | T__ | | | | --- | | 6748498 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/20 | 06:13:03.49 | 0.98 | 1.01 | 47.3778 | 18.4155 | 5.0 | 3.4 | 137 | 0.0f | 15 | 12 | 75 | 0.11 | 1.31 | sx | BUD | 17001810 | BUD | | | | 111 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.1 | 5 BUD | 17001810 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.11 | 262.1 | Pg | 06:13:06.690 | 0.4 | | | | | T__ | | 951.5 | | ___ | ML | 1.6 | 6750317 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.11 | 262.1 | Lg | 06:13:08.091 | -0.8 | | | | | T__ | | | | --- | | 6750318 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.11 | 278.1 | Pg | 06:13:07.041 | 0.8 | | | | | T__ | | 545.2 | | ___ | ML | 1.3 | 6750329 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.11 | 278.1 | Lg | 06:13:08.433 | -0.5 | | | | | T__ | | | | --- | | 6750328 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.16 | 241.6 | Pg | 06:13:08.245 | 1.0 | | | | | T__ | | 148.3 | | ___ | ML | 0.9 | 6750330 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.20 | 271.6 | Pg | 06:13:08.528 | 0.6 | | | | | T__ | | 95.5 | | ___ | ML | 0.8 | 6750331 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.26 | 355.1 | Pg | 06:13:10.355 | 1.1 | | | | | T__ | | 225.6 | | ___ | ML | 1.4 | 6750326 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.26 | 355.1 | Lg | 06:13:13.510 | -0.7 | | | | | T__ | | | | --- | | 6750319 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.34 | 279.3 | Lg | 06:13:15.514 | -1.2 | | | | | T__ | | | | --- | | 6750320 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| A271A | 0.36 | 127.9 | Lg | 06:13:16.786 | -0.9 | | | | | T__ | | | | --- | | 6750321 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.62 | 40.9 | Lg | 06:13:25.353 | -1.3 | | | | | T__ | | | | --- | | 6750322 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.14 | 61.0 | Sn | 06:13:42.504 | -1.0 | | | | | T__ | | | | --- | | 6750323 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 1.15 | 14.1 | Lg | 06:13:42.356 | -1.3 | | | | | T__ | | | | --- | | 6750327 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.17 | 172.2 | Sn | 06:13:42.760 | -0.8 | | | | | T__ | | | | --- | | 6750324 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.31 | 189.7 | Sn | 06:13:46.799 | -0.1 | | | | | T__ | | | | --- | | 6750325 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/07/20 | 07:13:08.31 | 1.92 | 1.21 | 48.0339 | 20.7011 | 11.8 | 6.2 | 151 | 0.0f | 8 | 5 | 204 | 0.15 | 0.55 | kx | BUD | 17001812 | BUD | | | | 271 |
| 2021/07/20 | 07:13:09.01 | 0.97 | 1.12 | 48.0750 | 20.6990f | | | | 0.0f | 8 | 5 | 195 | 0.13 | 0.56 | kx | BUD_GT | 17001813 | BUD_GT | | | | 268 |

(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.6 | 0.1 | 3 BUD_GT | 17001813 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.13 | 292.1 | Pg | 07:13:12.551 | 0.4 | | | | | T__ | | 826.1 | | ___ | ML | 1.6 | 6750380 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.13 | 292.1 | Lg | 07:13:14.042 | -0.9 | | | | | T__ | | | | --- | | 6750384 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.42 | 58.4 | Lg | 07:13:23.910 | -1.3 | | | | | T__ | | | | --- | | 6750381 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.43 | 340.8 | Pg | 07:13:18.683 | 0.8 | | | | | T__ | | 128.3 | | --- | ML | 1.6 | 6750385 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.43 | 340.8 | Lg | 07:13:24.278 | -0.3 | | | | | T__ | | | | --- | | 6750382 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|-----|------|-------|----|---------------------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JOS | 0.43 | 345.9 | Pg | 07:13:18.821 | 1.0 | T__ | 61.9 | ___ | ML | 1.3 | 6750386 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.43 | 345.9 | Lg | 07:13:24.507 | -0.1 | T__ | | --- | | | 6750387 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.3 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | |
| PSZ | 0.56 | 254.1 | Lg | 07:13:27.996 | -2.1 | T__ | | --- | | | 6750383 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/20 | 07:35:16.12 | 0.82 | 1.22 | 48.7114 | 18.6810 | 5.7 | 2.8 | 52 | 0.0f | | 18 | 9 | 133 | 0.24 | 1.30 | sx | BUD | 17001814 | BUD | | | 134 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.0 | 9 BUD | 17001814 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|---------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.24 | 154.6 | Pg | 07:35:21.846 | 0.6 | | | | | T__ | | 190.3 | | ___ | ML | 1.2 | 6750474 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.24 | 154.6 | Lg | 07:35:25.517 | 0.5 | | | | | T__ | | | | --- | | 6750475 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| A331A | 0.53 | 325.5 | Pg | 07:35:27.792 | 1.1 | | | | | T__ | | 127.6 | | ___ | ML | 1.9 | 6750464 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A331A | 0.53 | 325.5 | Lg | 07:35:32.858 | -1.3 | | | | | T__ | | | | --- | | 6750476 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.68 | 282.9 | Pg | 07:35:30.081 | -0.1 | | | | | T__ | | 103.5 | | ___ | ML | 1.9 | 6750478 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.68 | 282.9 | Lg | 07:35:38.834 | -2.1 | | | | | T__ | | | | --- | | 6750477 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| SRD | 0.93 | 195.4 | Pg | 07:35:35.399 | 0.7 | | | | | T__ | | 673.2 | | ___ | ML | 2.8 | 6750479 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SRD | 0.93 | 195.4 | Lg | 07:35:49.952 | 0.3 | | | | | T__ | | | | --- | | 6750465 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 2.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 1.01 | 142.5 | Pn | 07:35:36.528 | -0.1 | | | | | T__ | | 98.4 | | ___ | ML | 2.1 | 6750480 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 1.01 | 142.5 | Lg | 07:35:50.801 | -1.1 | | | | | T__ | | | | --- | | 6750468 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.13 | 134.0 | Pn | 07:35:38.872 | 0.3 | | | | | T__ | | 54.4 | | ___ | ML | 1.9 | 6750470 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.13 | 134.0 | Lg | 07:35:54.410 | -2.1 | | | | | T__ | | | | --- | | 6750469 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.22 | 100.1 | Pn | 07:35:40.367 | 0.8 | | | | | T__ | | 127.4 | | ___ | ML | 2.3 | 6750463 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 1.22 | 100.1 | Lg | 07:35:55.599 | -2.0 | | | | | T__ | | | | --- | | 6750471 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.25 | 99.2 | Pn | 07:35:40.825 | 0.8 | | | | | T__ | | 37.3 | | ___ | ML | 1.8 | 6750473 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.25 | 99.2 | Lg | 07:35:57.297 | -1.2 | | | | | T__ | | | | --- | | 6750472 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MORC | 1.30 | 325.5 | Pg | 07:35:41.292 | 1.0 | | | | | T__ | | 50.6 | | ___ | ML | 1.9 | 6750467 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.30 | 325.5 | Lg | 07:35:58.783 | 0.4 | | | | | T__ | | | | --- | | 6750466 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/20 | 07:52:54.21 | 0.84 | 0.97 | 46.8705 | 17.3055 | 4.3 | 3.0 | 138 | 0.0f | 25 | 17 | 67 | 0.13 | 1.44 | sx | BUD | 17001816 | BUD | | | | 86 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.3 | 9 BUD | 17001816 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.13 | 307.2 | Pg | 07:52:57.317 | -0.3 | | | | | T__ | | 5016.4 | | ___ | ML | 2.4 | 6750622 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.13 | 307.2 | Lg | 07:52:58.719 | -1.6 | | | | | T__ | | | | --- | | 6750623 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.23 | 178.4 | Pg | 07:53:00.054 | 0.6 | | | | | T__ | | 1053.6 | | --- | ML | 2.0 | 6750615 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.23 | 178.4 | Lg | 07:53:02.261 | -1.0 | | | | | T__ | | | | --- | | 6750621 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.34 | 28.0 | Pg | 07:53:01.735 | 0.1 | | | | | T__ | | 124.6 | | --- | ML | 1.3 | 6750631 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.34 | 28.0 | Lg | 07:53:07.120 | -0.2 | | | | | T__ | | | | --- | | 6750630 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.53 | 269.6 | Pg | 07:53:05.478 | 0.4 | | | | | T__ | | 260.1 | | --- | ML | 2.2 | 6750613 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.53 | 269.6 | Lg | 07:53:12.270 | -0.2 | | | | | T__ | | | | --- | | 6750616 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.54 | 222.5 | Lg | 07:53:12.490 | -0.7 | | | | | T__ | | | | --- | | 6750612 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.75 | 54.7 | Pg | 07:53:09.908 | 0.4 | | | | | T__ | | 53.9 | | --- | ML | 1.7 | 6750632 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.75 | 54.7 | Lg | 07:53:20.774 | -1.3 | | | | | T__ | | | | --- | | 6750633 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.76 | 47.2 | Pg | 07:53:10.870 | 1.3 | | | | | T__ | | 52.1 | | --- | ML | 1.6 | 6750635 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.76 | 47.2 | Lg | 07:53:21.159 | -0.9 | | | | | T__ | | | | --- | | 6750634 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A267A | 0.81 | 84.2 | Lg | 07:53:22.761 | -0.8 | | | | | T__ | | | | --- | | 6750618 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.82 | 52.6 | Lg | 07:53:23.834 | -0.5 | | | | | T__ | | | | --- | | 6750619 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.83 | 50.9 | Pg | 07:53:12.408 | 1.3 | | | | | T__ | | 138.0 | | --- | ML | 2.1 | 6750636 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.84 | 240.2 | Pg | 07:53:11.047 | 0.2 | | | | | T__ | | 75.9 | | --- | ML | 1.8 | 6750624 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.84 | 240.2 | Lg | 07:53:22.487 | 0.6 | | | | | T__ | | | | --- | | 6750617 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.96 | 144.7 | Pg | 07:53:14.238 | 0.7 | | | | | T__ | | 38.2 | | --- | ML | 1.6 | 6750625 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.96 | 144.7 | Lg | 07:53:26.833 | 0.2 | | | | | T__ | | | | --- | | 6750620 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| AO11B | 1.07 | 300.8 | Lg | 07:53:29.032 | 0.5 | | | | | T__ | | | | --- | | 6750626 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| RDNA | 1.08 | 320.7 | Lg | 07:53:29.999 | 0.0 | | | | | T__ | | | | --- | | 6750627 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.13 | 124.9 | Sn | 07:53:30.531 | -2.3 | | | | | T__ | | | | --- | | 6750628 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PTJ | 1.34 | 224.3 | Sn | 07:53:37.111 | -1.4 | | | | | T__ | | | | --- | | 6750614 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| CONA | 1.44 | 317.7 | Sn | 07:53:41.167 | 0.4 | | | | | T__ | | | | --- | | 6750629 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

```

2021/07/20 08:50:24.69 1.55 1.14 47.9960 20.3327 16.0 6.2 147 0.0f 5 3 209 0.18 0.52 kx BUD 17001818 BUD 329
2021/07/20 08:50:24.51 1.03 0.94 47.9767 20.3679f 0.0f 5 3 223 0.18 0.53 kx BUD_GT 17001819 BUD_GT 336
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.18 35.8 Pg 08:50:29.382 0.6 T__ 85.7 ___ ML 0.7 6750711 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.18 35.8 Lg 08:50:31.420 -0.9 T__ ___ 6750712 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
Station ML: 0.7 magdef=1
PSZ 0.32 259.8 Lg 08:50:36.337 -1.1 T__ ___ 6750713 FDSN GE -- BUD iLoc HHN ??? _
JOS 0.53 12.4 Pg 08:50:35.824 0.6 T__ 21.9 ___ ML 1.1 6750715 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 12.4 Lg 08:50:42.579 -0.9 T__ ___ 6750714 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
Station ML: 1.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/20 09:27:48.89 1.53 0.62 48.4935 20.8020 11.8 5.9 21 0.0f 8 5 213 0.17 0.84 sx BUD 17001820 BUD 295

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 3 BUD 17001820

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.17 270.9 Pg 09:27:52.795 0.2 T__ 509.8 ___ ML 1.5 6750741 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 270.9 Lg 09:27:55.300 -0.2 T__ ___ 6750740 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
Station ML: 1.5 magdef=1
KECS 0.21 267.3 Pg 09:27:53.597 0.3 T__ 1553.0 ___ ML 2.1 6750747 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 267.3 Lg 09:27:56.505 -0.3 T__ ___ 6750742 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
Station ML: 2.1 magdef=1
ABAH 0.35 123.9 Lg 09:28:02.115 -0.4 T__ ___ 6750743 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.42 206.6 Lg 09:28:05.174 0.6 T__ ___ 6750744 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.84 226.9 Pn 09:28:06.510 -0.5 T__ 37.1 ___ ML 1.5 6750746 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.84 226.9 Lg 09:28:18.184 -1.0 T__ ___ 6750745 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/20 09:59:37.62 1.05 1.19 46.1237 18.2894 14.4 3.5 165 0.0f 6 4 184 0.14 0.62 kx BUD 17001822 BUD 241
2021/07/20 09:59:37.70 0.99 1.04 46.1765 18.2926f 0.0f 6 4 155 0.16 0.60 kx BUD_GT 17001823 BUD_GT 225
(locality : Komló Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 09:59:41.543 -0.0 T__ 361.1 ___ ML 1.3 6750876 FDSN HU -- BUD iLoc HHZ HHZ _

```

```

KOVH 0.16 236.7 Lg 09:59:42.774 -1.9 T__ --- 6750877 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MORH 0.25 80.9 Pg 09:59:44.048 0.9 T__ 89.6 --- ML 0.9 6750878 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 09:59:47.547 -0.1 T__ --- 6750875 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
A265A 0.42 305.9 Lg 09:59:53.812 0.6 T__ --- 6750879 FDSN Z3 00 BUD iLoc HHN ??? _
HU22A 0.60 75.1 Lg 09:59:59.331 -0.9 T__ --- 6750880 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/20 10:48:47.19 1.29 1.61 48.7134 21.5348 7.7 5.7 26 0.0f 13 7 179 0.46 1.35 sx BUD 17001824 BUD 253

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD 17001824

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.46 205.3 Pg 10:48:57.446 0.9 T__ 67.2 --- ML 1.4 6750939 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.46 205.3 Lg 10:49:04.386 -0.1 T__ --- 6750946 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
JOS 0.70 252.1 Pg 10:49:01.148 0.1 T__ 56.2 --- ML 1.6 6750944 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.70 252.1 Lg 10:49:11.073 -0.4 T__ --- 6750940 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.73 252.1 Pg 10:49:01.973 0.2 T__ 162.1 --- ML 2.1 6750945 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.73 252.1 Lg 10:49:12.044 -0.7 T__ --- 6750941 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
TRPA 0.89 130.7 Pg 10:49:04.661 0.2 T__ 66.6 --- ML 1.8 6750947 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.89 130.7 Lg 10:49:15.297 -3.6 T__ --- 6750948 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.90 229.0 Pg 10:49:05.777 0.2 T__ 42.1 --- ML 1.6 6750943 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.90 229.0 Lg 10:49:16.645 -2.7 T__ --- 6750942 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE 1.08 311.4 Pg 10:49:07.916 0.4 T__ 28.4 --- ML 1.6 6750949 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 1.35 234.6 Pn 10:49:14.105 1.6 T__ 33.1 --- ML 1.8 6750950 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.35 234.6 Sn 10:49:33.864 1.2 T__ --- 6750951 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/20 11:14:50.46 1.10 0.88 47.8552 16.0563 12.9 3.7 39 0.0f 7 5 123 0.15 1.23 sx BUD 17001826 BUD 194

```

```

Magnitude Err Nsta Author OrigID

```


| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.15 | 299.2 | Pg | 11:14:54.000 | 0.3 | | | | | T__ | | 128.0 | | --- | ML | 0.8 | 6750983 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.15 | 299.2 | Lg | 11:14:55.528 | -0.5 | | | | | T__ | | | | --- | | 6750984 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.22 | 133.8 | Pg | 11:14:55.698 | 0.5 | | | | | T__ | | 43.8 | | --- | ML | 0.6 | 6750982 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.22 | 133.8 | Lg | 11:14:58.075 | -0.5 | | | | | T__ | | | | --- | | 6750985 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.45 | 188.4 | Lg | 11:15:05.037 | -0.2 | | | | | T__ | | | | --- | | 6750986 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| A260A | 0.72 | 142.2 | Lg | 11:15:14.037 | -0.8 | | | | | T__ | | | | --- | | 6750987 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.23 | 10.5 | Sn | 11:15:30.339 | -1.3 | | | | | T__ | | | | --- | | 6750988 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/20 | 17:15:30.59 | 0.90 | 0.72 | 47.7771 | 16.1742 | 4.4 | 3.2 | 25 | 11.2 | 7.8 | 20 | 11 | 79 | 0.11 | 1.62 | ke | BUD | 17001838 | BUD | | | 99 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.5 | 8 BUD | 17001838 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 133.2 | Pg | 17:15:34.025 | 0.2 | | | | | T__ | | 274.9 | | --- | ML | 1.1 | 6751292 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 133.2 | Lg | 17:15:35.432 | -0.8 | | | | | T__ | | | | --- | | 6751293 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 305.8 | Pg | 17:15:36.588 | 0.3 | | | | | T__ | | 89.8 | | --- | ML | 1.0 | 6751299 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 305.8 | Lg | 17:15:39.566 | -0.7 | | | | | T__ | | | | --- | | 6751298 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 109.8 | Pg | 17:15:37.002 | 0.5 | | | | | T__ | | 72.1 | | --- | ML | 0.9 | 6751294 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 109.8 | Lg | 17:15:40.778 | 0.1 | | | | | T__ | | | | --- | | 6751287 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.40 | 201.7 | Pg | 17:15:38.651 | -0.1 | | | | | T__ | | 131.5 | | --- | ML | 1.5 | 6751286 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.40 | 201.7 | Lg | 17:15:43.911 | -0.1 | | | | | T__ | | | | --- | | 6751300 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.59 | 299.3 | Pg | 17:15:42.535 | 0.4 | | | | | T__ | | 201.9 | | --- | ML | 2.1 | 6751303 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.59 | 299.3 | Lg | 17:15:50.320 | 0.4 | | | | | T__ | | | | --- | | 6751304 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.69 | 220.2 | Lg | 17:15:52.253 | -0.5 | | | | | T__ | | | | --- | | 6751301 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A008A | 0.69 | 329.6 | Pg | 17:15:44.067 | 0.2 | | | | | T__ | | 177.9 | | --- | ML | 2.1 | 6751296 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.69 | 329.6 | Lg | 17:15:52.948 | -0.4 | | | | | T__ | | | | --- | | 6751295 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.95 | 50.7 | Pg | 17:15:49.857 | 0.2 | | | | | T__ | | | | --- | | 6751302 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.95 | 50.7 | Lg | 17:16:02.532 | -1.2 | | | | | T__ | | | | --- | | 6751288 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.29 | 6.4 | Pn | 17:15:54.752 | 0.8 | | | | | T__ | | 29.8 | | --- | ML | 1.7 | 6751305 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.29 | 6.4 | Sn | 17:16:12.171 | 0.9 | | | | | T__ | | | | --- | | 6751297 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.56 | 10.1 | Pn | 17:15:58.432 | 0.8 | | | | | T__ | | 6.9 | | --- | ML | 1.2 | 6751291 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|-----|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| VRAC | 1.56 | 10.1 | Sn | 17:16:18.724 | 1.0 | T__ | --- | 6751290 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | |
| CKRC | 1.62 | 310.7 | Sn | 17:16:20.979 | 1.3 | T__ | --- | 6751289 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/20 | 18:36:11.32 | 0.90 | 0.81 | 47.5703 | 16.3605 | 4.0 | 3.7 | 147 | 0.0f | 15 | 10 | 98 | 0.14 | 1.49 | sx | BUD | 17001840 | BUD | | | | 136 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.4 | 8 BUD | 17001840 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.14 | 341.5 | Pg | 18:36:14.615 | 0.2 | | | | | T__ | | 266.8 | | _c | ML | 1.1 | 6751457 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.14 | 341.5 | Lg | 18:36:15.785 | -0.9 | | | | | T__ | | | | --- | | 6751453 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.18 | 49.7 | Pg | 18:36:15.720 | 0.5 | | | | | T__ | | 78.2 | | --- | ML | 0.7 | 6751452 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.18 | 49.7 | Lg | 18:36:18.190 | 0.2 | | | | | T__ | | | | --- | | 6751458 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.32 | 239.4 | Pg | 18:36:18.335 | 0.7 | | | | | T__ | | 37.2 | | --- | ML | 0.8 | 6751459 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.37 | 140.7 | Pg | 18:36:19.723 | 0.6 | | | | | T__ | | 600.7 | | --- | ML | 2.1 | 6751460 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.49 | 317.0 | Pg | 18:36:21.982 | 0.8 | | | | | T__ | | 39.5 | | --- | ML | 1.3 | 6751461 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.49 | 317.0 | Lg | 18:36:27.381 | -0.4 | | | | | T__ | | | | --- | | 6751451 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.65 | 240.9 | Pg | 18:36:24.518 | 0.6 | | | | | T__ | | 26.9 | | --- | ML | 1.3 | 6751462 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.65 | 240.9 | Lg | 18:36:30.653 | -1.5 | | | | | T__ | | | | --- | | 6751463 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.68 | 102.7 | Lg | 18:36:34.098 | -1.3 | | | | | T__ | | | | --- | | 6751454 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A013A | 0.81 | 307.9 | Pg | 18:36:27.682 | 0.7 | | | | | T__ | | 44.6 | | --- | ML | 1.6 | 6751464 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.01 | 37.1 | Pg | 18:36:32.295 | 0.4 | | | | | T__ | | | | --- | | 6751465 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KRUC | 1.49 | 0.9 | Pn | 18:36:38.674 | -0.2 | | | | | T__ | | 27.0 | | --- | ML | 1.8 | 6751456 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.49 | 0.9 | Sn | 18:36:58.796 | -0.2 | | | | | T__ | | | | --- | | 6751455 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/21 | 00:35:49.25 | 0.79 | 0.80 | 48.2436 | 16.7492 | 3.3 | 2.9 | 179 | 11.0f | 25 | 13 | 75 | 0.16 | 1.29 | ke | BUD | 17001850 | BUD | | | | 106 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 10 BUD | 17001850 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A002B | 0.16 | 319.1 | Pg | 00:35:53.089 | 0.1 | | | | | T__ | | 565.1 | | --- | ML | 1.5 | 6753999 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A002B | 0.16 | 319.1 | Lg | 00:35:54.755 | -1.2 | | | | | T__ | | | | --- | | 6754000 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.24 | 101.2 | Pg | 00:35:55.245 | 0.6 | | | | | T__ | | | | --- | | 6753982 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.24 | 101.2 | Lg | 00:35:58.216 | -0.6 | | | | | T__ | | | | --- | | 6753983 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.38 | 69.6 | Pg | 00:35:57.028 | -0.2 | | | | | T__ | | | | --- | | 6753981 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.38 | 69.6 | Lg | 00:36:02.617 | -0.8 | | | | | T__ | | | | --- | | 6754001 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| SOP | 0.58 | 193.0 | Pg | 00:36:00.933 | 0.1 | | | | | T__ | | 39.6 | | --- | ML | 1.4 | 6753984 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.58 | 193.0 | Lg | 00:36:08.813 | 0.1 | | | | | T__ | | | | --- | | 6754002 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.62 | 209.4 | Pg | 00:36:01.273 | -0.6 | | | | | T__ | | 27.9 | | --- | ML | 1.3 | 6753986 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.62 | 209.4 | Lg | 00:36:10.273 | 0.0 | | | | | T__ | | | | --- | | 6753987 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.67 | 242.4 | Pg | 00:36:02.292 | -0.5 | | | | | T__ | | 39.1 | | --- | ML | 1.5 | 6753989 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.67 | 242.4 | Lg | 00:36:11.833 | 0.1 | | | | | T__ | | | | --- | | 6754003 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.74 | 280.1 | Pg | 00:36:03.481 | -0.1 | | | | | T__ | | 51.1 | | --- | ML | 1.6 | 6753990 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.74 | 280.1 | Lg | 00:36:13.738 | -0.1 | | | | | T__ | | | | --- | | 6753993 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.85 | 344.1 | Pg | 00:36:06.367 | 0.8 | | | | | T__ | | 42.2 | | --- | ML | 1.6 | 6753985 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.85 | 344.1 | Lg | 00:36:17.805 | -0.2 | | | | | T__ | | | | --- | | 6753994 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.92 | 154.4 | Pn | 00:36:07.563 | 0.4 | | | | | T__ | | 66.0 | | --- | ML | 1.8 | 6754005 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.92 | 154.4 | Lg | 00:36:20.059 | -0.2 | | | | | T__ | | | | --- | | 6754004 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.92 | 259.2 | Pg | 00:36:06.537 | -0.5 | | | | | T__ | | 112.1 | | --- | ML | 2.1 | 6753991 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.92 | 259.2 | Lg | 00:36:19.474 | 0.5 | | | | | T__ | | | | --- | | 6753995 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.07 | 354.5 | Pn | 00:36:09.764 | 0.3 | | | | | T__ | | 11.1 | | --- | ML | 1.1 | 6753988 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 1.07 | 354.5 | Sn | 00:36:25.106 | 0.3 | | | | | T__ | | | | --- | | 6753996 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.20 | 153.3 | Sn | 00:36:29.695 | 2.1 | | | | | T__ | | | | --- | | 6753997 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 1.29 | 220.2 | Pn | 00:36:14.518 | 1.8 | | | | | T__ | | 29.2 | | --- | ML | 1.7 | 6753992 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 1.29 | 220.2 | Sn | 00:36:30.946 | 1.3 | | | | | T__ | | | | --- | | 6753998 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|----------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|
| 2021/07/21 | 05:51:15.25 | 0.93 | 1.23 | 47.3431 | 18.4067 | 4.1 | 3.4 | 134 | 0.0f | | 19 | 14 | 111 | 0.10 | 1.63 | kx | BUD | 17001852 | BUD | | | 112 | |
| 2021/07/21 | 05:51:15.77 | 0.87 | 1.84 | 47.3167 | 18.3081f | | | | 0.0f | | 19 | 14 | 101 | 0.06 | 1.70 | kx | BUD_GT | 17001853 | BUD_GT | | | 107 | |
| (locality : Magyaralmás Hungary) | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 5 BUD_GT 17001853

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 325.1 | Pg | 05:51:18.884 | 1.3 | | | | | T__ | | 1693.1 | | --- | ML | 1.7 | 6754079 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 325.1 | Lg | 05:51:19.695 | 0.2 | | | | | T__ | | | | --- | | 6754078 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.07 | 257.7 | Pg | 05:51:19.015 | 1.2 | | | | | T__ | | 1425.6 | | --- | ML | 1.6 | 6754093 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.07 | 257.7 | Lg | 05:51:20.176 | 0.3 | | | | | T__ | | | | --- | | 6754092 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 336.4 | Pg | 05:51:19.386 | 1.3 | | | | | T__ | | 1651.6 | | --- | ML | 1.7 | 6754090 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 336.4 | Lg | 05:51:20.225 | -0.2 | | | | | T__ | | | | --- | | 6754091 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.14 | 298.3 | Pg | 05:51:20.743 | 1.6 | | | | | T__ | | 496.5 | | --- | ML | 1.4 | 6754094 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.14 | 298.3 | Lg | 05:51:22.718 | 0.4 | | | | | T__ | | | | --- | | 6754095 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.29 | 293.8 | Lg | 05:51:27.473 | 0.3 | | | | | T__ | | | | --- | | 6754081 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.33 | 8.9 | Lg | 05:51:25.922 | -2.8 | | | | | T__ | | | | --- | | 6754080 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| A267A | 0.39 | 162.2 | Lg | 05:51:30.494 | -0.2 | | | | | T__ | | | | --- | | 6754082 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.54 | 254.6 | Lg | 05:51:36.722 | 1.2 | | | | | T__ | | | | --- | | 6754083 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.71 | 42.0 | Pg | 05:51:29.645 | -1.0 | | | | | T__ | | 72.8 | | --- | ML | 1.8 | 6754085 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.71 | 42.0 | Lg | 05:51:37.518 | -4.7 | | | | | T__ | | | | --- | | 6754084 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.13 | 168.1 | Lg | 05:51:53.765 | -0.7 | | | | | T__ | | | | --- | | 6754087 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.23 | 16.6 | Sn | 05:51:54.712 | -3.4 | | | | | T__ | | | | --- | | 6754077 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.23 | 60.1 | Sn | 05:51:55.214 | -2.9 | | | | | T__ | | | | --- | | 6754086 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.24 | 186.7 | Lg | 05:51:58.067 | -0.5 | | | | | T__ | | | | --- | | 6754088 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 1.70 | 60.9 | Sn | 05:52:08.927 | -0.2 | | | | | T__ | | | | --- | | 6754089 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/21 | 07:26:52.13 | 1.17 | 0.92 | 46.1172 | 22.8478 | 9.1 | 6.1 | 89 | 0.0f | | 8 | 6 | 129 | 0.24 | 1.00 | sx | BUD | 17001854 | BUD | | | 178 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.24 | 170.6 | Pg | 07:26:57.117 | 0.5 | | | | | T__ | | 574.1 | | --- | ML | 1.7 | 6754226 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.24 | 170.6 | Lg | 07:26:58.970 | -1.0 | | | | | T__ | | | | --- | | 6754227 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.68 | 352.1 | Lg | 07:27:16.189 | -0.8 | | | | | T__ | | | | --- | | 6754229 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.73 | 184.0 | Pg | 07:27:06.726 | 0.7 | | | | | T__ | | 47.5 | | --- | ML | 1.6 | 6754225 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.73 | 184.0 | Lg | 07:27:15.525 | -0.8 | | | | | T__ | | | | --- | | 6754228 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 0.79 | 40.8 | Lg | 07:27:19.433 | -0.6 | | | | | T__ | | | | --- | | 6754230 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| SIRR | 0.84 | 280.7 | Lg | 07:27:21.326 | -0.1 | | | | | T__ | | | | --- | | 6754231 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

BZS 1.00 240.2 Lg 07:27:24.583 -0.9 T__ --- 6754232 FDSN RO -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/07/21 | 07:50:41.06 | 0.93 | 0.93 | 46.8639 | 17.3225 | 4.4 | 4.0 | 56 | 0.0f | 18 | 14 | 125 | | 0.15 | 1.46 | kx | BUD | 17001856 | BUD | | | 161 |
| 2021/07/21 | 07:50:40.59 | 0.87 | 1.04 | 46.8548 | 17.2699f | | | | 0.0f | 18 | 14 | 147 | | 0.13 | 1.44 | kx | BUD_GT | 17001857 | BUD_GT | | | 175 |

(locality : Várvolgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.9 | 0.2 | 4 BUD_GT | 17001857 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.13 | 319.5 | Pg | 07:50:45.105 | 1.3 | | | | | T__ | | 12976.7 | | --- | ML | 2.8 | 6754358 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.13 | 319.5 | Lg | 07:50:46.363 | -0.1 | | | | | T__ | | | | --- | | 6754359 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.8 magdef=1 Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.22 | 171.8 | Lg | 07:50:49.035 | -0.2 | | | | | T__ | | | | --- | | 6754350 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.37 | 30.2 | Lg | 07:50:53.577 | -1.0 | | | | | T__ | | | | --- | | 6754351 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| EGYH | 0.56 | 4.3 | Lg | 07:51:00.662 | -0.5 | | | | | T__ | | | | --- | | 6754352 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.73 | 37.5 | Lg | 07:51:05.930 | -1.3 | | | | | T__ | | | | --- | | 6754353 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.78 | 54.8 | Pn | 07:50:57.921 | 0.1 | | | | | T__ | | 92.1 | | --- | ML | 1.9 | 6754360 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.78 | 54.8 | Lg | 07:51:07.795 | -1.6 | | | | | T__ | | | | --- | | 6754361 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.79 | 47.6 | Pg | 07:50:56.687 | 0.2 | | | | | T__ | | 102.8 | | --- | ML | 2.0 | 6754363 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.79 | 47.6 | Lg | 07:51:08.174 | -1.3 | | | | | T__ | | | | --- | | 6754362 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.85 | 52.7 | Lg | 07:51:09.788 | -1.9 | | | | | T__ | | | | --- | | 6754364 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.86 | 51.1 | Lg | 07:51:10.453 | -1.8 | | | | | T__ | | | | --- | | 6754365 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 0.96 | 142.9 | Pg | 07:51:00.480 | 0.5 | | | | | T__ | | 41.2 | | --- | ML | 1.6 | 6754355 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.96 | 142.9 | Lg | 07:51:13.015 | -0.5 | | | | | T__ | | | | --- | | 6754354 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.07 | 322.3 | Sn | 07:51:18.332 | 0.4 | | | | | T__ | | | | --- | | 6754367 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| HU09A | 1.09 | 43.6 | Sn | 07:51:17.858 | -0.8 | | | | | T__ | | | | --- | | 6754366 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.14 | 123.5 | Sn | 07:51:19.192 | -0.3 | | | | | T__ | | | | --- | | 6754356 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.44 | 318.8 | Lg | 07:51:28.297 | 0.8 | | | | | T__ | | | | --- | | 6754357 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/21 | 08:50:34.25 | 0.85 | 0.87 | 48.9670 | 18.3170 | 4.2 | 3.4 | 45 | 0.0f | 21 | 13 | 89 | | 0.19 | 1.69 | sx | BUD | 17001858 | BUD | | | 125 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 7 BUD | 17001858 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A331A | 0.19 | 341.0 | Pg | 08:50:37.667 | -0.6 | | | | | T__ | | 488.4 | | --- | ML | 1.5 | 6754452 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A331A | 0.19 | 341.0 | Lg | 08:50:40.300 | -0.8 | | | | | T__ | | | | --- | | 6754456 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.5 magdef=1
Station ML: 1.5 magdef=1)

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JAVC | 0.44 | 256.0 | Pg | 08:50:44.459 | 0.9 | T__ | 102.3 | --- | ML | 1.5 | 6754453 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.44 | 256.0 | Lg | 08:50:50.334 | -0.3 | T__ | | --- | | | 6754457 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.59 | 143.8 | Pg | 08:50:46.475 | 0.3 | T__ | 16.8 | --- | ML | 1.1 | 6754459 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.59 | 143.8 | Lg | 08:50:54.657 | -0.0 | T__ | | --- | | | 6754458 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.91 | 229.6 | Pg | 08:50:52.804 | 0.2 | T__ | | --- | | | 6754461 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.91 | 229.6 | Lg | 08:51:05.926 | -0.5 | T__ | | --- | | | 6754460 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 0.96 | 328.3 | Pg | 08:50:52.178 | 0.1 | T__ | 38.0 | --- | ML | 1.6 | 6754455 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 0.96 | 328.3 | Lg | 08:51:05.763 | 0.4 | T__ | | --- | | | 6754454 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ZST | 1.12 | 226.7 | Lg | 08:51:12.255 | -0.7 | T__ | | --- | | | 6754462 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| VRAC | 1.18 | 287.4 | Pg | 08:50:57.314 | 0.8 | T__ | 9.2 | --- | ML | 1.1 | 6754464 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 1.18 | 287.4 | Lg | 08:51:13.799 | 0.1 | T__ | | --- | | | 6754463 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.27 | 275.0 | Pg | 08:50:58.468 | 0.0 | T__ | 27.2 | --- | ML | 1.6 | 6754465 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.27 | 275.0 | Lg | 08:51:16.117 | -0.8 | T__ | | --- | | | 6754466 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 1.38 | 70.1 | Lg | 08:51:18.730 | -0.5 | T__ | | --- | | | 6754451 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| PSZ | 1.48 | 134.4 | Sn | 08:51:24.288 | 0.9 | T__ | | --- | | | 6754450 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| KECS | 1.52 | 107.8 | Sn | 08:51:21.887 | -1.8 | T__ | | --- | | | 6754467 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| JOS | 1.55 | 106.9 | Pn | 08:51:03.293 | 1.0 | T__ | 20.0 | --- | ML | 1.7 | 6754447 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.55 | 106.9 | Sn | 08:51:23.361 | -1.1 | T__ | | --- | | | 6754448 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.69 | 119.1 | Sn | 08:51:29.845 | 1.6 | T__ | | --- | | | 6754449 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/21 | 10:40:57.20 | 1.27 | 0.70 | 48.4929 | 20.7776 | 11.3 | 3.6 | 15 | 0.0f | | 8 | 5 | 211 | 0.16 | 0.82 | sx | BUD | 17001862 | BUD | | | 293 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.1 | 3 BUD | 17001862 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.16 | 271.1 | Pg | 10:41:00.823 | 0.2 | | | | | T__ | | 367.1 | | --- | ML | 1.3 | 6754556 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.16 | 271.1 | Lg | 10:41:03.064 | -0.2 | | | | | T__ | | | | --- | | 6754559 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.19 | 267.2 | Pg | 10:41:01.457 | 0.1 | | | | | T__ | 842.5 | | | --- | ML | 1.8 | 6754561 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.19 | 267.2 | Lg | 10:41:04.313 | -0.2 | | | | | T__ | | | | --- | | 6754560 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 122.4 | Pg | 10:41:05.233 | 0.4 | | | | | T__ | 85.3 | | | --- | ML | 1.2 | 6754558 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.37 | 122.4 | Lg | 10:41:09.931 | -1.3 | | | | | T__ | | | | --- | | 6754557 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.41 | 204.5 | Lg | 10:41:12.884 | 0.2 | | | | | T__ | | | | --- | | 6754562 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-------------|-------|--------|--------------|-----------|------|-------|------|-------|-----|------|------|------|-------|-----------|---------|----------|--------|-----|-------|------|------|-----|-----|---|
| PSZ | 0.82 | 226.1 | Lg | 10:41:26.543 | -0.5 | | | | | T__ | | | | | 6754563 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
| 2021/07/21 | 22:38:58.12 | 0.91 | 0.72 | 48.2427 | 16.7634 | 5.1 | 3.7 | 153 | 11.0f | 10 | 6 | 108 | 0.23 | 1.07 | ke | BUD | 17001868 | BUD | | | | 157 | | | |
| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| ZST | 0.23 | 101.5 | Pg | 22:39:04.262 | 0.9 | | | | | T__ | | | | | | 6755798 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.23 | 101.5 | Lg | 22:39:07.050 | -0.3 | | | | | T__ | | | | | | 6755799 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.37 | 68.9 | Pg | 22:39:05.917 | -0.0 | | | | | T__ | | | | | | 6755804 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.37 | 68.9 | Lg | 22:39:10.738 | -1.2 | | | | | T__ | | | | | | 6755803 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| RONA | 0.63 | 210.2 | Pg | 22:39:10.932 | 0.1 | | | | | T__ | | 71.6 | | ML | 1.7 | 6755800 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.63 | 210.2 | Lg | 22:39:18.438 | -0.8 | | | | | T__ | | | | | | 6755805 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.86 | 343.6 | Pg | 22:39:15.206 | 0.7 | | | | | T__ | | 50.6 | | ML | 1.7 | 6755801 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KRUC | 0.86 | 343.6 | Lg | 22:39:26.906 | -0.1 | | | | | T__ | | | | | | 6755806 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.93 | 259.3 | Lg | 22:39:28.000 | -0.1 | | | | | T__ | | | | | | 6755802 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| VRAC | 1.07 | 354.0 | Sn | 22:39:33.785 | 0.1 | | | | | T__ | | | | | | 6755807 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
| 2021/07/22 | 06:59:30.05 | 0.91 | 0.66 | 48.4004 | 19.5349 | 5.0 | 3.5 | 12 | 0.0f | 13 | 8 | 104 | 0.47 | 1.35 | sx | BUD | 17001870 | BUD | | | | 166 | | | |
| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
| ML | 1.4 | 0.2 | 5 | BUD | 17001870 | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| VYHS | 0.47 | 281.6 | Pg | 06:59:40.101 | 0.3 | | | | | T__ | | 13.0 | | | ML | 0.7 | 6757743 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.47 | 281.6 | Lg | 06:59:46.146 | -0.8 | | | | | T__ | | | | | | 6757744 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.50 | 175.0 | Lg | 06:59:48.537 | 0.3 | | | | | T__ | | | | | | 6757745 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 0.54 | 153.3 | Pg | 06:59:41.899 | 0.2 | | | | | T__ | | 43.1 | | ML | 1.4 | 6757741 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 0.54 | 153.3 | Lg | 06:59:50.028 | -0.2 | | | | | T__ | | | | | | 6757740 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.64 | 82.2 | Pg | 06:59:43.697 | 0.8 | | | | | T__ | | 74.4 | | ML | 1.7 | 6757742 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 0.64 | 82.2 | Lg | 06:59:52.582 | 0.1 | | | | | T__ | | | | | | 6757739 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.68 | 81.5 | Pg | 06:59:43.618 | 0.1 | | | | | T__ | | 46.9 | | ML | 1.5 | 6757737 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.68 | 81.5 | Lg | 06:59:52.843 | -0.9 | | | | | T__ | | | | | | 6757738 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.72 | 112.5 | Pg | 06:59:45.046 | 0.1 | | | | | T__ | | 25.5 | | ML | 1.3 | 6757747 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.72 | 112.5 | Lg | 06:59:54.999 | -1.2 | | | | | T__ | | | | | | 6757746 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 1.3 magdef=1
 NIE 1.14 26.1 Lg 07:00:08.223 0.1 T__ --- 6757749 FDSN PL -- BUD iLoc BHN ??? _
 CSKK 1.35 220.0 Sn 07:00:14.125 -0.7 T__ --- 6757748 FDSN HU -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/07/22 | 07:17:55.01 | 2.01 | 1.42 | 48.2322 | 21.2292 | 14.3 | 3.8 | 129 | 0.0f | 10 | 6 | 206 | 0.06 | 0.99 | kx | BUD | 17001872 | BUD | | | | 244 |
| 2021/07/22 | 07:17:55.02 | 0.95 | 1.35 | 48.2470 | 21.2460f | | | | 0.0f | 10 | 6 | 206 | 0.05 | 0.97 | kx | BUD_GT | 17001873 | BUD_GT | | | | 255 |

(locality : Tallya Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.9 | 0.0 | 5 BUD_GT | 17001873 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 07:17:57.500 | 0.9 | | | | | T__ | | 11017.0 | | _c_ | ML | 2.5 | 6757781 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 07:17:57.669 | -0.5 | | | | | T__ | | | | --- | | 6757782 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 07:18:06.047 | 0.5 | | | | | T__ | | 83.1 | | --- | ML | 1.6 | 6757783 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 07:18:11.805 | -1.9 | | | | | T__ | | | | --- | | 6757784 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 07:18:06.516 | 0.8 | | | | | T__ | | 68.4 | | --- | ML | 1.6 | 6757785 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 07:18:07.193 | 0.9 | | | | | T__ | | 114.5 | | --- | ML | 1.9 | 6757786 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 07:18:14.176 | -0.7 | | | | | T__ | | | | --- | | 6757787 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 07:18:13.447 | -1.4 | | | | | T__ | | 67.0 | | --- | ML | 1.9 | 6757789 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 07:18:27.205 | -2.6 | | | | | T__ | | | | --- | | 6757788 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Lg | 07:18:28.195 | -1.1 | | | | | T__ | | | | --- | | 6757790 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/22 | 08:43:14.55 | 3.41 | 0.15 | 48.4947 | 20.7157 | 22.9 | 6.2 | 53 | 0.0f | 7 | 4 | 288 | 0.12 | 1.25 | sx | BUD | 17001874 | BUD | | | | 355 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.1 | 4 BUD | 17001874 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.12 | 270.6 | Pg | 08:43:17.203 | 0.1 | | | | | T__ | | 323.9 | | --- | ML | 1.1 | 6757818 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.12 | 270.6 | Lg | 08:43:19.389 | 0.1 | | | | | T__ | | | | --- | | 6757822 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.15 | 265.8 | Pg | 08:43:17.646 | -0.2 | | | | | T__ | | 636.7 | | --- | ML | 1.5 | 6757819 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.15 | 265.8 | Lg | 08:43:20.561 | 0.1 | | | | | T__ | | | | --- | | 6757823 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |


```

HU02A  0.39 198.9 Pg      08:43:22.981 -0.0      T__      41.5      ___ ML      1.0 6757821      FDSN ZJ      00 BUD      iLoc HHZ HHZ _
HU02A  0.39 198.9 Lg      08:43:29.629  0.1      T__      ___      ___      6757824      FDSN ZJ      00 BUD      iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
VYHS   1.25 270.7 Pn      08:43:38.414  0.0      T__      10.2      ___ ML      1.2 6757820      FDSN SK      -- BUD      iLoc HHZ HHZ _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/22 08:47:10.47 1.05 0.34 46.1356 18.3076 11.3 3.7 159 0.0f 5 3 180 0.15 0.39 kx BUD 17001876 BUD 284
2021/07/22 08:47:10.55 1.01 0.69 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 17001877 BUD_GT 275
(locality : Komló Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

```

Sta      Dist EvAz Phase      Time      TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH    0.16 236.7 Pg      08:47:14.265 -0.2      T__      526.5      ___ ML      1.5 6757846      FDSN HU      -- BUD      iLoc HHZ HHZ _
KOVH    0.16 236.7 Lg      08:47:17.027 -0.5      T__      ___      ___      6757847      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH    0.25 80.9 Pg      08:47:16.141  0.1      T__      128.1      ___ ML      1.1 6757850      FDSN HU      -- BUD      iLoc HHZ HHZ _
MORH    0.25 80.9 Lg      08:47:19.998 -0.5      T__      ___      ___      6757849      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A266A   0.35 356.8 Lg      08:47:25.157  1.2      T__      ___      ___      6757848      FDSN Z3      00 BUD      iLoc HHN ??? _

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/22 11:11:00.34 1.03 1.56 47.5713 18.4839 6.8 3.4 103 0.0f 11 7 105 0.10 1.36 sx BUD 17001878 BUD 161

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.1 4 BUD 17001878

```

Sta      Dist EvAz Phase      Time      TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU09A   0.10 314.5 Pg      11:11:03.215  0.4      T__      1580.0      ___ ML      1.8 6757877      FDSN ZJ      00 BUD      iLoc HHZ HHZ _
HU09A   0.10 314.5 Lg      11:11:04.605 -0.6      T__      ___      ___      6757876      FDSN ZJ      00 BUD      iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MSW1    0.23 220.6 Pg      11:11:08.635  3.1      T__      175.3      ___ ML      1.2 6757880      FDSN HU      -- BUD      iLoc HHN HHZ _
MSW1    0.23 220.6 Lg      11:11:09.643 -0.5      T__      ___      ___      6757878      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK    0.26 216.1 Pg      11:11:05.752 -0.2      T__      158.0      ___ ML      1.2 6757881      FDSN HU      -- BUD      iLoc HHZ HHZ _
CSKK    0.26 216.1 Lg      11:11:09.156 -1.8      T__      ___      ___      6757882      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MSW2    0.33 214.6 Pg      11:11:07.628  0.3      T__      75.3      ___ ML      1.1 6757879      FDSN HU      -- BUD      iLoc HHZ HHZ _
MSW2    0.33 214.6 Lg      11:11:11.241 -2.0      T__      ___      ___      6757883      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1

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| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| VYHS | 0.95 | 14.2 | Lg | 11:11:33.685 | -0.0 | T__ | --- | 6757884 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| PSZ | 1.01 | 69.4 | Lg | 11:11:35.978 | -1.0 | T__ | --- | 6757885 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| MORH | 1.36 | 175.3 | Sn | 11:11:44.177 | -0.9 | T__ | --- | 6757886 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/23 | 08:59:26.63 | 0.96 | 0.59 | 48.4154 | 17.2623 | 5.8 | 3.9 | 81 | 0.0f | | 7 | 5 | 96 | 0.04 | 1.05 | sx | BUD | 17001880 | BUD | | | 168 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 3 BUD | 17001880 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.04 | 166.5 | Pg | 08:59:28.026 | -0.2 | | | | T__ | | | | | | _c_ | 6761393 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.04 | 166.5 | Lg | 08:59:29.511 | -0.2 | | | | T__ | | | | | | --- | 6761394 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.52 | 31.2 | Pg | 08:59:37.120 | -0.4 | | | | T__ | | | 116.1 | | --- | ML | 1.8 | 6761395 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.86 | 318.7 | Pg | 08:59:43.582 | 0.3 | | | | T__ | | | 20.0 | | --- | ML | 1.3 | 6761396 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.86 | 318.7 | Lg | 08:59:55.776 | -0.2 | | | | T__ | | | | | --- | | 6761397 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.97 | 222.5 | Pg | 08:59:45.875 | 0.1 | | | | T__ | | | 29.0 | | --- | ML | 1.5 | 6761398 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.05 | 85.1 | Lg | 09:00:03.958 | 1.0 | | | | T__ | | | | | --- | | 6761399 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/23 | 09:04:50.33 | 0.95 | 1.05 | 48.5420 | 20.7996 | 5.3 | 3.9 | 17 | 0.0f | | 14 | 8 | 150 | 0.18 | 1.31 | sx | BUD | 17001882 | BUD | | | 224 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 6 BUD | 17001882 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.18 | 255.1 | Pg | 09:04:54.628 | 0.5 | | | | T__ | | | 426.9 | | --- | ML | 1.4 | 6761432 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.18 | 255.1 | Lg | 09:04:57.121 | 0.0 | | | | T__ | | | | | --- | | 6761438 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 254.4 | Lg | 09:04:58.418 | -0.0 | | | | T__ | | | | | --- | | 6761439 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| ABAH | 0.38 | 129.8 | Pg | 09:04:58.866 | 0.6 | | | | T__ | | | 88.0 | | --- | ML | 1.3 | 6761441 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.38 | 129.8 | Lg | 09:05:03.853 | -1.1 | | | | T__ | | | | | --- | | 6761440 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.46 | 203.7 | Lg | 09:05:07.000 | -0.5 | | | | T__ | | | | | --- | | 6761437 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.87 | 224.5 | Pn | 09:05:08.971 | 0.1 | | | | T__ | | | 58.9 | | --- | ML | 1.8 | 6761433 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.87 | 224.5 | Lg | 09:05:20.160 | -1.6 | | | | T__ | | | | | --- | | 6761442 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.94 | 339.6 | Pg | 09:05:08.324 | 0.3 | | | | T__ | | | 20.0 | | --- | ML | 1.3 | 6761444 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.94 | 339.6 | Lg | 09:05:20.121 | -1.2 | | | | T__ | | | | | --- | | 6761443 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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HU03A  1.03 231.9 Pn      09:05:11.098  0.3      T__      58.9      ___ ML      1.8 6761434  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU03A  1.03 231.9 Lg      09:05:25.450 -1.1      T__      ___      ___      6761445  FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
VYHS   1.31 268.6 Pn      09:05:15.868  0.9      T__      11.0      ___ ML      1.3 6761436  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
VYHS   1.31 268.6 Sn      09:05:32.530 -2.0      T__      ___      ___      6761435  FDSN SK      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/07/23 11:00:58.54  1.93  0.50 47.9209  16.1190  17.1  4.3  31  0.0f      6  4 239  0.17  0.78  sx  BUD      17001884  BUD                298

```

```

Magnitude Err Nsta Author      OrigID
ML      0.8 0.2   3 BUD      17001884

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
CONA  0.17 272.5 Pg      11:01:02.202 -0.0      T__      106.2      ___ ML      0.8 6761539  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
CONA  0.17 272.5 Lg      11:01:04.513 -0.3      T__      ___      ___      6761540  FDSN OE      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
RONA  0.25 151.6 Pg      11:01:03.722 -0.1      T__      47.0      ___ ML      0.7 6761541  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
RONA  0.25 151.6 Lg      11:01:07.766  0.3      T__      ___      ___      6761542  FDSN OE      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A018A 0.72 256.2 Pg      11:01:13.295  0.7      T__      26.8      ___ ML      1.3 6761543  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ARSA  0.78 211.2 Lg      11:01:23.261 -0.3      T__      ___      ___      6761544  FDSN OE      -- BUD  iLoc  HHN ???  _

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/07/23 11:26:59.62  0.93  0.61 46.5050  16.9408  14.8  3.5 157  6.3 10.9 12  8 111  0.12  1.60  ke  BUD      17001886  BUD                166

```

```

Magnitude Err Nsta Author      OrigID
ML      1.7 0.1   5 BUD      17001886

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
BEHE  0.12 253.1 Pg      11:27:02.440 -0.1      T__      1084.0      _d_ ML      1.7 6761598  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
BEHE  0.12 253.1 Lg      11:27:04.783  0.0      T__      ___      ___      6761593  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A263A 0.29 62.1 Pg      11:27:05.784  0.0      T__      413.3      ___ ML      1.7 6761599  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A263A 0.29 62.1 Lg      11:27:10.165  0.1      T__      ___      ___      6761601  FDSN Z3      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOGS  0.48 263.4 Lg      11:27:15.972  0.4      T__      ___      ___      6761594  FDSN SL      -- BUD  iLoc  BHN ???  _
PTJ   0.90 228.8 Pg      11:27:17.326  0.0      T__      31.8      ___ ML      1.5 6761600  FDSN CR      -- BUD  iLoc  BHZ BHZ  _
PTJ   0.90 228.8 Lg      11:27:30.558  0.4      T__      ___      ___      6761602  FDSN CR      -- BUD  iLoc  BHN ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOVH  0.91 117.0 Lg      11:27:29.236 -0.2      T__      ___      ___      6761603  FDSN HU      -- BUD  iLoc  HHE ???  _

```

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|--|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| ARSA | 1.23 | 308.0 | Sn | 11:27:38.111 | -0.4 | T__ | | | | | | | | | 6761604 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| CRES | 1.23 | 237.2 | Pn | 11:27:22.566 | -0.2 | T__ | 16.1 | | | | | | | | 6761596 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 1.23 | 237.2 | Sn | 11:27:40.662 | 1.2 | T__ | | | | | | | | | 6761595 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.60 | 333.1 | Pn | 11:27:26.784 | -0.9 | T__ | 25.1 | | | | | | | | 6761597 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|----------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|--|
| 2021/07/24 | 07:57:38.04 | 1.02 | 0.48 | 46.1879 | 18.2786 | 9.2 | 3.7 | 152 | 0.0f | 5 | 3 | 147 | 0.16 | 0.34 | kx | BUD | 17001892 | BUD | | | | 274 | |
| 2021/07/24 | 07:57:38.06 | 1.01 | 0.47 | 46.1765 | 18.2926f | | | | 0.0f | 5 | 3 | 155 | 0.16 | 0.35 | kx | BUD_GT | 17001893 | BUD_GT | | | | 275 | |
| (locality : Komló Hungary) | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|-----|------|-----|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 07:57:42.128 | 0.2 | | | | | T__ | | 591.8 | | | _c_ ML | 1.5 | 6769101 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 07:57:44.378 | -0.6 | | | | | T__ | | | | | 6769102 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 07:57:43.820 | 0.3 | | | | | T__ | | 274.6 | | | ___ ML | 1.4 | 6769100 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 07:57:48.076 | 0.1 | | | | | T__ | | | | | 6769099 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Lg | 07:57:50.864 | -0.6 | | | | | T__ | | | | | 6769103 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/24 | 09:43:35.10 | 1.08 | 0.84 | 46.0053 | 22.7232 | 9.9 | 4.5 | 36 | 0.0f | 9 | 5 | 127 | 0.18 | 0.92 | sx | BUD | 17001894 | BUD | | | | 196 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.3 | 4 BUD | 17001894 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------|---------|--------|-----|------|-----|------|-----|-----|---|
| DEV | 0.18 | 134.1 | Pg | 09:43:38.815 | 0.4 | | | | | T__ | | 1542.5 | | | ___ ML | 2.0 | 6769129 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.18 | 134.1 | Lg | 09:43:40.588 | -0.3 | | | | | T__ | | | | | 6769135 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.61 | 176.5 | Pg | 09:43:46.946 | 0.1 | | | | | T__ | | 61.4 | | | ___ ML | 1.6 | 6769130 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.61 | 176.5 | Lg | 09:43:55.228 | -0.4 | | | | | T__ | | | | | 6769133 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.78 | 289.9 | Pg | 09:43:51.552 | 0.4 | | | | | T__ | | 35.6 | | | ___ ML | 1.5 | 6769131 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.78 | 289.9 | Lg | 09:44:02.370 | -0.3 | | | | | T__ | | | | | 6769132 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.79 | 359.4 | Lg | 09:44:01.509 | -1.5 | | | | | T__ | | | | | 6769134 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| LOT | 0.92 | 126.9 | Pg | 09:43:53.192 | 0.4 | | | | | T__ | | 66.3 | | | ___ ML | 1.8 | 6769128 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.92 | 126.9 | Lg | 09:44:05.218 | -1.0 | | | | | T__ | | | | | 6769136 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |

(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/24 | 10:49:07.28 | 1.05 | 1.05 | 45.9633 | 22.7043 | 6.5 | 5.0 | 65 | 0.0f | | 8 | 5 | 119 | 0.16 | 0.91 | sx | BUD | 17001896 | BUD | | | 233 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.0 | 3 BUD | 17001896 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.16 | 119.9 | Pg | 10:49:10.658 | 0.3 | | | | | T__ | | 541.9 | | ___ | ML | 1.5 | 6769191 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.16 | 119.9 | Lg | 10:49:12.124 | -0.5 | | | | | T__ | | | | --- | | 6769192 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.57 | 174.9 | Pg | 10:49:18.651 | 0.3 | | | | | T__ | | 57.4 | | ___ | ML | 1.6 | 6769188 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.57 | 174.9 | Lg | 10:49:26.603 | 0.1 | | | | | T__ | | | | --- | | 6769189 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.83 | 0.3 | Pg | 10:49:24.437 | 0.5 | | | | | T__ | | 40.6 | | ___ | ML | 1.6 | 6769193 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.83 | 0.3 | Lg | 10:49:35.068 | -1.4 | | | | | T__ | | | | --- | | 6769190 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.84 | 245.9 | Lg | 10:49:34.624 | -0.9 | | | | | T__ | | | | --- | | 6769195 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| LOT | 0.91 | 124.2 | Lg | 10:49:36.566 | -1.4 | | | | | T__ | | | | --- | | 6769194 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/24 | 18:35:11.86 | 0.99 | 0.39 | 47.3971 | 18.1886 | 5.5 | 2.8 | 12 | 5.0f | | 10 | 5 | 174 | 0.04 | 0.18 | ke | BUD | 17001898 | BUD | | | 203 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.0 | 5 BUD | 17001898 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW3 | 0.04 | 251.8 | Pg | 18:35:13.446 | 0.1 | | | | | T__ | | 659.0 | | _d | ML | 1.2 | 6770847 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.04 | 251.8 | Lg | 18:35:14.310 | -0.5 | | | | | T__ | | | | --- | | 6770848 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.05 | 95.0 | Pg | 18:35:13.581 | 0.1 | | | | | T__ | | 647.8 | | ___ | ML | 1.2 | 6770854 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.05 | 95.0 | Lg | 18:35:14.444 | -0.6 | | | | | T__ | | | | --- | | 6770853 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.06 | 124.8 | Pg | 18:35:13.878 | 0.2 | | | | | T__ | | 620.8 | | ___ | ML | 1.3 | 6770851 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 124.8 | Lg | 18:35:15.106 | -0.2 | | | | | T__ | | | | --- | | 6770852 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.10 | 170.9 | Pg | 18:35:14.540 | 0.3 | | | | | T__ | | 367.8 | | _c | ML | 1.1 | 6770850 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.10 | 170.9 | Lg | 18:35:16.257 | -0.2 | | | | | T__ | | | | --- | | 6770849 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.18 | 280.9 | Pg | 18:35:16.285 | 0.4 | | | | | T__ | | 113.4 | | ___ | ML | 0.9 | 6770855 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.18 | 280.9 | Lg | 18:35:18.856 | -0.3 | | | | | T__ | | | | --- | | 6770856 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 0.9 magdef=1
 (Station ML: 0.9 magdef=0

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/26 | 09:21:15.12 | 1.31 | 0.61 | 48.5341 | 20.8190 | 7.4 | 5.3 | 41 | 0.0f | | 12 | 7 | 151 | 0.19 | 1.32 | sx | BUD | 17001904 | BUD | | | 226 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 5 BUD | 17001904 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 258.5 | Pg | 09:21:19.614 | 0.5 | | | | | T__ | | 419.2 | | ___ | ML | 1.5 | 6775942 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 258.5 | Lg | 09:21:22.285 | 0.0 | | | | | T__ | | | | --- | | 6775948 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 257.2 | Pg | 09:21:20.046 | 0.2 | | | | | T__ | | 985.8 | | ___ | ML | 1.9 | 6775943 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 257.2 | Lg | 09:21:23.380 | -0.2 | | | | | T__ | | | | --- | | 6775949 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 130.2 | Lg | 09:21:29.164 | -0.1 | | | | | T__ | | | | --- | | 6775950 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| HU02A | 0.46 | 205.6 | Pg | 09:21:24.990 | 0.2 | | | | | T__ | | 44.8 | | ___ | ML | 1.2 | 6775947 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 205.6 | Lg | 09:21:32.323 | 0.1 | | | | | T__ | | | | --- | | 6775944 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.87 | 225.4 | Pg | 09:21:33.542 | -0.0 | | | | | T__ | | 46.3 | | ___ | ML | 1.7 | 6775952 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.87 | 225.4 | Lg | 09:21:45.581 | -1.1 | | | | | T__ | | | | --- | | 6775951 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.95 | 339.0 | Lg | 09:21:45.939 | -0.6 | | | | | T__ | | | | --- | | 6775945 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| VYHS | 1.32 | 269.0 | Pn | 09:21:39.607 | -0.3 | | | | | T__ | | 14.9 | | ___ | ML | 1.4 | 6775946 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.32 | 269.0 | Sn | 09:21:58.401 | -1.2 | | | | | T__ | | | | --- | | 6775953 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/26 | 11:01:49.21 | 0.88 | 0.83 | 48.7743 | 18.0762 | 3.9 | 3.4 | 11 | 0.0f | | 14 | 8 | 114 | 0.28 | 1.70 | sx | BUD | 17001908 | BUD | | | 219 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.0 | 5 BUD | 17001908 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JAVC | 0.28 | 287.7 | Pg | 11:01:55.790 | 0.4 | | | | | T__ | | 127.9 | | ___ | ML | 1.2 | 6776059 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.28 | 287.7 | Lg | 11:01:59.231 | -1.1 | | | | | T__ | | | | --- | | 6776065 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A331A | 0.39 | 14.2 | Pg | 11:01:57.146 | 0.2 | | | | | T__ | | 68.4 | | ___ | ML | 1.2 | 6776060 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A331A | 0.39 | 14.2 | Lg | 11:02:01.263 | -1.2 | | | | | T__ | | | | --- | | 6776062 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.58 | 118.8 | Pg | 11:02:01.304 | 0.4 | | | | | T__ | | 16.1 | | ___ | ML | 1.0 | 6776061 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.58 | 118.8 | Lg | 11:02:09.121 | -0.3 | | | | | T__ | | | | --- | | 6776066 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
MODS 0.67 233.2 Pg 11:02:03.027 0.2 T__ --- 6776058 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.67 233.2 Lg 11:02:12.709 -0.5 T__ --- 6776067 FDSN SK -- BUD iLoc HHN ??? _
MORC 1.06 341.0 Pg 11:02:10.005 1.0 T__ 35.3 --- ML 1.6 6776064 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.06 341.0 Lg 11:02:23.772 -0.1 T__ --- 6776063 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
VRAC 1.11 299.3 Pg 11:02:10.740 0.5 T__ 9.6 --- ML 1.1 6776069 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.11 299.3 Lg 11:02:25.986 -0.5 T__ --- 6776068 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KRUC 1.15 285.2 Lg 11:02:27.483 -0.3 T__ --- 6776070 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.70 241.0 Sn 11:02:44.771 1.7 T__ --- 6776071 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/26 13:31:41.79 0.98 0.72 47.6088 16.4196 6.2 4.0 145 0.0f 14 9 86 0.12 1.17 sx BUD 17001910 BUD 138

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 5 BUD 17001910

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SOP 0.12 51.5 Pg 13:31:45.441 0.9 T__ 100.3 --- ML 0.6 6776723 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.12 51.5 Lg 13:31:47.082 0.4 T__ --- 6776717 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
RONA 0.12 317.5 Pg 13:31:44.636 0.0 T__ 326.4 --- ML 1.2 6776715 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 317.5 Lg 13:31:46.694 -0.0 T__ --- 6776714 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A011B 0.37 237.5 Lg 13:31:53.298 -0.7 T__ --- 6776724 FDSN Z3 00 BUD iLoc HHZ ??? _
CONA 0.49 310.5 Pg 13:31:51.751 0.1 T__ 65.2 --- ML 1.5 6776712 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.49 310.5 Lg 13:31:58.056 -0.3 T__ --- 6776713 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ARSA 0.71 239.8 Pg 13:31:55.414 -0.1 T__ 34.3 --- ML 1.4 6776718 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A018A 0.92 279.0 Pg 13:31:59.865 0.3 T__ 41.0 --- ML 1.6 6776725 FDSN Z3 00 BUD iLoc HHZ HHZ _
A018A 0.92 279.0 Lg 13:32:11.413 0.3 T__ --- 6776716 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
MODS 0.96 36.7 Pg 13:32:01.292 0.0 T__ --- 6776719 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.96 36.7 Lg 13:32:14.673 -1.4 T__ --- 6776720 FDSN SK -- BUD iLoc HHN ??? _
HU08A 1.03 99.3 Sn 13:32:16.763 -1.4 T__ --- 6776721 FDSN ZJ 00 BUD iLoc HHN ??? _
KOGS 1.17 185.8 Lg 13:32:19.634 0.1 T__ --- 6776722 FDSN SL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/27 07:19:39.54 1.12 1.39 47.3586 18.4204 6.3 4.0 134 0.0f 15 12 112 0.11 1.29 sx BUD 17001912 BUD 132

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 3 BUD 17001912

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.11 | 272.4 | Pg | 07:19:43.082 | 0.7 | | | | | T__ | | 1464.7 | | _c | ML | 1.8 | 6777557 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.11 | 272.4 | Lg | 07:19:44.024 | -1.1 | | | | | T__ | | | | --- | | 6777559 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.11 | 287.4 | Pg | 07:19:43.592 | 1.1 | | | | | T__ | | 1140.2 | | --- | ML | 1.7 | 6777568 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.11 | 287.4 | Lg | 07:19:44.674 | -0.6 | | | | | T__ | | | | --- | | 6777569 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.15 | 248.5 | Lg | 07:19:45.427 | -1.2 | | | | | T__ | | | | --- | | 6777570 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW3 | 0.20 | 277.1 | Lg | 07:19:47.120 | -1.0 | | | | | T__ | | | | --- | | 6777571 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.28 | 354.8 | Lg | 07:19:50.193 | -0.7 | | | | | T__ | | | | --- | | 6777560 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.35 | 282.3 | Lg | 07:19:51.712 | -1.3 | | | | | T__ | | | | --- | | 6777561 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.63 | 252.9 | Lg | 07:20:01.122 | -0.9 | | | | | T__ | | | | --- | | 6777562 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.63 | 39.5 | Lg | 07:20:02.088 | -1.1 | | | | | T__ | | | | --- | | 6777563 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.14 | 60.1 | Sn | 07:20:18.506 | -1.2 | | | | | T__ | | | | --- | | 6777565 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.15 | 172.3 | Lg | 07:20:18.234 | -2.1 | | | | | T__ | | | | --- | | 6777564 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.17 | 13.7 | Lg | 07:20:19.033 | -1.3 | | | | | T__ | | | | --- | | 6777566 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.29 | 190.0 | Pn | 07:20:06.020 | 2.4 | | | | | T__ | | 51.1 | | --- | ML | 1.9 | 6777558 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.29 | 190.0 | Sn | 07:20:22.135 | -0.4 | | | | | T__ | | | | --- | | 6777567 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/27 | 08:30:03.86 | 1.36 | 0.73 | 48.4684 | 17.6048 | 10.3 | 3.4 | 116 | 0.0f | | 14 | 8 | 222 | 0.24 | 1.62 | sx | BUD | 17001914 | BUD | | | 267 |

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD 17001914

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.24 | 246.6 | Pg | 08:30:09.076 | -0.1 | | | | | T__ | | | | --- | | 6777603 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.24 | 246.6 | Lg | 08:30:12.483 | -1.1 | | | | | T__ | | | | --- | | 6777616 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.39 | 6.3 | Pg | 08:30:12.384 | 0.1 | | | | | T__ | | 104.7 | | --- | ML | 1.4 | 6777605 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.39 | 6.3 | Lg | 08:30:18.053 | -0.8 | | | | | T__ | | | | --- | | 6777608 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.43 | 231.1 | Pg | 08:30:13.361 | 0.5 | | | | | T__ | | | | --- | | 6777609 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.43 | 231.1 | Lg | 08:30:18.538 | -1.3 | | | | | T__ | | | | --- | | 6777604 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.00 | 307.0 | Pg | 08:30:23.976 | 1.0 | | | | | T__ | | 28.9 | | --- | ML | 1.5 | 6777610 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.00 | 307.0 | Lg | 08:30:37.153 | -0.5 | | | | | T__ | | | | --- | | 6777606 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.07 | 321.9 | Lg | 08:30:39.823 | -0.1 | | | | | T__ | | | | --- | | 6777611 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.17 | 229.2 | Pg | 08:30:27.230 | 0.3 | | | | | T__ | | 27.0 | | --- | ML | 1.6 | 6777607 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.17 | 229.2 | Lg | 08:30:42.438 | 0.3 | | | | | T__ | | | | --- | | 6777612 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.29 | 245.8 | Pn | 08:30:29.053 | 0.3 | | | | | T__ | | 28.5 | | --- | ML | 1.7 | 6777614 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.29 | 245.8 | Lg | 08:30:46.438 | 0.7 | | | | | T__ | | | | --- | | 6777613 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1
 TREC 1.62 301.4 Sn 08:30:55.746 0.1 T__ --- 6777615 FDSN CZ -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/27 | 08:34:03.93 | 1.17 | 0.72 | 46.1080 | 22.8058 | 8.4 | 4.6 | 43 | 0.0f | | 12 | 7 | 87 | 0.23 | 1.45 | sx | BUD | 17001916 | BUD | | | 139 |

Magnitude Err Nsta Author OrigID
 ML 1.6 0.2 5 BUD 17001916

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.23 | 163.1 | Pg | 08:34:08.809 | 0.4 | | | | | T__ | | 748.1 | | --- | ML | 1.8 | 6777654 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.23 | 163.1 | Lg | 08:34:10.769 | -0.9 | | | | | T__ | | | | --- | | 6777648 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.69 | 354.6 | Lg | 08:34:28.538 | -0.4 | | | | | T__ | | | | --- | | 6777656 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.72 | 181.6 | Pg | 08:34:17.846 | 0.2 | | | | | T__ | | 46.7 | | --- | ML | 1.6 | 6777650 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.72 | 181.6 | Lg | 08:34:27.076 | -0.7 | | | | | T__ | | | | --- | | 6777649 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.81 | 281.7 | Pg | 08:34:20.307 | -0.2 | | | | | T__ | | 29.5 | | --- | ML | 1.4 | 6777653 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.81 | 281.7 | Lg | 08:34:32.538 | 0.2 | | | | | T__ | | | | --- | | 6777657 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.94 | 134.0 | Pg | 08:34:22.769 | 0.8 | | | | | T__ | | 49.0 | | --- | ML | 1.7 | 6777651 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.94 | 134.0 | Lg | 08:34:34.461 | -1.3 | | | | | T__ | | | | --- | | 6777652 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.97 | 239.8 | Pg | 08:34:23.424 | 0.7 | | | | | T__ | | 22.1 | | --- | ML | 1.4 | 6777655 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.97 | 239.8 | Lg | 08:34:36.384 | 0.1 | | | | | T__ | | | | --- | | 6777658 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARCR | 1.45 | 46.9 | Sn | 08:34:51.153 | -0.3 | | | | | T__ | | | | --- | | 6777659 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/27 | 09:03:17.27 | 2.70 | 0.37 | 48.3894 | 20.6579 | 22.5 | 5.0 | 87 | 0.0f | | 8 | 5 | 234 | 0.13 | 1.22 | sx | BUD | 17001918 | BUD | | | 264 |

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 3 BUD 17001918

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.13 | 323.5 | Pg | 09:03:20.187 | 0.0 | | | | | T__ | | 364.0 | | --- | ML | 1.2 | 6777687 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.13 | 323.5 | Lg | 09:03:22.302 | -0.2 | | | | | T__ | | | | --- | | 6777690 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.15 | 309.4 | Pg | 09:03:20.605 | 0.1 | | | | | T__ | | 1052.6 | | --- | ML | 1.7 | 6777688 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.15 | 309.4 | Lg | 09:03:23.105 | 0.0 | | | | | T__ | | | | --- | | 6777691 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.28 | 198.4 | Lg | 09:03:28.390 | -0.0 | | | | | T__ | | | | --- | | 6777692 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| PSZ | 0.70 | 227.6 | Pg | 09:03:32.008 | -0.1 | T__ | 26.5 | ___ | ML | 1.3 | 6777693 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.70 | 227.6 | Lg | 09:03:42.931 | 0.2 | T__ | | --- | | | 6777689 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VVHS | 1.22 | 275.6 | Sn | 09:03:58.356 | -0.8 | T__ | | --- | | | 6777694 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/27 | 09:21:00.31 | 1.00 | 0.90 | 47.9746 | 16.0054 | 5.4 | 4.0 | 166 | 0.0f | 10 | 7 | 123 | 0.11 | 1.12 | sx | BUD | 17001920 | BUD | | | | 155 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.2 | 3 BUD | 17001920 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.11 | 244.4 | Pg | 09:21:02.483 | -0.2 | | | | | T__ | | 367.2 | | _d | ML | 1.2 | 6777768 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.11 | 244.4 | Lg | 09:21:03.246 | -1.2 | | | | | T__ | | | | --- | | 6777767 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.34 | 144.4 | Pg | 09:21:06.906 | -0.4 | | | | | T__ | | 22.9 | | ___ | ML | 0.6 | 6777769 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.34 | 144.4 | Lg | 09:21:11.718 | -0.3 | | | | | T__ | | | | --- | | 6777770 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A002B | 0.55 | 45.2 | Lg | 09:21:19.868 | 0.1 | | | | | T__ | | | | --- | | 6777772 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| A011B | 0.57 | 183.2 | Lg | 09:21:19.223 | 0.5 | | | | | T__ | | | | --- | | 6777771 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| A018A | 0.67 | 250.1 | Pg | 09:21:13.764 | 0.5 | | | | | T__ | | 26.5 | | ___ | ML | 1.3 | 6777766 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.67 | 250.1 | Lg | 09:21:22.006 | 0.4 | | | | | T__ | | | | --- | | 6777765 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.79 | 204.4 | Lg | 09:21:27.373 | 1.7 | | | | | T__ | | | | --- | | 6777773 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| KRUC | 1.12 | 13.2 | Lg | 09:21:38.853 | 0.6 | | | | | T__ | | | | --- | | 6777774 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/27 | 09:57:42.88 | 1.22 | 2.05 | 46.1301 | 18.1159 | 53.3 | 3.5 | 157 | 0.0f | 5 | 3 | 144 | 0.04 | 1.11 | sx | BUD | 17001922 | BUD | | | | 262 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.04 | 194.9 | Pg | 09:57:44.320 | -0.2 | | | | | T__ | | 964.9 | | ___ | ML | 1.4 | 6777820 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.04 | 194.9 | Lg | 09:57:44.522 | -1.5 | | | | | T__ | | | | --- | | 6777819 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.38 | 76.8 | Pg | 09:57:51.076 | 0.2 | | | | | T__ | | 38.8 | | ___ | ML | 0.9 | 6777818 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.38 | 76.8 | Lg | 09:57:56.615 | -0.5 | | | | | T__ | | | | --- | | 6777817 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.11 | 339.3 | Sn | 09:58:18.846 | -2.4 | | | | | T__ | | | | --- | | 6777816 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/07/27 | 11:01:07.75 | 0.90 | 1.48 | 48.2158 | 21.2372 | 4.8 | 3.9 | 0 | 0.0f | 19 | 12 | 51 | 0.08 | 1.35 | kx | BUD | 17001924 | BUD | | | | 93 |
| 2021/07/27 | 11:01:07.73 | 0.87 | 1.42 | 48.2470 | 21.2460f | | | | 0.0f | 19 | 12 | 52 | 0.05 | 1.33 | kx | BUD_GT | 17001925 | BUD_GT | | | | 102 |

(locality : Tállya Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 2.1 0.2 6 BUD_GT 17001925

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 11:01:10.230 | 0.9 | | | | | T__ | | 15832.7 | | ___ | ML | 2.6 6777856 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 11:01:10.778 | -0.1 | | | | | T__ | | | | --- | | 6777861 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 11:01:18.538 | 0.2 | | | | | T__ | | 108.7 | | ___ | ML | 1.7 6777857 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 11:01:25.030 | -1.4 | | | | | T__ | | | | --- | | 6777862 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 0.52 | 120.5 | Lg | 11:01:25.936 | -1.7 | | | | | T__ | | | | --- | | 6777863 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| JOS | 0.53 | 298.1 | Pg | 11:01:19.923 | 1.5 | | | | | T__ | | 137.9 | | --- | ML | 1.9 6777858 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 11:01:26.269 | -0.4 | | | | | T__ | | | | --- | | 6777864 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Lg | 11:01:27.080 | -0.5 | | | | | T__ | | | | --- | | 6777865 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| HU05A | 0.70 | 186.1 | Lg | 11:01:31.608 | -2.3 | | | | | T__ | | | | --- | | 6777866 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| TRPA | 0.87 | 97.2 | Pn | 11:01:25.602 | -0.5 | | | | | T__ | | 152.5 | | --- | ML | 2.2 6777868 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 11:01:37.423 | -1.8 | | | | | T__ | | | | --- | | 6777867 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.90 | 228.1 | Lg | 11:01:38.186 | -2.1 | | | | | T__ | | | | --- | | 6777869 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| PSZ | 0.96 | 250.6 | Pg | 11:01:28.769 | 0.7 | | | | | T__ | | 93.8 | | --- | ML | 2.0 6777859 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 11:01:40.188 | -2.3 | | | | | T__ | | | | --- | | 6777870 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 11:01:27.795 | 0.1 | | | | | T__ | | | | --- | | 6777873 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KOLS | 0.97 | 44.4 | Lg | 11:01:40.760 | -1.2 | | | | | T__ | | | | --- | | 6777872 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ |
| LTVH | 0.97 | 152.7 | Pg | 11:01:28.769 | 1.4 | | | | | T__ | | 360.1 | | --- | ML | 2.6 6777860 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| LTVH | 0.97 | 152.7 | Lg | 11:01:40.283 | -2.1 | | | | | T__ | | | | --- | | 6777871 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.33 | 332.3 | Lg | 11:01:51.151 | -1.2 | | | | | T__ | | | | --- | | 6777874 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/07/28 | 06:54:33.87 | 1.43 | 1.00 | 48.0375 | 20.7025 | 9.3 | 4.7 | 173 | 0.0f | 8 | 5 | 203 | 0.15 | 0.56 | kx | BUD | 17001928 | BUD | | | | 271 |
| 2021/07/28 | 06:54:34.47 | 0.95 | 0.87 | 48.0750 | 20.6990f | | | | 0.0f | 8 | 5 | 195 | 0.13 | 0.56 | kx | BUD_GT | 17001929 | BUD_GT | | | | 268 |

(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.1 0.0 3 BUD_GT 17001929

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| HU02A | 0.13 | 292.1 | Pg | 06:54:37.937 | 0.3 | | | | | T__ | | 299.0 | | ___ | ML | 1.1 6781352 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.13 | 292.1 | Lg | 06:54:39.552 | -0.8 | | | | | T__ | | | | --- | | 6781354 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.1 magdef=1
ABAH 0.42 58.4 Pg 06:54:43.404 0.2 T__ 44.3 --- ML 1.1 6781353 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.42 58.4 Lg 06:54:49.712 -1.0 T__ --- 6781355 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.43 340.8 Lg 06:54:50.111 0.1 T__ --- 6781356 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.43 345.9 Pg 06:54:44.364 1.1 T__ 44.1 --- ML 1.2 6781358 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.43 345.9 Lg 06:54:49.825 -0.3 T__ --- 6781357 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.56 254.1 Lg 06:54:54.005 -1.5 T__ --- 6781359 FDSN GE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/28 07:45:41.65 3.85 0.78 48.5180 20.8035 22.1 11.2 63 0.0f 7 5 295 0.18 1.31 sx BUD 17001930 BUD 316

```

```
Magnitude Err Nsta Author OrigID
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 262.9 Pg 07:45:45.552 0.1 T__ 130.5 --- ML 0.9 6781399 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 262.9 Lg 07:45:48.282 -0.1 T__ --- 6781400 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KECS 0.21 260.8 Pg 07:45:46.026 -0.1 T__ 205.1 --- ML 1.2 6781401 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 260.8 Lg 07:45:49.712 0.0 T__ --- 6781402 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.44 205.2 Lg 07:45:58.068 -0.1 T__ --- 6781403 FDSN ZJ 00 BUD iLoc HHE ??? _
PSZ 0.85 225.7 Lg 07:46:12.742 0.2 T__ --- 6781405 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.31 269.7 Sn 07:46:24.310 -1.5 T__ --- 6781404 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/28 10:01:18.60 0.90 1.72 48.1464 16.9424 8.3 3.0 141 0.0f 14 9 150 0.12 1.32 sx BUD 17001934 BUD 159

```

```
Magnitude Err Nsta Author OrigID
ML 1.4 0.2 3 BUD 17001934
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ZST 0.12 65.0 Pg 10:01:22.461 0.9 T__ --- 6781453 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.12 65.0 Lg 10:01:23.653 -0.5 T__ --- 6781462 FDSN SK -- BUD iLoc HHN ??? _
MODS 0.32 44.4 Pg 10:01:25.884 0.3 T__ --- 6781458 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.32 44.4 Lg 10:01:29.923 -1.2 T__ --- 6781460 FDSN SK -- BUD iLoc HHN ??? _
RONA 0.62 224.4 Pg 10:01:31.076 -0.0 T__ 36.1 --- ML 1.4 6781463 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.62 224.4 Lg 10:01:38.230 -1.2 T__ --- 6781464 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
CONA 0.76 253.6 Pg 10:01:34.384 0.8 T__ 22.6 --- ML 1.3 6781454 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.76 253.6 Lg 10:01:42.692 -0.9 T__ --- 6781465 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
JAVC 0.86 33.9 Pg 10:01:36.995 0.7 T__ 35.1 --- ML 1.5 6781459 FDSN CZ -- BUD iLoc HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|----|--------------|------|-----|--|--|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| JAVC | 0.86 | 33.9 | Lg | 10:01:48.341 | -1.3 | T__ | | | | | | | | | 6781461 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.99 | 338.6 | Lg | 10:01:51.797 | -0.3 | T__ | | | | | | | | | 6781466 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.31 | 73.9 | Sn | 10:01:58.076 | -4.9 | T__ | | | | | | | | | 6781455 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| ARSA | 1.31 | 227.4 | Lg | 10:02:00.846 | 0.5 | T__ | | | | | | | | | 6781456 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| A018A | 1.32 | 252.9 | Lg | 10:02:01.461 | 0.8 | T__ | | | | | | | | | 6781457 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/07/28 | 10:31:43.90 | 2.82 | 1.53 | 48.8386 | 20.4832 | 17.0 | 7.9 | 20 | 0.0f | | 8 | 6 | 243 | 0.35 | 1.15 | sx | BUD | 17001936 | BUD | | | 293 |

Magnitude Err Nsta Author OrigID

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| JOS | 0.35 | 173.8 | Pg | 10:31:51.647 | 0.8 | | | | | T__ | | 65.3 | | | ML | 1.1 | 6781490 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.35 | 173.8 | Lg | 10:31:56.435 | 0.2 | | | | | T__ | | | | | | 6781491 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.36 | 179.7 | Pg | 10:31:51.837 | 0.7 | | | | | T__ | | 114.9 | | | ML | 1.3 | 6781489 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.36 | 179.7 | Lg | 10:31:56.718 | 0.1 | | | | | T__ | | | | | | 6781492 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.72 | 177.8 | Lg | 10:32:08.602 | -1.3 | | | | | T__ | | | | | | 6781494 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.74 | 136.9 | Lg | 10:32:08.320 | -2.5 | | | | | T__ | | | | | | 6781493 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.00 | 203.3 | Lg | 10:32:18.506 | -1.2 | | | | | T__ | | | | | | 6781495 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.15 | 253.1 | Lg | 10:32:22.184 | -1.1 | | | | | T__ | | | | | | 6781496 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/07/28 | 10:37:57.11 | 1.14 | 1.04 | 48.8635 | 20.5086 | 8.7 | 5.5 | 90 | 0.0f | | 11 | 7 | 142 | 0.37 | 1.17 | sx | BUD | 17001938 | BUD | | | 242 |

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 5 BUD 17001938

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| JOS | 0.37 | 176.8 | Pg | 10:38:04.923 | 0.4 | | | | | T__ | | 214.0 | | | ML | 1.7 | 6781523 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.37 | 176.8 | Lg | 10:38:10.846 | 0.6 | | | | | T__ | | | | | | 6781524 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.38 | 182.3 | Pg | 10:38:05.000 | 0.2 | | | | | T__ | | 256.4 | | | ML | 1.8 | 6781526 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.38 | 182.3 | Lg | 10:38:10.615 | -0.1 | | | | | T__ | | | | | | 6781525 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.57 | 346.2 | Lg | 10:38:15.881 | -0.3 | | | | | T__ | | | | | | 6781529 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU02A | 0.74 | 179.1 | Pg | 10:38:12.846 | 0.4 | | | | | T__ | | 65.3 | | | ML | 1.7 | 6781527 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.75 | 139.2 | Pg | 10:38:12.528 | 0.6 | | | | | T__ | | 99.7 | | | ML | 1.9 | 6781531 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.75 | 139.2 | Lg | 10:38:22.589 | -1.6 | | | | | T__ | | | | | | 6781530 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |

```

PSZ 1.03 203.6 Pn 10:38:18.397 0.4 T__ 63.4 ___ ML 1.9 6781532 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.03 203.6 Lg 10:38:32.153 -1.8 T__ ___ 6781528 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 1.17 85.9 Lg 10:38:35.352 -1.2 T__ ___ 6781533 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/28 10:47:10.13 3.26 0.66 48.1764 20.4915 38.2 4.6 120 0.0f 6 3 231 0.31 0.48 kx BUD 17001940 BUD 353
2021/07/28 10:47:07.40 1.03 1.02 48.0750 20.6990f 0.0f 6 3 268 0.43 0.56 kx BUD_GT 17001941 BUD_GT 354
(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.3 3 BUD_GT 17001941

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.43 340.8 Pg 10:47:16.180 -0.1 T__ 116.2 ___ ML 1.6 6781578 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.43 340.8 Lg 10:47:22.111 -0.9 T__ ___ 6781580 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.43 345.9 Pg 10:47:16.705 0.5 T__ 51.1 ___ ML 1.2 6781579 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.43 345.9 Lg 10:47:21.793 -1.2 T__ ___ 6781581 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.56 254.1 Pg 10:47:20.900 1.3 T__ 89.2 ___ ML 1.8 6781583 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.56 254.1 Lg 10:47:27.465 -1.0 T__ ___ 6781582 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/28 12:08:56.54 1.25 0.63 48.0175 16.1828 7.5 5.4 29 0.0f 7 4 158 0.23 1.05 sx BUD 17001942 BUD 276

```

```

Magnitude Err Nsta Author OrigID
ML 0.8 0.1 3 BUD 17001942

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.23 247.6 Pg 12:09:01.923 0.5 T__ 79.3 ___ ML 0.8 6781825 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.23 247.6 Lg 12:09:03.863 -0.9 T__ ___ 6781829 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
RONA 0.33 166.4 Pg 12:09:03.576 0.3 T__ 36.7 ___ ML 0.8 6781827 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.33 166.4 Lg 12:09:07.497 -0.4 T__ ___ 6781826 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
A018A 0.79 250.2 Pg 12:09:11.937 0.0 T__ 26.1 ___ ML 1.4 6781830 FDSN Z3 00 BUD iLoc HHZ HHZ _
A018A 0.79 250.2 Lg 12:09:21.757 -0.1 T__ ___ 6781828 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KRUC 1.05 7.6 Lg 12:09:31.895 -0.5 T__ ___ 6781831 FDSN CZ -- BUD iLoc HHE ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/29 | 09:00:05.93 | 1.05 | 0.72 | 48.4077 | 17.3181 | 8.1 | 2.9 | 116 | 0.0f | 12 | 7 | 187 | 0.04 | 1.09 | sx | BUD | 17001944 | BUD | | | | 241 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.8 | 0.1 | 4 BUD | 17001944 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| MODS | 0.04 | 218.5 | Pg | 09:00:07.323 | -0.2 | | | | | T__ | | | | | | 6787934 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.04 | 218.5 | Lg | 09:00:08.438 | -0.6 | | | | | T__ | | | | | | 6787936 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| ZST | 0.26 | 214.3 | Lg | 09:00:15.701 | -0.3 | | | | | T__ | | | | | | 6787939 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 0.51 | 27.2 | Pg | 09:00:16.815 | 0.2 | | | | | T__ | | 876.1 | | | | 6787940 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.51 | 27.2 | Lg | 09:00:24.306 | -0.6 | | | | | T__ | | | | | | 6787935 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.90 | 317.3 | Pg | 09:00:23.240 | 0.1 | | | | | T__ | | 608.3 | | | | 6787938 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.90 | 317.3 | Lg | 09:00:35.581 | -0.8 | | | | | T__ | | | | | | 6787941 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.99 | 224.4 | Pg | 09:00:25.221 | -0.3 | | | | | T__ | | 879.3 | | | | 6787937 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.99 | 224.4 | Lg | 09:00:40.035 | 1.7 | | | | | T__ | | | | | | 6787942 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.02 | 332.3 | Lg | 09:00:40.353 | 0.1 | | | | | T__ | | | | | | 6787943 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| CONA | 1.09 | 244.3 | Pg | 09:00:27.357 | 0.0 | | | | | T__ | | 478.5 | | | | 6787944 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.09 | 244.3 | Lg | 09:00:42.034 | 0.6 | | | | | T__ | | | | | | 6787945 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/29 | 09:01:46.63 | 1.30 | 0.80 | 47.2350 | 18.2564 | 8.9 | 6.3 | 75 | 0.0f | 11 | 8 | 125 | 0.07 | 1.30 | sx | BUD | 17001946 | BUD | | | | 164 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 3 BUD | 17001946 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| MSW2 | 0.07 | 335.3 | Pg | 09:01:49.013 | 0.2 | | | | | T__ | | 938.1 | | | | 6787975 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.07 | 335.3 | Lg | 09:01:49.986 | -1.0 | | | | | T__ | | | | | | 6787976 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 1.2 | Pg | 09:01:50.264 | 0.4 | | | | | T__ | | 1076.4 | | | | 6787978 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 1.2 | Lg | 09:01:52.244 | -0.6 | | | | | T__ | | | | | | 6787977 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.16 | 0.6 | Pg | 09:01:51.098 | 0.7 | | | | | T__ | | 209.5 | | | | 6787979 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.16 | 0.6 | Lg | 09:01:52.974 | -0.9 | | | | | T__ | | | | | | 6787980 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.17 | 329.1 | Lg | 09:01:54.190 | -0.1 | | | | | T__ | | | | | | 6787981 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU08A | 0.30 | 311.1 | Lg | 09:01:58.811 | 0.2 | | | | | T__ | | | | | | 6787982 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| MORH | 1.05 | 165.2 | Lg | 09:02:22.331 | -0.7 | | | | | T__ | | | | | | 6787983 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KOVH | 1.15 | 185.4 | Sn | 09:02:24.902 | -1.2 | T__ | --- | 6787984 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| PSZ | 1.30 | 57.7 | Sn | 09:02:30.496 | -0.2 | T__ | --- | 6787985 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/07/29 | 09:18:14.46 | 1.16 | 1.08 | 48.9823 | 20.2025 | 16.4 | 3.8 | 83 | 0.0f | 8 | 6 | 177 | 0.44 | 1.08 | sx | BUD | 17001948 | BUD | | | | 303 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| NIE | 0.44 | 8.3 | Pg | 09:18:22.923 | 0.1 | | | | | T__ | | 91.9 | | --- | ML | 1.5 | 6788029 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.44 | 8.3 | Lg | 09:18:29.538 | 0.3 | | | | | T__ | | | | --- | | 6788028 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.53 | 159.3 | Lg | 09:18:32.346 | -0.8 | | | | | T__ | | | | --- | | 6788027 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.54 | 155.3 | Pg | 09:18:26.153 | 1.0 | | | | | T__ | | 184.2 | | --- | ML | 2.1 | 6788026 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.54 | 155.3 | Lg | 09:18:32.153 | -1.1 | | | | | T__ | | | | --- | | 6788025 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.89 | 165.9 | Lg | 09:18:44.697 | -1.5 | | | | | T__ | | | | --- | | 6788031 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| ABAH | 0.97 | 134.6 | Lg | 09:18:47.438 | -0.6 | | | | | T__ | | | | --- | | 6788030 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| PSZ | 1.08 | 191.0 | Lg | 09:18:52.738 | -0.3 | | | | | T__ | | | | --- | | 6788032 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/07/29 | 09:44:59.09 | 3.29 | 1.05 | 46.9519 | 22.7912 | 27.0 | 19.9 | 103 | 0.0f | 8 | 5 | 217 | 0.17 | 1.71 | sx | BUD | 17001950 | BUD | | | | | 311 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.4 | 3 BUD | 17001950 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.17 | 198.9 | Pg | 09:45:03.083 | 0.3 | | | | | T__ | | 241.4 | | --- | ML | 1.2 | 6788310 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.17 | 198.9 | Lg | 09:45:05.677 | -0.3 | | | | | T__ | | | | --- | | 6788307 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 1.04 | 229.1 | Pn | 09:45:19.441 | -0.4 | | | | | T__ | | 73.6 | | --- | ML | 1.9 | 6788311 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 1.04 | 229.1 | Lg | 09:45:34.307 | -0.5 | | | | | T__ | | | | --- | | 6788312 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.56 | 180.4 | Pg | 09:45:28.447 | -0.2 | | | | | T__ | | 75.7 | | --- | ML | 2.2 | 6788308 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.56 | 180.4 | Sn | 09:45:47.929 | -1.4 | | | | | T__ | | | | --- | | 6788309 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.56 | 211.8 | Sn | 09:45:50.126 | 1.3 | | | | | T__ | | | | --- | | 6788313 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| ABAH | 1.71 | 322.6 | Sn | 09:45:51.108 | -1.2 | | | | | T__ | | | | --- | | 6788314 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/07/29 | 10:08:34.02 | 0.98 | 0.91 | 48.4446 | 19.5682 | 10.1 | 3.9 | 3 | 0.0f | 6 | 4 | 169 | 0.49 | 0.65 | sx | BUD | 17001952 | BUD | | | | | 287 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.49 | 276.1 | Pg | 10:08:44.507 | 0.4 | | | | | T__ | | 29.9 | | --- | ML | 1.1 | 6788336 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.49 | 276.1 | Lg | 10:08:50.586 | -0.8 | | | | | T__ | | | | --- | | 6788337 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.57 | 157.4 | Lg | 10:08:54.830 | -0.4 | | | | | T__ | | | | --- | | 6788338 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| KECS | 0.61 | 86.0 | Lg | 10:08:54.753 | -0.8 | | | | | T__ | | | | --- | | 6788339 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.65 | 85.1 | Pg | 10:08:47.604 | 0.6 | | | | | T__ | | 192.1 | | --- | ML | 2.1 | 6788341 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.65 | 85.1 | Lg | 10:08:56.129 | -0.6 | | | | | T__ | | | | --- | | 6788340 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|-----------------------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|--|
| 2021/07/30 | 06:41:37.39 | 1.27 | 1.11 | 47.8595 | 19.3937 | 10.9 | 4.0 | 7 | 0.0f | | 7 | 5 | 186 | 0.15 | 1.00 | kx | BUD | 17001954 | BUD | | | 249 | | |
| 2021/07/30 | 06:41:37.64 | 0.96 | 1.02 | 47.8920 | 19.4049f | | | | 0.0f | | 7 | 5 | 174 | 0.13 | 0.97 | kx | BUD_GT | 17001955 | BUD_GT | | | 242 | | |
| (locality : Bercel Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.5 | 0.1 | 3 BUD_GT | 17001955 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU03A | 0.13 | 84.8 | Pg | 06:41:41.702 | 0.9 | | | | | T__ | | 709.1 | | --- | ML | 1.5 | 6795558 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.13 | 84.8 | Lg | 06:41:43.242 | -0.2 | | | | | T__ | | | | --- | | 6795561 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.26 | 259.9 | Lg | 06:41:46.719 | -1.4 | | | | | T__ | | | | --- | | 6795562 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.33 | 85.2 | Lg | 06:41:49.354 | -1.5 | | | | | T__ | | | | --- | | 6795563 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.71 | 327.9 | Pn | 06:41:52.968 | -1.1 | | | | | T__ | | 13.6 | | --- | ML | 1.0 | 6795559 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.71 | 327.9 | Lg | 06:42:02.916 | 0.2 | | | | | T__ | | | | --- | | 6795560 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.97 | 51.1 | Pg | 06:41:56.668 | -0.3 | | | | | T__ | | 26.1 | | --- | ML | 1.5 | 6795557 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/07/30 | 06:54:38.47 | 0.91 | 1.07 | 46.8732 | 17.2632 | 4.6 | 4.1 | 18 | 0.0f | | 19 | 11 | 76 | 0.11 | 1.42 | sx | BUD | 17001956 | BUD | | | 144 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 8 BUD | 17001956 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.11 | 315.1 | Pg | 06:54:40.799 | -0.6 | | | | | T__ | | 14722.6 | | --- | ML | 2.8 | 6795679 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.11 | 315.1 | Lg | 06:54:42.186 | -1.6 | | | | | T__ | | | | --- | | 6795680 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.35 | 32.4 | Pg | 06:54:46.875 | 0.8 | | | | | T__ | | 168.8 | | --- | ML | 1.5 | 6795668 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.35 | 32.4 | Lg | 06:54:51.875 | -0.2 | | | | | T__ | | | | --- | | 6795667 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.5 magdef=1
BEHE 0.52 220.0 Lg 06:54:57.546 0.7 T__
EGYH 0.55 4.9 Pg 06:54:50.863 1.0 T__ 399.1 --- ML 2.4 6795681 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.55 4.9 Lg 06:54:58.458 0.0 T__ --- 6795670 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
MSW2 0.78 56.1 Pg 06:54:54.566 0.4 T__ 59.0 --- ML 1.7 6795685 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.78 56.1 Lg 06:55:05.710 -1.4 T__ --- 6795684 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CSKK 0.84 53.9 Lg 06:55:07.624 -1.7 T__ --- 6795671 FDSN HU -- BUD iLoc HHN ??? _
KOVH 0.98 143.3 Pg 06:54:58.255 -0.0 T__ 28.0 --- ML 1.5 6795673 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.98 143.3 Lg 06:55:11.024 -0.9 T__ --- 6795672 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
RONA 1.06 321.8 Pg 06:54:59.277 -0.3 T__ 37.8 --- ML 1.7 6795682 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 1.06 321.8 Lg 06:55:14.831 1.2 T__ --- 6795674 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORH 1.16 124.2 Pn 06:55:01.398 0.7 T__ 16.8 --- ML 1.4 6795676 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.16 124.2 Sn 06:55:17.091 -0.6 T__ --- 6795675 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
ARSA 1.25 288.2 Pn 06:55:03.006 0.5 T__ 39.9 --- ML 1.8 6795683 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.25 288.2 Lg 06:55:20.198 2.0 T__ --- 6795677 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CONA 1.42 318.5 Sn 06:55:25.351 0.8 T__ --- 6795678 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/30 12:01:54.76 1.14 1.02 48.4048 17.3395 9.5 3.2 124 0.0f 9 6 191 0.05 1.10 sx BUD 17001958 BUD 260

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.05 233.0 Pg 12:01:56.533 0.1 T__ --- 6796982 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.05 233.0 Lg 12:01:57.998 -0.2 T__ --- 6796981 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.26 217.2 Lg 12:02:03.582 -1.5 T__ --- 6796983 FDSN SK -- BUD iLoc HHZ ??? _
JAVC 0.50 25.7 Pg 12:02:05.556 0.2 T__ 60.8 --- ML 1.5 6796984 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.50 25.7 Lg 12:02:13.195 -0.4 T__ --- 6796985 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KRUC 0.91 316.8 Pg 12:02:12.918 0.7 T__ 37.4 --- ML 1.6 6796986 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.91 316.8 Lg 12:02:24.160 -1.4 T__ --- 6796987 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
RONA 0.99 225.2 Lg 12:02:28.463 1.0 T__ --- 6796979 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.10 244.8 Lg 12:02:31.118 0.5 T__ --- 6796980 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

```

2021/07/31 09:04:14.70 0.96 1.04 46.1757 18.3034 9.0 3.3 155 0.0f 9 7 152 0.17 1.19 sx BUD 17001960 BUD 157

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.17 | 238.4 | Pg | 09:04:19.362 | 0.7 | | | | | T__ | | 684.7 | | --- | ML | 1.6 | 6801053 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.17 | 238.4 | Lg | 09:04:20.477 | -1.4 | | | | | T__ | | | | --- | | 6801055 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.24 | 80.5 | Pg | 09:04:20.711 | 0.7 | | | | | T__ | | 136.7 | | --- | ML | 1.1 | 6801054 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.24 | 80.5 | Lg | 09:04:24.058 | -0.3 | | | | | T__ | | | | --- | | 6801056 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 355.6 | Lg | 09:04:27.630 | -0.5 | | | | | T__ | | | | --- | | 6801057 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A273A | 0.43 | 232.8 | Lg | 09:04:29.231 | -0.5 | | | | | T__ | | | | --- | | 6801058 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU22A | 0.59 | 74.8 | Lg | 09:04:35.306 | -1.7 | | | | | T__ | | | | --- | | 6801059 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.13 | 332.4 | Sn | 09:04:52.894 | -0.5 | | | | | T__ | | | | --- | | 6801060 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 1.19 | 358.6 | Sn | 09:04:55.348 | 0.1 | | | | | T__ | | | | --- | | 6801061 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|--------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|--|
| 2021/08/02 | 08:04:50.00 | 1.12 | 0.66 | 48.0474 | 20.3561 | 10.5 | 3.8 | 143 | 0.0f | | 7 | 4 | 191 | 0.14 | 0.47 | kx | BUD | 17001962 | BUD | | | 314 | | |
| 2021/08/02 | 08:04:49.11 | 0.97 | 1.12 | 47.9767 | 20.3679f | | | | 0.0f | | 7 | 4 | 223 | 0.18 | 0.53 | kx | BUD_GT | 17001963 | BUD_GT | | | 332 | | |
| (locality : Eger-III. Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID
ML 1.0 0.1 3 BUD_GT 17001963

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.18 | 35.8 | Pg | 08:04:53.422 | 0.1 | | | | | T__ | | 155.0 | | --- | ML | 1.0 | 6813603 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.18 | 35.8 | Lg | 08:04:56.356 | -0.6 | | | | | T__ | | | | --- | | 6813607 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.32 | 259.8 | Pg | 08:04:58.070 | 1.6 | | | | | T__ | | 36.2 | | --- | ML | 0.8 | 6813608 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.32 | 259.8 | Lg | 08:05:02.125 | 0.1 | | | | | T__ | | | | --- | | 6813609 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.51 | 8.8 | Lg | 08:05:06.124 | -1.3 | | | | | T__ | | | | --- | | 6813606 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.53 | 12.4 | Pg | 08:04:59.462 | -0.4 | | | | | T__ | | 18.5 | | --- | ML | 1.0 | 6813604 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 12.4 | Lg | 08:05:06.440 | -1.6 | | | | | T__ | | | | --- | | 6813605 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/02 | 08:11:14.50 | 1.28 | 0.81 | 47.9319 | 20.0710 | 12.5 | 3.1 | 157 | 0.0f | | 11 | 6 | 205 | 0.12 | 1.00 | sx | BUD | 17001964 | BUD | | | 234 |

Magnitude Err Nsta Author OrigID
ML 1.6 0.0 5 BUD 17001964

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| PSZ | 0.12 | 263.6 | Pg | 08:11:18.221 | 0.5 | T__ | 1463.0 | _c_ | ML | 1.8 | 6813670 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.12 | 263.6 | Lg | 08:11:19.527 | -0.9 | T__ | | --- | | | 6813669 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.32 | 265.1 | Pg | 08:11:21.291 | -0.2 | T__ | 241.6 | --- | ML | 1.6 | 6813671 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.32 | 265.1 | Lg | 08:11:27.031 | 0.4 | T__ | | --- | | | 6813666 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 57.8 | Pg | 08:11:21.909 | -0.4 | T__ | 188.5 | --- | ML | 1.6 | 6813665 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 57.8 | Lg | 08:11:28.623 | 0.1 | T__ | | --- | | | 6813672 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.62 | 26.5 | Lg | 08:11:36.423 | 0.0 | T__ | | --- | | | 6813667 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| JOS | 0.65 | 28.9 | Pg | 08:11:28.522 | 1.1 | T__ | 75.6 | --- | ML | 1.7 | 6813673 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.65 | 28.9 | Lg | 08:11:37.309 | -0.0 | T__ | | --- | | | 6813668 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.00 | 304.7 | Pn | 08:11:35.803 | 1.0 | T__ | 14.0 | --- | ML | 1.2 | 6813664 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.00 | 304.7 | Lg | 08:11:48.004 | -1.3 | T__ | | --- | | | 6813674 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|----------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/08/02 | 09:13:08.88 | 1.06 | 1.06 | 46.1654 | 18.3043 | 21.2 | 3.7 | 160 | 0.0f | | 6 | 4 | 163 | 0.16 | 1.13 | kx | BUD | 17001966 | BUD | | | 268 |
| 2021/08/02 | 09:13:08.85 | 1.02 | 0.72 | 46.1765 | 18.2926f | | | | 0.0f | | 6 | 4 | 155 | 0.16 | 1.12 | kx | BUD_GT | 17001967 | BUD_GT | | | 263 |
| (locality : Komló Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 09:13:13.143 | 0.4 | | | | | T__ | | 349.2 | | _c_ | ML | 1.3 | 6813700 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 09:13:15.149 | -0.6 | | | | | T__ | | | | --- | | 6813701 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 09:13:14.638 | 0.3 | | | | | T__ | | 65.4 | | --- | ML | 0.8 | 6813703 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 09:13:17.880 | -0.9 | | | | | T__ | | | | --- | | 6813702 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.09 | 286.2 | Lg | 09:13:45.601 | 0.1 | | | | | T__ | | | | --- | | 6813704 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.12 | 332.7 | Sn | 09:13:46.389 | -1.0 | | | | | T__ | | | | --- | | 6813705 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/02 | 13:28:37.99 | 1.05 | 1.22 | 47.8451 | 16.0341 | 11.0 | 3.9 | 38 | 0.0f | | 6 | 4 | 118 | 0.14 | 1.24 | sx | BUD | 17001968 | BUD | | | 199 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.14 | 305.7 | Pg | 13:28:40.977 | -0.1 | | | | | T__ | | 56.1 | | --- | ML | 0.4 | 6813724 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.14 | 305.7 | Lg | 13:28:43.663 | 0.4 | | | | | T__ | | | | --- | | 6813727 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
RONA 0.23 129.4 Pg 13:28:42.984 0.1 T__ 31.9 ___ ML 0.4 6813725 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.23 129.4 Lg 13:28:45.978 -0.3 T__ ___ 6813728 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
ARSA 0.69 210.4 Lg 13:28:59.949 -0.0 T__ ___ 6813729 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.24 11.0 Sn 13:29:17.409 -2.0 T__ ___ 6813726 FDSN CZ -- BUD iLoc HHN ??? _

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/02 | 13:34:44.93 | 1.03 | 0.28 | 48.9484 | 21.2519 | 8.1 | 4.4 | 155 | 0.0f | | 11 | 7 | 126 | 0.65 | 1.59 | sx | BUD | 17001970 | BUD | | | 246 |

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17001970

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| JOS | 0.65 | 226.4 | Pg | 13:34:57.931 | 0.0 | | | | | T__ | | 32.1 | | ___ | ML | 1.4 | 6813773 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.65 | 226.4 | Lg | 13:35:07.738 | 0.0 | | | | | T__ | | | | ___ | | 6813776 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.67 | 90.9 | Pg | 13:34:57.733 | -0.1 | | | | | T__ | | | | ___ | | 6813778 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| KOLS | 0.67 | 90.9 | Lg | 13:35:09.294 | 0.5 | | | | | T__ | | | | ___ | | 6813779 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| KECS | 0.69 | 227.8 | Pg | 13:34:58.703 | 0.1 | | | | | T__ | | 99.2 | | ___ | ML | 1.9 | 6813774 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 0.69 | 227.8 | Lg | 13:35:08.860 | -0.1 | | | | | T__ | | | | ___ | | 6813777 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.78 | 307.3 | Lg | 13:35:10.999 | 0.1 | | | | | T__ | | | | ___ | | 6813780 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | | |
| HU02A | 0.96 | 210.6 | Pg | 13:35:04.185 | -0.4 | | | | | T__ | | 23.7 | | ___ | ML | 1.4 | 6813775 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.96 | 210.6 | Lg | 13:35:19.129 | 0.4 | | | | | T__ | | | | ___ | | 6813783 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.37 | 221.8 | Sn | 13:35:30.900 | 0.1 | | | | | T__ | | | | ___ | | 6813781 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | | |
| OJC | 1.59 | 323.9 | Lg | 13:35:36.017 | -0.1 | | | | | T__ | | | | ___ | | 6813782 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/08/03 | 07:02:50.81 | 3.21 | 0.85 | 48.0814 | 20.6161 | 21.5 | 6.7 | 129 | 0.0f | | 7 | 5 | 258 | 0.07 | 1.26 | kx | BUD | 17001972 | BUD | | | 296 |
| 2021/08/03 | 07:02:49.86 | 0.99 | 1.09 | 48.0750 | 20.6990f | | | | 0.0f | | 7 | 5 | 268 | 0.13 | 1.31 | kx | BUD_GT | 17001973 | BUD_GT | | | 303 |

(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| HU02A | 0.13 | 292.1 | Pg | 07:02:53.499 | 0.5 | | | | | T__ | | 566.4 | | ___ | ML | 1.4 | 6817077 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.13 | 292.1 | Lg | 07:02:54.773 | -1.0 | | | | | T__ | | | | ___ | | 6817078 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.43 | 340.8 | Lg | 07:03:05.087 | -0.3 | | | | | T__ | | | | ___ | | 6817079 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| JOS | 0.43 | 345.9 | Pg | 07:02:59.477 | 0.8 | | | | | T__ | | 52.2 | | ___ | ML | 1.2 | 6817081 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.43 | 345.9 | Lg | 07:03:05.304 | -0.2 | | | | | T__ | | | | ___ | | 6817080 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |

(Reading ML: 1.2 magdef=1
 (Station ML: 1.2 magdef=1
 PSZ 0.56 254.1 Lg 07:03:08.840 -2.1 T__ --- 6817082 FDSN GE -- BUD iLoc HHN ??? _
 VYHS 1.31 289.3 Sn 07:03:33.003 -0.9 T__ --- 6817083 FDSN SK -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/03 | 07:23:22.07 | 1.30 | 1.25 | 48.0383 | 16.0955 | 9.6 | 6.3 | 106 | 0.0f | 4 | 3 | 147 | 0.19 | 1.04 | sx | BUD | 17001974 | BUD | | | | 283 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.19 | 235.0 | Lg | 07:23:28.721 | -0.2 | | | | | T__ | | | | | | 6817122 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.36 | 158.2 | Lg | 07:23:34.380 | -0.3 | | | | | T__ | | | | | | 6817119 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.04 | 10.9 | Pg | 07:23:42.804 | 0.7 | | | | | T__ | | 23.4 | | | ML | 1.4 | 6817120 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.04 | 10.9 | Lg | 07:23:56.555 | -1.0 | | | | | T__ | | | | | | 6817121 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

(Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=0

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|-----|
| 2021/08/03 | 07:27:06.66 | 1.15 | 0.92 | 47.8405 | 19.1416 | 8.5 | 4.4 | 172 | 0.0f | 6 | 4 | 192 | 0.08 | 0.69 | kx | BUD | 17001976 | BUD | | | | | 261 |
| 2021/08/03 | 07:27:06.68 | 0.97 | 0.82 | 47.8355 | 19.1270f | | | | 0.0f | 6 | 4 | 197 | 0.07 | 0.69 | kx | BUD_GT | 17001977 | BUD_GT | | | | | 263 |

(locality : Sejce-Vác Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 07:27:09.286 | 0.6 | | | | | T__ | | 661.5 | | | ML | 1.3 | 6817141 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 07:27:09.981 | -0.6 | | | | | T__ | | | | | | 6817140 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU03A | 0.33 | 77.7 | Lg | 07:27:18.703 | -0.4 | | | | | T__ | | | | | | 6817142 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.52 | 80.6 | Lg | 07:27:25.109 | -1.4 | | | | | T__ | | | | | | 6817143 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.69 | 343.6 | Pg | 07:27:21.173 | 0.4 | | | | | T__ | | 10.1 | | | ML | 0.9 | 6817145 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.69 | 343.6 | Lg | 07:27:30.281 | -0.7 | | | | | T__ | | | | | | 6817144 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 0.9 magdef=1
 (Station ML: 0.9 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/08/03 | 08:45:08.63 | 0.85 | 1.03 | 48.4505 | 19.1505 | 5.2 | 3.2 | 19 | 0.0f | 24 | 14 | 124 | 0.21 | 1.89 | sx | BUD | 17001978 | BUD | | | | | 148 |

Magnitude Err Nsta Author OrigID
 ML 2.0 0.1 10 BUD 17001978

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.21 | 281.9 | Pg | 08:45:14.312 | 1.1 | | | | | T__ | | 345.7 | | | ML | 1.4 | 6817396 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.21 | 281.9 | Lg | 08:45:16.843 | 0.2 | | | | | T__ | | | | | | 6817397 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=0

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU10A | 0.61 | 188.3 | Pg | 08:45:21.861 | 0.6 | T__ | 181.5 | --- | ML | 2.1 | 6817399 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.61 | 188.3 | Lg | 08:45:30.120 | -1.0 | T__ | | --- | | | 6817398 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.62 | 151.0 | Pg | 08:45:22.648 | 0.9 | T__ | 131.4 | --- | ML | 2.0 | 6817395 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.62 | 151.0 | Lg | 08:45:30.506 | -0.6 | T__ | | --- | | | 6817400 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.73 | 136.6 | Pg | 08:45:24.253 | 0.1 | T__ | 54.9 | --- | ML | 1.6 | 6817402 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.73 | 136.6 | Lg | 08:45:33.902 | -1.4 | T__ | | --- | | | 6817401 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.89 | 87.4 | Pg | 08:45:27.109 | 0.8 | T__ | 106.1 | --- | ML | 2.0 | 6817404 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.89 | 87.4 | Lg | 08:45:38.842 | -0.7 | T__ | | --- | | | 6817403 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JOS | 0.93 | 86.7 | Pg | 08:45:28.190 | 1.2 | T__ | 47.9 | --- | ML | 1.7 | 6817406 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.93 | 86.7 | Lg | 08:45:40.000 | -0.8 | T__ | | --- | | | 6817405 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.98 | 109.2 | Pn | 08:45:29.065 | 0.4 | T__ | 86.5 | --- | ML | 2.0 | 6817413 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 109.2 | Lg | 08:45:41.929 | -1.4 | T__ | | --- | | | 6817407 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.06 | 293.2 | Pg | 08:45:30.154 | -0.1 | T__ | 63.0 | --- | ML | 1.9 | 6817414 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.06 | 293.2 | Lg | 08:45:44.708 | -1.7 | T__ | | --- | | | 6817408 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CSKK | 1.24 | 209.2 | Pn | 08:45:33.124 | 0.9 | T__ | 116.5 | --- | ML | 2.3 | 6817415 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 1.24 | 209.2 | Sn | 08:45:50.034 | -1.0 | T__ | | --- | | | 6817410 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MODS | 1.25 | 267.2 | Sn | 08:45:50.188 | -1.5 | T__ | | --- | | | 6817409 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| HU08A | 1.31 | 219.4 | Pn | 08:45:34.807 | 1.6 | T__ | 224.0 | --- | ML | 2.6 | 6817416 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 1.31 | 219.4 | Sn | 08:45:52.033 | -0.6 | T__ | | --- | | | 6817417 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| ZST | 1.39 | 260.2 | Sn | 08:45:53.970 | -0.8 | T__ | | --- | | | 6817411 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 1.70 | 322.1 | Sn | 08:46:02.461 | -0.7 | T__ | | --- | | | 6817412 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| VRAC | 1.89 | 297.9 | Sn | 08:46:07.378 | -0.5 | T__ | | --- | | | 6817418 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/03 | 09:14:08.59 | 0.94 | 1.11 | 48.5714 | 17.3918 | 7.5 | 3.1 | 130 | 0.0f | | 10 | 6 | 154 | 0.21 | 1.21 | sx | BUD | 17001980 | BUD | | | 215 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 4 BUD | 17001980 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.21 | 201.1 | Pg | 09:14:13.668 | 0.3 | | | | | | | | | | | 6817512 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.21 | 201.1 | Lg | 09:14:16.363 | -1.0 | | | | | | | | | | | 6817519 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.34 | 32.6 | Pg | 09:14:16.290 | 0.3 | | | | | | 104.1 | | | --- | ML | 1.3 | 6817516 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.34 | 32.6 | Lg | 09:14:20.393 | -1.4 | | | | | | | | | --- | | 6817517 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ZST 0.42 207.3 Lg 09:14:23.006 -1.2 T__ --- 6817518 FDSN SK -- BUD iLoc HHN ??? _
VYHS 0.96 94.1 Pg 09:14:29.029 1.0 T__ 10.2 --- ML 1.0 6817521 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.96 94.1 Lg 09:14:41.274 -0.7 T__ --- 6817520 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
RONA 1.14 220.5 Pg 09:14:30.843 -0.3 T__ 21.4 --- ML 1.5 6817515 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 1.14 220.5 Lg 09:14:46.126 0.2 T__ --- 6817514 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CONA 1.21 238.4 Lg 09:14:49.536 1.6 T__ --- 6817513 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.21 238.4 Pg 09:14:50.434 18.1 --- 18.8 --- ML 1.4 6817522 FDSN OE -- BUD iLoc HHE HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/03 | 09:29:20.11 | 1.03 | 0.84 | 47.4432 | 18.7195 | 9.2 | 3.5 | 152 | 0.0f | 12 | 9 | 103 | 0.21 | 1.23 | sx | BUD | 17001982 | BUD | | | | 169 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.1 | 3 BUD | 17001982 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| BUD | 0.21 | 78.8 | Lg | 09:29:28.072 | -1.1 | | | | | T__ | | | | | | 6817553 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MSW1 | 0.32 | 261.0 | Lg | 09:29:31.511 | -1.3 | | | | | T__ | | | | | | 6817554 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| CSKK | 0.32 | 255.8 | Lg | 09:29:32.415 | -0.5 | | | | | T__ | | | | | | 6817555 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MSW2 | 0.37 | 248.0 | Pg | 09:29:28.871 | 0.9 | | | | | T__ | 90.9 | | | | | 6817556 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.37 | 248.0 | Lg | 09:29:33.943 | -0.7 | | | | | T__ | | | | | | 6817557 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.41 | 261.7 | Pg | 09:29:29.184 | 0.6 | | | | | T__ | 90.8 | | | | | 6817558 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.41 | 261.7 | Lg | 09:29:34.638 | -1.1 | | | | | T__ | | | | | | 6817559 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.45 | 26.6 | Lg | 09:29:36.862 | -0.4 | | | | | T__ | | | | | | 6817560 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| PSZ | 0.93 | 58.7 | Lg | 09:29:53.434 | -0.4 | | | | | T__ | | | | | | 6817561 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.05 | 4.2 | Pn | 09:29:41.066 | -0.2 | | | | | T__ | 12.6 | | | | | 6817563 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.05 | 4.2 | Lg | 09:29:56.769 | -0.2 | | | | | T__ | | | | | | 6817562 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.23 | 182.5 | Sn | 09:30:01.980 | 0.4 | | | | | T__ | | | | | | 6817564 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|----|
| 2021/08/03 | 12:31:40.70 | 0.79 | 0.64 | 47.7058 | 16.0276 | 4.1 | 3.0 | 146 | 5.2 | 11.7 | 36 | 21 | 71 | 0.18 | 2.30 | ke | BUD | 17001984 | BUD | | | | 87 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.3 | 14 BUD | 17001984 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|------|------|------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|--------------------|------|--------|----|------|------|-----|-----|---|
| RONA | 0.18 | 91.8 | Pg | 12:31:44.778 | 0.1 | | | | | T__ | 497.6 | | | | | _c_ ML 1.5 6818164 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|---------|------|---------|------|-----|------|-----|------|-----|-----|---|
| RONA | 0.18 | 91.8 | Lg | 12:31:47.557 | 0.1 | T__ | | | 6818163 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CONA | 0.25 | 333.4 | Pg | 12:31:46.220 | 0.3 | T__ | 313.4 | --- | ML | 1.5 | 6818161 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.25 | 333.4 | Lg | 12:31:49.462 | -0.1 | T__ | | --- | | | 6818162 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A011B | 0.30 | 188.9 | Pg | 12:31:46.828 | 0.0 | T__ | 451.0 | _d_ | ML | 1.8 | 6818178 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.30 | 188.9 | Lg | 12:31:50.376 | -0.4 | T__ | | --- | | | 6818166 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SOP | 0.36 | 93.4 | Pg | 12:31:47.882 | -0.1 | T__ | 221.3 | _c_ | ML | 1.6 | 6818165 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.36 | 93.4 | Lg | 12:31:53.029 | 0.0 | T__ | | --- | | | 6818187 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.57 | 217.1 | Pg | 12:31:51.519 | -0.3 | T__ | 381.5 | --- | ML | 2.4 | 6818188 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.57 | 217.1 | Lg | 12:31:58.712 | -0.3 | T__ | | --- | | | 6818179 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A018A | 0.64 | 273.7 | Pg | 12:31:53.188 | -0.0 | T__ | 103.1 | --- | ML | 1.9 | 6818189 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A005B | 0.68 | 10.1 | Pg | 12:31:54.464 | 0.6 | T__ | 255.3 | --- | ML | 2.3 | 6818181 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 0.68 | 10.1 | Lg | 12:32:04.237 | 0.8 | T__ | | --- | | | 6818180 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A019A | 0.69 | 248.2 | Lg | 12:32:03.387 | 0.3 | T__ | | | | | 6818170 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| A003A | 0.69 | 85.2 | Pg | 12:31:54.797 | 0.2 | T__ | 234.8 | --- | ML | 2.3 | 6818190 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A003A | 0.69 | 85.2 | Lg | 12:32:05.257 | 0.8 | T__ | | --- | | | 6818191 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ZST | 0.87 | 55.4 | Pg | 12:31:57.190 | -0.9 | T__ | | | | | 6818182 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| ZST | 0.87 | 55.4 | Lg | 12:32:10.161 | -0.7 | T__ | | | | | 6818171 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.07 | 51.0 | Pg | 12:32:01.561 | -0.5 | T__ | | | | | 6818183 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 1.07 | 51.0 | Sn | 12:32:16.377 | -1.1 | T__ | | | | | 6818167 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| A001A | 1.09 | 20.0 | Pg | 12:32:01.855 | -0.2 | T__ | 69.2 | --- | ML | 1.9 | 6818184 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A001A | 1.09 | 20.0 | Lg | 12:32:16.704 | -1.2 | T__ | | --- | | | 6818172 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOGS | 1.27 | 173.0 | Sn | 12:32:22.242 | 0.9 | T__ | | | | | 6818173 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| HU08A | 1.31 | 101.4 | Pn | 12:32:05.981 | 1.2 | T__ | 82.2 | --- | ML | 2.1 | 6818185 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 1.31 | 101.4 | Sn | 12:32:24.003 | 1.2 | T__ | | --- | | | 6818174 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.38 | 10.1 | Pn | 12:32:05.882 | -0.2 | T__ | 87.6 | --- | ML | 2.2 | 6818186 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.38 | 10.1 | Sn | 12:32:24.705 | 0.2 | T__ | | --- | | | 6818175 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.57 | 220.7 | Sn | 12:32:30.126 | 0.5 | T__ | | | | | 6818176 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 1.59 | 42.9 | Pn | 12:32:09.726 | 0.5 | T__ | 48.7 | --- | ML | 2.1 | 6818193 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.59 | 42.9 | Sn | 12:32:30.899 | 0.1 | T__ | | --- | | | 6818177 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| CKRC | 1.60 | 314.8 | Pg | 12:32:10.119 | -0.8 | T__ | 357.5 | ___ | ML | 2.9 | 6818192 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.60 | 314.8 | Sn | 12:32:30.738 | 0.4 | T__ | | --- | | | 6818169 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| TREC | 1.63 | 347.5 | Sn | 12:32:31.251 | 0.7 | T__ | | --- | | | 6818168 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| VRAC | 1.65 | 13.0 | Pn | 12:32:09.873 | 0.1 | T__ | 14.6 | --- | ML | 1.6 | 6818194 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 1.65 | 13.0 | Sn | 12:32:31.678 | 0.6 | T__ | | --- | | | 6818195 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MORC | 2.30 | 25.3 | Sn | 12:32:48.965 | 1.0 | T__ | | --- | | | 6818196 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|---------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/08/04 | 05:05:58.87 | 0.93 | 1.26 | 47.3369 | 17.6289 | 5.6 | 3.1 | 154 | 0.0f | | 14 | 10 | 126 | 0.18 | 1.07 | kx | BUD | 17001986 | BUD | | | 197 |
| 2021/08/04 | 05:05:58.91 | 0.89 | 1.16 | 47.3300 | 17.6350f | | | | 0.0f | | 14 | 10 | 125 | 0.17 | 1.07 | kx | BUD_GT | 17001987 | BUD_GT | | | 198 |
| (locality : Ugod Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.5 | 0.1 | 4 BUD_GT | 17001987 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MPLH | 0.17 | 202.2 | Pg | 05:06:03.459 | 0.4 | | | | | T__ | | 450.2 | | --- | ML | 1.4 | 6825294 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.17 | 202.2 | Lg | 05:06:05.466 | -0.9 | | | | | T__ | | | | --- | | 6825295 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.22 | 62.6 | Pg | 05:06:04.325 | 0.4 | | | | | T__ | | 521.2 | | --- | ML | 1.6 | 6825298 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.22 | 62.6 | Lg | 05:06:07.027 | -1.1 | | | | | T__ | | | | --- | | 6825297 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.22 | 293.0 | Lg | 05:06:06.767 | -1.4 | | | | | T__ | | | | --- | | 6825296 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW3 | 0.34 | 80.8 | Pg | 05:06:07.330 | 1.2 | | | | | T__ | | 242.6 | | --- | ML | 1.6 | 6825303 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.34 | 80.8 | Lg | 05:06:12.423 | 0.2 | | | | | T__ | | | | --- | | 6825304 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.39 | 93.8 | Pg | 05:06:08.569 | 1.4 | | | | | T__ | | 105.6 | | --- | ML | 1.4 | 6825306 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.39 | 93.8 | Lg | 05:06:13.570 | -0.6 | | | | | T__ | | | | --- | | 6825305 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.43 | 85.3 | Lg | 05:06:13.935 | -1.5 | | | | | T__ | | | | --- | | 6825299 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.43 | 81.3 | Lg | 05:06:14.304 | -1.2 | | | | | T__ | | | | --- | | 6825307 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.59 | 58.4 | Lg | 05:06:19.137 | -2.0 | | | | | T__ | | | | --- | | 6825300 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.98 | 292.7 | Lg | 05:06:31.806 | 0.4 | | | | | T__ | | | | --- | | 6825301 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 1.07 | 60.7 | Sn | 05:06:35.568 | -1.2 | | | | | T__ | | | | --- | | 6825302 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/04 | 07:03:11.93 | 1.32 | 0.64 | 46.1107 | 22.8399 | 9.9 | 4.8 | 50 | 0.0f | | 10 | 6 | 142 | 0.23 | 0.99 | sx | BUD | 17001990 | BUD | | | 213 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 4 BUD | 17001990 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.23 | 169.0 | Pg | 07:03:16.756 | 0.4 | | | | | T__ | | 650.4 | | --- | ML | 1.8 | 6826491 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.23 | 169.0 | Lg | 07:03:18.956 | -0.7 | | | | | T__ | | | | --- | | 6826490 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.69 | 352.6 | Lg | 07:03:36.361 | -0.6 | | | | | T__ | | | | --- | | 6826494 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.72 | 183.6 | Pg | 07:03:26.096 | 0.4 | | | | | T__ | | 48.2 | | --- | ML | 1.6 | 6826492 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.72 | 183.6 | Lg | 07:03:35.281 | -0.6 | | | | | T__ | | | | --- | | 6826493 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.83 | 281.3 | Pg | 07:03:29.183 | 0.2 | | | | | T__ | | 50.1 | | --- | ML | 1.7 | 6826496 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.83 | 281.3 | Lg | 07:03:40.761 | -0.3 | | | | | T__ | | | | --- | | 6826495 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.93 | 135.2 | Lg | 07:03:42.382 | -0.9 | | | | | T__ | | | | --- | | 6826497 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 0.99 | 240.4 | Pg | 07:03:31.499 | 0.3 | | | | | T__ | | 23.4 | | --- | ML | 1.4 | 6826499 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.99 | 240.4 | Lg | 07:03:44.543 | -0.5 | | | | | T__ | | | | --- | | 6826498 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/04 | 09:59:44.10 | 1.05 | 0.51 | 48.5444 | 20.3945 | 6.0 | 4.9 | 11 | 0.0f | | 11 | 6 | 120 | 0.09 | 1.04 | sx | BUD | 17001994 | BUD | | | 208 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 5 BUD | 17001994 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.09 | 135.3 | Pg | 09:59:46.397 | 0.3 | | | | | T__ | | 968.9 | | --- | ML | 1.5 | 6826692 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.09 | 135.3 | Lg | 09:59:47.393 | -0.4 | | | | | T__ | | | | --- | | 6826694 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.11 | 116.7 | Pg | 09:59:46.767 | 0.3 | | | | | T__ | | 689.2 | | --- | ML | 1.4 | 6826691 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.11 | 116.7 | Lg | 09:59:48.073 | -0.4 | | | | | T__ | | | | --- | | 6826698 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.43 | 168.3 | Pg | 09:59:53.808 | 0.5 | | | | | T__ | | 51.0 | | --- | ML | 1.2 | 6826697 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.43 | 168.3 | Lg | 09:59:59.722 | -0.6 | | | | | T__ | | | | --- | | 6826699 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.71 | 208.3 | Pg | 09:59:59.688 | 0.5 | | | | | T__ | | 77.5 | | --- | ML | 1.8 | 6826695 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.71 | 208.3 | Lg | 10:00:09.417 | -0.6 | | | | | T__ | | | | --- | | 6826693 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.88 | 355.9 | Lg | 10:00:12.757 | -0.4 | | | | | T__ | | | | --- | | 6826700 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| VYHS | 1.04 | 267.8 | Pn | 10:00:04.958 | -0.0 | | | | | T__ | | 13.5 | | --- | ML | 1.2 | 6826696 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.04 | 267.8 | Lg | 10:00:19.598 | -0.4 | | | | | T__ | | | | --- | | 6826701 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

2021/08/04 10:13:28.76 1.00 0.62 47.8731 20.1680 5.8 3.5 157 0.0f 13 7 122 0.19 1.09 kx BUD 17001996 BUD 231
 2021/08/04 10:13:28.70 0.89 0.58 47.8650 20.1529f 0.0f 13 7 119 0.18 1.08 kx BUD_GT 17001997 BUD_GT 232
 (locality : Kismána Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 6 BUD_GT 17001997

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 10:13:34.083 | 0.9 | | | | | T__ | | 1006.5 | | --- | ML | 1.8 6826738 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 10:13:36.630 | -0.2 | | | | | T__ | | | | --- | | 6826741 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.24 | 163.9 | Lg | 10:13:38.033 | -0.3 | | | | | T__ | | | | --- | | 6826745 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU02A | 0.36 | 44.0 | Pg | 10:13:36.739 | 0.2 | | | | | T__ | | 152.9 | | --- | ML | 1.5 6826739 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.0 | Lg | 10:13:41.679 | -1.0 | | | | | T__ | | | | --- | | 6826742 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.37 | 276.2 | Pg | 10:13:37.418 | 0.6 | | | | | T__ | | 136.5 | | --- | ML | 1.5 6826747 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.37 | 276.2 | Lg | 10:13:42.358 | -0.4 | | | | | T__ | | | | --- | | 6826746 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.66 | 19.7 | Pg | 10:13:42.244 | 0.3 | | | | | T__ | | 126.7 | | --- | ML | 2.0 6826748 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.66 | 19.7 | Lg | 10:13:51.506 | -0.5 | | | | | T__ | | | | --- | | 6826749 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.68 | 22.1 | Pg | 10:13:42.429 | 0.1 | | | | | T__ | | 31.6 | | --- | ML | 1.4 6826740 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 22.1 | Lg | 10:13:52.078 | -0.7 | | | | | T__ | | | | --- | | 6826743 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.08 | 306.0 | Pg | 10:13:50.539 | -0.1 | | | | | T__ | | 13.3 | | --- | ML | 1.2 6826750 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.08 | 306.0 | Lg | 10:14:05.591 | -0.8 | | | | | T__ | | | | --- | | 6826744 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/04 | 10:35:31.65 | 1.14 | 0.07 | 47.3181 | 18.2171 | 9.8 | 2.6 | 89 | 0.0f | | 6 | 4 | 161 | 0.02 | 0.09 | sx | BUD | 17001998 | BUD | | | 283 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| MSW2 | 0.02 | 195.0 | Pg | 10:35:32.379 | -0.0 | | | | | T__ | | 307.4 | | --- | ML | 0.8 6827382 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.02 | 195.0 | Lg | 10:35:33.466 | 0.0 | | | | | T__ | | | | --- | | 6827384 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.05 | 33.2 | Lg | 10:35:35.342 | 0.0 | | | | | T__ | | | | --- | | 6827385 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MSW1 | 0.08 | 20.8 | Lg | 10:35:36.176 | -0.0 | | | | | T__ | | | | --- | | 6827386 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MSW3 | 0.09 | 316.5 | Pg | 10:35:34.116 | 0.0 | | | | | T__ | | 82.8 | | --- | ML | 0.5 6827383 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.09 | 316.5 | Lg | 10:35:36.350 | -0.1 | | | | | T__ | | | | --- | | 6827387 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/04 | 10:46:18.15 | 3.12 | 1.07 | 48.5134 | 20.7516 | 19.3 | 7.1 | 51 | 0.0f | 9 | 5 | 291 | 0.14 | 1.27 | sx | BUD | 17002000 | BUD | | | | 314 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.2 | 4 BUD | 17002000 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.14 | 263.0 | Pg | 10:46:21.296 | 0.1 | | | | | T__ | | 321.4 | | --- | ML | 1.2 | 6827433 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.14 | 263.0 | Lg | 10:46:23.805 | 0.1 | | | | | T__ | | | | --- | | 6827434 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.18 | 260.4 | Lg | 10:46:25.547 | 0.6 | | | | | T__ | | | | --- | | 6827435 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU02A | 0.42 | 201.2 | Pg | 10:46:27.498 | 0.4 | | | | | T__ | | 25.3 | | --- | ML | 0.9 | 6827437 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.42 | 201.2 | Lg | 10:46:33.866 | -0.2 | | | | | T__ | | | | --- | | 6827436 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.83 | 224.2 | Pn | 10:46:35.300 | -0.8 | | | | | T__ | | 31.8 | | --- | ML | 1.5 | 6827439 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.83 | 224.2 | Lg | 10:46:47.264 | -0.8 | | | | | T__ | | | | --- | | 6827438 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VVHS | 1.27 | 269.8 | Pn | 10:46:40.827 | -1.5 | | | | | T__ | | 8.5 | | --- | ML | 1.1 | 6827440 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VVHS | 1.27 | 269.8 | Sn | 10:46:59.815 | -1.7 | | | | | T__ | | | | --- | | 6827441 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/08/04 | 15:34:56.49 | 1.18 | 0.24 | 47.5979 | 16.3638 | 7.7 | 4.7 | 5 | 0.0f | 9 | 5 | 182 | 0.11 | 1.47 | sx | BUD | 17002002 | BUD | | | | | 257 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.4 | 4 BUD | 17002002 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 335.9 | Pg | 15:34:59.284 | 0.2 | | | | | T__ | | 266.9 | | --- | ML | 1.0 | 6827532 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 335.9 | Lg | 15:35:00.750 | -0.3 | | | | | T__ | | | | --- | | 6827534 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.16 | 56.9 | Pg | 15:35:00.127 | 0.1 | | | | | T__ | | 64.4 | | --- | ML | 0.5 | 6827533 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.16 | 56.9 | Lg | 15:35:02.443 | -0.2 | | | | | T__ | | | | --- | | 6827535 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.47 | 314.5 | Pg | 15:35:06.115 | 0.1 | | | | | T__ | | 31.8 | | --- | ML | 1.1 | 6827537 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.47 | 314.5 | Lg | 15:35:12.290 | -0.1 | | | | | T__ | | | | --- | | 6827536 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.67 | 239.0 | Lg | 15:35:17.696 | -0.2 | | | | | T__ | | | | --- | | 6827538 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.47 | 0.8 | Pn | 15:35:23.349 | -0.3 | | | | | T__ | | 19.8 | | --- | ML | 1.6 | 6827540 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.47 | 0.8 | Sn | 15:35:43.727 | 0.2 | | | | | T__ | | | | --- | | 6827539 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/05 | 06:47:07.20 | 1.15 | 0.93 | 47.3219 | 18.3367 | 6.6 | 4.4 | 99 | 0.0f | 14 | 11 | 109 | 0.07 | 1.24 | sx | BUD | 17002006 | BUD | | | | 153 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.5 | 3 BUD | 17002006 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.07 | 308.5 | Pg | 06:47:09.857 | 0.7 | | | | T__ | | | 3127.0 | | ___ | ML | 2.0 | 6829694 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.07 | 308.5 | Lg | 06:47:10.417 | -0.9 | | | | T__ | | | | | --- | | 6829693 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.09 | 257.1 | Lg | 06:47:11.433 | -0.6 | | | | T__ | | | | | --- | | 6829700 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MSW1 | 0.09 | 323.4 | Lg | 06:47:11.149 | -0.9 | | | | T__ | | | | | --- | | 6829701 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MSW3 | 0.16 | 293.2 | Lg | 06:47:13.747 | -0.5 | | | | T__ | | | | | --- | | 6829702 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU09A | 0.32 | 5.6 | Lg | 06:47:19.074 | -0.8 | | | | T__ | | | | | --- | | 6829695 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| SR0 | 0.49 | 358.2 | Lg | 06:47:25.367 | -0.5 | | | | T__ | | | | | --- | | 6829696 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| MPLH | 0.56 | 254.7 | Lg | 06:47:26.894 | -0.7 | | | | T__ | | | | | --- | | 6829692 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.13 | 169.1 | Pn | 06:47:30.118 | 1.2 | | | | T__ | | | 32.9 | | --- | ML | 1.6 | 6829698 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.13 | 169.1 | Lg | 06:47:44.938 | -1.0 | | | | T__ | | | | | --- | | 6829697 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.21 | 59.9 | Sn | 06:47:48.171 | -0.9 | | | | T__ | | | | | --- | | 6829703 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 1.22 | 15.8 | Pn | 06:47:31.081 | 0.5 | | | | T__ | | | 13.5 | | --- | ML | 1.3 | 6829705 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.22 | 15.8 | Sn | 06:47:47.846 | -1.4 | | | | T__ | | | | | --- | | 6829704 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.24 | 187.6 | Sn | 06:47:49.378 | 0.3 | | | | T__ | | | | | --- | | 6829699 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/05 | 07:32:20.00 | 2.85 | 1.29 | 48.4533 | 20.6677 | 19.7 | 7.0 | 75 | 0.0f | 7 | 5 | 259 | 0.10 | 1.22 | sx | BUD | 17002008 | BUD | | | | 287 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.10 | 296.5 | Pg | 07:32:21.988 | -0.2 | | | | T__ | | | 145.8 | | ___ | ML | 0.7 | 6829728 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.10 | 296.5 | Lg | 07:32:24.419 | 0.4 | | | | T__ | | | | | --- | | 6829732 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.12 | 283.9 | Pg | 07:32:22.595 | -0.2 | | | | T__ | | | 413.8 | | ___ | ML | 1.3 | 6829733 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.12 | 283.9 | Lg | 07:32:25.451 | 0.5 | | | | T__ | | | | | --- | | 6829729 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.34 | 196.1 | Lg | 07:32:34.044 | 0.7 | | | | T__ | | | | | --- | | 6829730 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.74 | 224.3 | Lg | 07:32:46.577 | -0.6 | | | | T__ | | | | | --- | | 6829734 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.22 | 272.6 | Sn | 07:32:59.651 | -2.3 | | | | T__ | | | | | --- | | 6829731 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/05 | 13:26:50.56 | 4.21 | 1.66 | 46.8383 | 22.7088 | 28.7 | 18.6 | 47 | 0.0f | 7 | 6 | 237 | 0.05 | 1.57 | sx | BUD | 17002012 | BUD | | | | 279 |

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|--------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| DRGR | 0.05 | 178.1 | Pg | 13:26:52.044 | 0.1 | | | | | T__ | | 159.0 | | --- | ML | 0.6 | 6830508 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.05 | 178.1 | Lg | 13:26:53.125 | -0.1 | | | | | T__ | | | | --- | | 6830510 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.92 | 232.1 | Lg | 13:27:22.708 | 0.1 | | | | | T__ | | | | --- | | 6830511 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| HU24A | 1.07 | 274.4 | Sn | 13:27:26.334 | -1.6 | | | | | T__ | | | | --- | | 6830512 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| BZS | 1.44 | 212.2 | Sn | 13:27:37.136 | -0.1 | | | | | T__ | | | | --- | | 6830514 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.45 | 178.1 | Sn | 13:27:36.741 | -1.2 | | | | | T__ | | | | --- | | 6830509 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 1.57 | 151.7 | Sn | 13:27:38.974 | -2.6 | | | | | T__ | | | | --- | | 6830513 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/05 | 16:22:25.11 | 0.97 | 0.88 | 47.5555 | 16.7701 | 4.9 | 3.0 | 26 | 7.9 | 16.5 | 17 | 13 | 76 | 0.19 | 1.53 | ke | BUD | 17002014 | BUD | | | 96 |

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|--------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|----------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| ML | 1.1 | 0.5 | 4 | BUD | | | | | | | | | | | | 17002014 | | | | | | | | | |
| SOP | 0.19 | 311.8 | Pg | 16:22:29.817 | 0.5 | | | | | T__ | | 84.1 | | --- | ML | 0.8 | 6830575 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.19 | 311.8 | Lg | 16:22:32.077 | -0.2 | | | | | T__ | | | | --- | | 6830564 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.35 | 294.4 | Pg | 16:22:32.140 | -0.3 | | | | | T__ | | 37.4 | | --- | ML | 0.8 | 6830561 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.35 | 294.4 | Lg | 16:22:36.848 | -0.5 | | | | | T__ | | | | --- | | 6830565 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.41 | 109.8 | Pg | 16:22:34.082 | 0.6 | | | | | T__ | | 148.7 | | --- | ML | 1.6 | 6830563 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.41 | 109.8 | Lg | 16:22:39.330 | -0.3 | | | | | T__ | | | | --- | | 6830566 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.65 | 126.1 | Lg | 16:22:46.996 | -0.7 | | | | | T__ | | | | --- | | 6830567 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ZST | 0.68 | 19.1 | Lg | 16:22:48.771 | -0.1 | | | | | T__ | | | | --- | | 6830569 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A262A | 0.71 | 193.5 | Lg | 16:22:48.160 | -0.4 | | | | | T__ | | | | --- | | 6830568 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| CONA | 0.72 | 301.6 | Pg | 16:22:39.706 | 0.3 | | | | | T__ | | 32.5 | | --- | ML | 1.4 | 6830570 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.72 | 301.6 | Lg | 16:22:47.733 | -1.2 | | | | | T__ | | | | --- | | 6830560 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.79 | 98.6 | Lg | 16:22:51.970 | -1.1 | | | | | T__ | | | | --- | | 6830576 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.89 | 22.4 | Lg | 16:22:55.438 | -0.7 | | | | | T__ | | | | --- | | 6830571 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A005B | 0.90 | 335.3 | Lg | 16:22:55.648 | 0.4 | | | | | T__ | | | | --- | | 6830572 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A019A | 1.15 | 265.1 | Lg | 16:23:02.986 | 0.9 | | | | | T__ | | | | --- | | 6830562 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| KOGS | 1.16 | 198.0 | Lg | 16:23:02.614 | -0.1 | | | | | T__ | | | | --- | | 6830573 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| KRUC | 1.53 | 350.7 | Sn | 16:23:14.080 | 2.1 | | | | | T__ | | | | --- | | 6830574 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/06 | 08:23:48.94 | 0.96 | 1.70 | 48.9483 | 19.3630 | 6.0 | 3.9 | 151 | 0.0f | | 14 | 8 | 146 | 0.57 | 1.13 | sx | BUD | 17002016 | BUD | | | 213 |

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | |
|-----------|-----|------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|-----------|-----|------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

ML 1.5 0.2 6 BUD 17002016

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.57 | 217.7 | Pg | 08:24:01.983 | 1.4 | | | | | T__ | | 19.7 | | --- | ML | 1.1 | 6830981 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.57 | 217.7 | Lg | 08:24:09.238 | 0.3 | | | | | T__ | | | | --- | | 6830980 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.77 | 52.2 | Pg | 08:24:04.979 | 1.4 | | | | | T__ | | 19.0 | | --- | ML | 1.2 | 6830982 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.77 | 52.2 | Lg | 08:24:13.780 | -0.8 | | | | | T__ | | | | --- | | 6830983 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.88 | 121.6 | Lg | 08:24:18.158 | -1.2 | | | | | T__ | | | | --- | | 6830984 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.90 | 119.7 | Pg | 08:24:06.120 | -0.6 | | | | | T__ | | 32.3 | | --- | ML | 1.5 | 6830978 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.90 | 119.7 | Lg | 08:24:18.316 | -1.8 | | | | | T__ | | | | --- | | 6830979 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 1.06 | 171.3 | Sn | 08:24:26.077 | -0.6 | | | | | T__ | | | | --- | | 6830987 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| PSZ | 1.09 | 160.8 | Pn | 08:24:11.450 | 0.7 | | | | | T__ | | 42.0 | | --- | ML | 1.7 | 6830989 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.09 | 160.8 | Lg | 08:24:27.288 | -0.5 | | | | | T__ | | | | --- | | 6830988 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.12 | 266.1 | Pn | 08:24:09.773 | -1.7 | | | | | T__ | | 42.9 | | --- | ML | 1.8 | 6830986 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.12 | 266.1 | Lg | 08:24:24.214 | -4.2 | | | | | T__ | | | | --- | | 6830985 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.13 | 136.5 | Pn | 08:24:11.730 | 0.5 | | | | | T__ | | 26.4 | | --- | ML | 1.6 | 6830991 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.13 | 136.5 | Lg | 08:24:28.034 | 0.1 | | | | | T__ | | | | --- | | 6830990 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/06 | 08:35:20.91 | 1.24 | 0.99 | 48.5462 | 20.8225 | 7.8 | 4.8 | 106 | 0.0f | | 12 | 8 | 137 | 0.19 | 1.80 | sx | BUD | 17002018 | BUD | | | 226 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.0 | 4 BUD | 17002018 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 255.1 | Pg | 08:35:25.140 | 0.1 | | | | | T__ | | 326.8 | | --- | ML | 1.4 | 6831026 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 255.1 | Lg | 08:35:28.073 | -0.2 | | | | | T__ | | | | --- | | 6831027 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 254.4 | Lg | 08:35:29.663 | 0.1 | | | | | T__ | | | | --- | | 6831028 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU02A | 0.47 | 205.2 | Pg | 08:35:31.378 | 0.5 | | | | | T__ | | 36.6 | | --- | ML | 1.2 | 6831030 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.47 | 205.2 | Lg | 08:35:38.093 | -0.4 | | | | | T__ | | | | --- | | 6831029 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.88 | 225.0 | Lg | 08:35:51.541 | -1.2 | | | | | T__ | | | | --- | | 6831034 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| NIE | 0.94 | 338.7 | Pg | 08:35:39.182 | 0.6 | | | | | T__ | | 22.2 | | --- | ML | 1.4 | 6831033 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.94 | 338.7 | Lg | 08:35:51.197 | -0.8 | | | | | T__ | | | | --- | | 6831031 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 1.04 | 67.5 | Lg | 08:35:55.404 | -1.4 | | | | | T__ | | | | --- | | 6831035 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |


```

VYHS 1.32 268.5 Pn 08:35:46.182 0.4 T__ 12.6 ___ ML 1.3 6831037 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.32 268.5 Sn 08:36:03.858 -1.6 T__ ___ 6831036 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
OJC 1.80 338.6 Sn 08:36:16.619 -1.1 T__ ___ 6831032 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/06 09:00:52.87 1.03 0.33 47.3188 18.2228 6.7 2.5 109 0.0f 8 4 176 0.02 0.09 sx BUD 17002020 BUD 284

```

```

Magnitude Err Nsta Author OrigID
ML 1.0 0.0 4 BUD 17002020

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.02 206.1 Pg 09:00:53.551 -0.1 T__ 433.8 ___ ML 1.0 6831068 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.02 206.1 Lg 09:00:55.095 0.2 T__ ___ 6831064 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CSKK 0.05 30.1 Pg 09:00:54.506 -0.1 T__ 377.1 ___ ML 1.0 6831069 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.05 30.1 Lg 09:00:56.971 0.5 T__ ___ 6831065 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.08 18.4 Pg 09:00:55.026 -0.1 T__ 278.4 ___ ML 1.0 6831066 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 18.4 Lg 09:00:57.008 -0.3 T__ ___ 6831070 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW3 0.09 314.4 Pg 09:00:55.234 -0.1 T__ 116.2 ___ ML 0.6 6831067 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.09 314.4 Lg 09:00:57.946 0.2 T__ ___ 6831071 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/06 10:05:45.70 0.87 1.14 47.0126 22.3032 7.7 4.8 13 0.0f 26 15 78 0.36 2.31 sx BUD 17002022 BUD 101

```

```

Magnitude Err Nsta Author OrigID
ML 2.2 0.4 14 BUD 17002022

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.36 128.2 Pg 10:05:52.913 -0.1 T__ 384.4 _c_ ML 1.9 6831228 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.36 128.2 Lg 10:05:57.592 -1.4 T__ ___ 6831229 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU24A 0.79 262.9 Pg 10:06:02.451 0.0 T__ 353.5 ___ ML 2.5 6831243 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
SIRR 0.87 211.0 Pg 10:06:03.163 -0.1 T__ 63.2 ___ ML 1.8 6831222 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.87 211.0 Lg 10:06:14.317 -1.9 T__ ___ 6831221 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
CJR 0.94 108.2 Pg 10:06:04.259 0.2 T__ 408.5 ___ ML 2.6 6831235 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 0.94 108.2 Pb 10:06:04.976 0.9 T__ 408.7 ___ ML 2.6 6831223 FDSN RO -- BUD iLoc HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| CJR | 0.94 | 108.2 | Lg | 10:06:16.804 | -1.5 | T__ | | | | | | | | | | 6831236 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 1.00 | 344.9 | Pn | 10:06:06.596 | 0.8 | T__ | 193.3 | | | | | | | | | 6831227 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU07A | 1.00 | 344.9 | Lg | 10:06:19.427 | -1.7 | T__ | | | | | | | | | | 6831244 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 1.13 | 8.0 | Pn | 10:06:07.671 | -0.0 | T__ | 53.4 | | | | | | | | | 6831237 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 1.13 | 8.0 | Lg | 10:06:23.127 | -1.8 | T__ | | | | | | | | | | 6831238 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ARCR | 1.40 | 86.3 | Pn | 10:06:12.731 | 0.9 | T__ | 157.9 | | | | | | | | | 6831230 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARCR | 1.40 | 86.3 | Sn | 10:06:31.737 | -0.4 | T__ | | | | | | | | | | 6831224 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.48 | 199.1 | Pn | 10:06:13.150 | 0.6 | T__ | 69.1 | | | | | | | | | 6831220 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.48 | 199.1 | Sn | 10:06:32.543 | -0.7 | T__ | | | | | | | | | | 6831225 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.64 | 313.3 | Pn | 10:06:14.363 | -0.4 | T__ | 19.1 | | | | | | | | | 6831239 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.64 | 313.3 | Sn | 10:06:37.780 | 0.6 | T__ | | | | | | | | | | 6831240 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.65 | 168.4 | Pg | 10:06:17.705 | 0.7 | T__ | 63.9 | | | | | | | | | 6831245 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.65 | 168.4 | Sn | 10:06:38.089 | 0.0 | T__ | | | | | | | | | | 6831226 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.87 | 146.4 | Pn | 10:06:20.693 | 2.0 | T__ | 237.4 | | | | | | | | | 6831231 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.87 | 146.4 | Sn | 10:06:44.445 | 0.6 | T__ | | | | | | | | | | 6831232 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.87 | 299.9 | Pn | 10:06:17.708 | -0.4 | T__ | 38.2 | | | | | | | | | 6831241 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.90 | 321.9 | Pn | 10:06:19.355 | 1.0 | T__ | 17.2 | | | | | | | | | 6831233 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 2.04 | 296.9 | Pn | 10:06:20.559 | 0.3 | T__ | 250.2 | | | | | | | | | 6831234 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A272A | 2.31 | 264.5 | Sn | 10:06:55.176 | 2.5 | T__ | | | | | | | | | | 6831242 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/06 | 10:54:35.87 | 0.89 | 0.92 | 48.3428 | 19.8529 | 4.4 | 3.2 | 150 | 0.0f | | 14 | 8 | 92 | 0.43 | 1.12 | sx | BUD | 17002024 | BUD | | | 148 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.0 | 6 BUD | 17002024 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.43 | 176.2 | Pg | 10:54:45.772 | 0.5 | | | | | T__ | | 125.1 | | | ML | 1.6 | 6831334 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.43 | 176.2 | Lg | 10:54:52.347 | 0.2 | | | | | T__ | | | | | | 6831333 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.6 magdef=1
KECS 0.44 71.3 Pg 10:54:45.746 0.9 T__ 191.6 --- ML 1.8 6831327 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.44 71.3 Lg 10:54:51.380 -0.4 T__ --- 6831326 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU03A 0.47 201.2 Pg 10:54:46.770 0.9 T__ 64.4 --- ML 1.4 6831335 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.47 201.2 Lg 10:54:51.731 -1.4 T__ --- 6831329 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS 0.48 71.2 Pg 10:54:46.132 0.5 T__ 97.5 --- ML 1.6 6831324 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.48 71.2 Lg 10:54:52.770 -0.2 T__ --- 6831325 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.50 115.9 Pg 10:54:46.691 0.2 T__ 78.5 --- ML 1.6 6831330 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 115.9 Lg 10:54:52.428 -2.2 T__ --- 6831328 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.69 283.0 Pg 10:54:49.820 -0.2 T__ 11.7 --- ML 1.0 6831332 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.69 283.0 Lg 10:54:59.813 -0.4 T__ --- 6831331 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
HU10A 0.75 228.6 Lg 10:55:03.318 0.1 T__ --- 6831337 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 1.12 15.2 Lg 10:55:13.009 -0.3 T__ --- 6831336 FDSN PL -- BUD iLoc BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/07 23:09:44.72 1.12 0.74 47.5373 18.5845 7.5 4.9 121 10.0f 6 5 134 0.17 1.32 ke BUD 17002026 BUD 231

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU09A 0.17 306.6 Lg 23:09:52.152 0.0 T__ 6834232 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 0.28 231.7 Pg 23:09:51.097 0.3 T__ 29.6 --- ML 0.6 6834233 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.28 231.7 Lg 23:09:54.825 -1.0 T__ --- 6834237 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
HU10A 0.43 43.4 Lg 23:10:00.093 -0.5 T__ --- 6834234 FDSN ZJ 00 BUD iLoc HHE ??? _
A267A 0.60 186.8 Lg 23:10:06.078 0.1 T__ --- 6834235 FDSN Z3 00 BUD iLoc HHN ??? _
MORH 1.32 178.2 Sn 23:10:26.448 0.5 T__ --- 6834236 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/09 07:10:24.90 4.20 0.56 46.8664 22.8187 46.2 17.2 155 0.0f 9 5 281 0.11 1.56 sx BUD 17002028 BUD 307

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 17002028

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.11 224.7 Pg 07:10:27.356 -0.0 T__ 159.7 --- ML 0.8 6836838 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.11 224.7 Lg 07:10:29.666 0.1 T__ --- 6836839 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1

```

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|------|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| SIRR | 1.00 | 233.6 | Lg | 07:10:59.212 | -0.1 | T__ | | | | | | | | | 6836840 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| GZR | 1.47 | 181.2 | Pn | 07:10:52.687 | 0.5 | T__ | | | | | | | | | 6836841 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.47 | 181.2 | Sn | 07:11:12.389 | -0.6 | T__ | | | | 33.0 | | | | | 6836843 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.50 | 214.2 | Pg | 07:10:54.356 | 0.1 | T__ | | | | | | | | | 6836845 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.50 | 214.2 | Sn | 07:11:13.086 | -0.1 | T__ | | | | | | | | | 6836844 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.56 | 154.7 | Pn | 07:10:53.812 | 0.1 | T__ | | | | | | | | | 6836842 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.56 | 154.7 | Sn | 07:11:14.670 | -1.1 | T__ | | | | | | | | | 6836846 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/09 | 07:15:13.23 | 1.03 | 1.03 | 48.4153 | 20.7643 | 40.1 | 3.5 | 22 | 0.0f | | 6 | 3 | 179 | 0.17 | 0.34 | sx | BUD | 17002030 | BUD | | | 351 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.8 | 0.2 | 3 BUD | 17002030 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 298.4 | Pg | 07:15:17.109 | 0.2 | | | | | T__ | | 78.8 | | | ML | 0.7 | 6836890 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 298.4 | Lg | 07:15:19.515 | -0.2 | | | | | T__ | | | | | | 6836892 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 290.2 | Pg | 07:15:17.659 | 0.2 | | | | | T__ | | 216.8 | | | ML | 1.2 | 6836894 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 290.2 | Lg | 07:15:20.335 | -0.4 | | | | | T__ | | | | | | 6836893 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.34 | 110.4 | Pg | 07:15:20.905 | 0.6 | | | | | T__ | | 35.7 | | | ML | 0.8 | 6836891 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.34 | 110.4 | Lg | 07:15:24.781 | -1.6 | | | | | T__ | | | | | | 6836895 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/09 | 07:52:22.88 | 1.85 | 1.49 | 47.3018 | 17.6429 | 20.9 | 3.7 | 143 | 0.0f | | 9 | 5 | 185 | 0.15 | 1.44 | sx | BUD | 17002032 | BUD | | | 246 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 4 BUD | 17002032 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MPLH | 0.15 | 208.2 | Pg | 07:52:26.774 | 0.2 | | | | | T__ | | 547.4 | | | ML | 1.5 | 6836986 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.15 | 208.2 | Lg | 07:52:29.102 | -0.5 | | | | | T__ | | | | | | 6836987 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.34 | 75.9 | Pg | 07:52:30.144 | 0.0 | | | | | T__ | | 206.8 | | | ML | 1.6 | 6836989 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.34 | 75.9 | Lg | 07:52:35.217 | -1.0 | | | | | T__ | | | | | | 6836988 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.39 | 89.7 | Pg | 07:52:31.708 | 0.7 | | | | | T__ | | 126.6 | | | ML | 1.5 | 6836990 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

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MSW2  0.39 89.7 Lg      07:52:37.718 -0.2      T__      ___      6836991  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH  1.29 147.3 Sn     07:53:02.455 -3.1      T__      ___      6836992  FDSN HU      -- BUD  iLoc  HHN ??? _
VYHS  1.44 33.5 Pn      07:52:50.713  1.3      T__      11.7    ___ ML   1.4 6836994  FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS  1.44 33.5 Sn      07:53:09.681 -0.5      T__      ___      6836993  FDSN SK      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/08/09 08:06:45.18 1.21 1.09 48.0511 20.6923 7.9 4.7 154 0.0f 9 6 200 0.44 1.37 kx BUD 17002034 BUD 234
2021/08/09 08:06:45.48 0.97 0.95 48.0750 20.6990f 0.0f 9 6 195 0.42 1.35 kx BUD_GT 17002035 BUD_GT 230
(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author      OrigID
ML      1.4 0.0 3 BUD_GT 17002035

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
ABAH 0.42 58.4 Pg      08:06:54.807 0.6      T__      ___      6837026  FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH 0.42 58.4 Lg      08:07:00.706 -1.0      T__      ___      6837025  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KECS 0.43 340.8 Lg     08:07:01.131 0.1      T__      ___      6837024  FDSN SK      -- BUD  iLoc  EHN ??? _
JOS  0.43 345.9 Pg     08:06:55.242 0.9      T__      75.8    ___ ML   1.4 6837028  FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS  0.43 345.9 Lg     08:07:00.341 -0.8      T__      ___      6837023  FDSN ZJ      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ  0.56 254.1 Pg     08:06:57.553 -0.1      T__      34.8    ___ ML   1.4 6837029  FDSN GE      -- BUD  iLoc  HHZ HHZ _
PSZ  0.56 254.1 Lg     08:07:05.023 -1.5      T__      ___      6837027  FDSN GE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 1.31 289.3 Sn     08:07:28.542 -1.0      T__      ___      6837030  FDSN SK      -- BUD  iLoc  HHN ??? _
KOLS 1.35 50.0 Sn      08:07:29.803 -1.1      T__      ___      6837031  FDSN SK      -- BUD  iLoc  HHN ??? _

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```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/08/09 08:14:44.86 2.92 0.68 46.9161 22.7821 27.2 10.9 77 0.0f 10 6 206 0.13 1.62 sx BUD 17002036 BUD 244

```

```

Magnitude Err Nsta Author      OrigID
ML      1.8 0.2 4 BUD 17002036

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
DRGR 0.13 201.4 Pg     08:14:47.810 -0.1      T__      107.1   ___ ML   0.7 6837058  FDSN RO      -- BUD  iLoc  HHZ HHZ _
DRGR 0.13 201.4 Lg     08:14:50.608 0.1      T__      ___      6837062  FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
LTVH 0.76 308.3 Lg     08:15:12.299 -0.1      T__      ___      6837063  FDSN HU      -- BUD  iLoc  HHN ??? _
HU24A 1.11 270.3 Sn     08:15:23.653 0.2      T__      ___      6837061  FDSN ZJ      00 BUD  iLoc  HHN ??? _
GZR  1.52 180.1 Pn     08:15:13.114 0.2      T__      30.8    ___ ML   1.8 6837059  FDSN RO      -- BUD  iLoc  HHZ HHZ _
GZR  1.52 180.1 Sn     08:15:33.547 -0.6      T__      ___      6837064  FDSN RO      -- BUD  iLoc  HHN ??? _

```

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
BZS 1.53 212.3 Pn 08:15:13.418 0.8 T__ 28.3 ___ ML 1.8 6837060 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.53 212.3 Sn 08:15:33.608 -0.2 T__ ___ 6837065 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
LOT 1.62 154.6 Pn 08:15:15.004 0.5 T__ 47.2 ___ ML 2.1 6837067 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.62 154.6 Sn 08:15:35.801 -1.3 T__ ___ 6837066 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/09 | 10:16:10.79 | 0.90 | 1.10 | 47.3643 | 18.3761 | 4.9 | 3.4 | 141 | 0.0f | 27 | 20 | 79 | 0.08 | 1.94 | sx | BUD | 17002038 | BUD | | | | 109 |

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 8 BUD 17002038

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| CSKK | 0.08 | 269.2 | Pg | 10:16:13.502 | 0.5 | | | | | T__ | | 3750.0 | | ___ | ML | 2.1 6837152 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.08 | 269.2 | Lg | 10:16:14.323 | -1.0 | | | | | T__ | | | | ___ | | 6837158 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 289.8 | Pg | 10:16:14.034 | 0.9 | | | | | T__ | | 1992.4 | | ___ | ML | 1.8 6837174 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.13 | 241.2 | Pg | 10:16:14.416 | 0.4 | | | | | T__ | | 310.8 | | ___ | ML | 1.1 6837175 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.13 | 241.2 | Lg | 10:16:15.665 | -1.3 | | | | | T__ | | | | ___ | | 6837176 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.17 | 276.4 | Pg | 10:16:15.869 | 1.1 | | | | | T__ | | 726.5 | | ___ | ML | 1.6 6837178 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.17 | 276.4 | Lg | 10:16:17.104 | -1.2 | | | | | T__ | | | | ___ | | 6837177 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.27 | 0.9 | Lg | 10:16:21.120 | -0.8 | | | | | T__ | | | | ___ | | 6837159 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU08A | 0.31 | 282.5 | Lg | 10:16:22.122 | -1.1 | | | | | T__ | | | | ___ | | 6837160 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MPLH | 0.60 | 251.5 | Pg | 10:16:23.846 | 0.7 | | | | | T__ | | 91.9 | | ___ | ML | 1.8 6837153 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.60 | 251.5 | Lg | 10:16:31.690 | -0.7 | | | | | T__ | | | | ___ | | 6837161 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.65 | 41.9 | Lg | 10:16:34.111 | -0.8 | | | | | T__ | | | | ___ | | 6837162 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| EGYH | 0.71 | 274.6 | Lg | 10:16:34.963 | -1.1 | | | | | T__ | | | | ___ | | 6837163 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| A266A | 0.84 | 185.2 | Lg | 10:16:39.913 | -0.1 | | | | | T__ | | | | ___ | | 6837164 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| HU01A | 0.85 | 90.9 | Lg | 10:16:40.597 | -1.2 | | | | | T__ | | | | ___ | | 6837165 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.16 | 170.8 | Sn | 10:16:50.023 | -0.6 | | | | | T__ | | | | ___ | | 6837166 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| PSZ | 1.17 | 61.1 | Pn | 10:16:33.812 | 0.3 | | | | | T__ | | 41.6 | | ___ | ML | 1.8 6837155 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.17 | 61.1 | Sn | 10:16:50.414 | -1.1 | | | | | T__ | | | | ___ | | 6837168 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.17 | 15.1 | Pn | 10:16:34.217 | 0.7 | | | | | T__ | | 11.5 | | ___ | ML | 1.2 6837154 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.17 | 15.1 | Lg | 10:16:50.393 | -1.2 | | | | | T__ | | | | ___ | | 6837167 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|--|------|--|--|---------|------|---------|------|-----|------|-----|------|-----|-----|---|
| MODS | 1.25 | 324.2 | Sn | 10:16:52.440 | -1.2 | T__ | | | | | | | | 6837169 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| KOVH | 1.29 | 188.6 | Pn | 10:16:37.243 | 2.4 | T__ | | | | | 21.8 | | | ML | 1.6 | 6837156 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.29 | 188.6 | Sn | 10:16:53.479 | -0.3 | T__ | | | | | | | | | | 6837170 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.45 | 284.2 | Sn | 10:16:57.847 | 0.0 | T__ | | | | | | | | | | 6837171 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 1.57 | 342.7 | Sn | 10:17:01.730 | -0.4 | T__ | | | | | | | | | | 6837172 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| CONA | 1.79 | 289.3 | Sn | 10:17:06.579 | 0.1 | T__ | | | | | | | | | | 6837157 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| ARSA | 1.94 | 267.7 | Sn | 10:17:11.712 | 2.3 | T__ | | | | | | | | | | 6837173 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|-----------------------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|
| 2021/08/09 | 10:56:18.82 | 0.85 | 1.15 | 48.2433 | 21.2458 | 4.8 | 3.3 | 52 | 0.0f | | 25 | 15 | 52 | 0.05 | 1.76 | kx | BUD | 17002040 | BUD | | | 101 | |
| 2021/08/09 | 10:56:18.65 | 0.84 | 1.04 | 48.2470 | 21.2460f | | | | 0.0f | | 25 | 15 | 52 | 0.05 | 1.76 | kx | BUD_GT | 17002041 | BUD_GT | | | 102 | |
| (locality : Tállya Hungary) | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 2.2 | 0.2 | 9 BUD_GT | 17002041 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 10:56:21.054 | 0.8 | | | | | T__ | | 13514.3 | | _c_ | ML | 2.6 | 6837236 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 10:56:21.479 | -0.3 | | | | | T__ | | | | | | 6837255 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 0.52 | 120.5 | Pg | 10:56:30.130 | 0.8 | | | | | T__ | | 342.1 | | _ | ML | 2.3 | 6837238 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU07A | 0.52 | 120.5 | Lg | 10:56:37.062 | -1.5 | | | | | T__ | | | | | | 6837256 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 10:56:30.008 | 0.6 | | | | | T__ | | 122.6 | | _ | ML | 1.9 | 6837237 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 10:56:37.427 | -0.1 | | | | | T__ | | | | | | 6837257 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 10:56:30.859 | 0.9 | | | | | T__ | | 229.6 | | _ | ML | 2.2 | 6837240 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 10:56:37.974 | -0.5 | | | | | T__ | | | | | | 6837239 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.70 | 186.1 | Pn | 10:56:34.082 | -0.3 | | | | | T__ | | 455.1 | | _ | ML | 2.5 | 6837241 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU05A | 0.70 | 186.1 | Lg | 10:56:43.143 | -1.7 | | | | | T__ | | | | | | 6837258 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Pg | 10:56:36.454 | 0.8 | | | | | T__ | | 138.5 | | _ | ML | 2.1 | 6837242 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 10:56:48.494 | -1.6 | | | | | T__ | | | | | | 6837243 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pg | 10:56:38.886 | -0.1 | | | | | T__ | | 100.6 | | _ | ML | 2.0 | 6837247 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 10:56:51.474 | -1.9 | | | | | T__ | | | | | | 6837246 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 10:56:39.434 | 0.9 | | | | | T__ | | | | | | 6837245 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.97 | 44.4 | Lg | 10:56:51.231 | -1.7 | | | | | T__ | | | | | | 6837244 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| BSZH | 1.16 | 215.2 | Pg | 10:56:42.170 | -1.0 | | | | | T__ | | 291.0 | | _ | ML | 2.6 | 6837250 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BSZH | 1.16 | 215.2 | Sn | 10:56:57.798 | -0.4 | | | | | T__ | | | | | | 6837249 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
HU03A 1.16 253.3 Pn 10:56:41.623 0.7 T__ 95.5 ___ ML 2.1 6837248 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.16 253.3 Sn 10:56:57.677 -0.7 T__ ___ 6837259 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
NIE 1.33 332.3 Lg 10:57:01.697 -1.5 T__ ___ 6837251 FDSN PL -- BUD iLoc BHN ??? _
HU24A 1.34 182.6 Sn 10:57:03.085 0.5 T__ ___ 6837252 FDSN ZJ 00 BUD iLoc HHN ??? _
HU10A 1.55 255.8 Sn 10:57:08.874 0.9 T__ ___ 6837253 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 1.63 279.6 Sn 10:57:10.803 0.4 T__ ___ 6837254 FDSN SK -- BUD iLoc HHN ??? _
DRGR 1.76 145.2 Sn 10:57:14.877 1.2 T__ ___ 6837260 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/09 18:11:33.08 0.97 0.40 47.8346 16.2144 4.3 3.2 28 12.2 8.7 17 11 61 0.15 1.23 ke BUD 17002044 BUD 95

```

```

Magnitude Err Nsta Author OrigID
ML 1.0 0.6 6 BUD 17002044

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.15 157.7 Pg 18:11:36.975 0.0 T__ 71.9 _d ML 0.6 6837481 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.15 157.7 Lg 18:11:39.255 -0.4 T__ ___ 6837480 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
CONA 0.26 291.7 Pg 18:11:38.727 -0.1 T__ 19.7 ___ ML 0.3 6837479 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 291.7 Lg 18:11:42.467 -0.3 T__ ___ 6837482 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=0
SOP 0.28 123.0 Pg 18:11:39.256 0.1 T__ 38.7 ___ ML 0.7 6837484 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 123.0 Lg 18:11:42.965 -0.3 T__ ___ 6837483 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A005B 0.54 359.4 Lg 18:11:52.056 0.6 T__ ___ 6837485 FDSN Z3 00 BUD iLoc HHN ??? _
A003A 0.57 97.3 Lg 18:11:53.345 0.3 T__ ___ 6837486 FDSN Z3 00 BUD iLoc HH2 ??? _
A008A 0.65 325.0 Pg 18:11:45.505 -0.3 T__ 51.3 ___ ML 1.6 6837494 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.65 325.0 Lg 18:11:54.890 0.1 T__ ___ 6837487 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
ZST 0.70 58.4 Pg 18:11:46.793 -0.3 T__ ___ 6837488 FDSN SK -- BUD iLoc HHZ ??? _
ARSA 0.75 219.0 Pg 18:11:47.286 -0.4 T__ 24.5 ___ ML 1.3 6837495 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.75 219.0 Lg 18:11:57.716 0.5 T__ ___ 6837489 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A018A 0.77 263.7 Lg 18:11:58.418 0.4 T__ ___ 6837490 FDSN Z3 00 BUD iLoc HHN ??? _
A019A 0.86 243.4 Lg 18:12:01.182 0.2 T__ ___ 6837491 FDSN Z3 00 BUD iLoc HH2 ??? _
KRUC 1.23 5.5 Pn 18:11:55.744 0.2 T__ 17.7 ___ ML 1.4 6837493 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.23 5.5 Sn 18:12:12.771 0.7 T__ ___ 6837492 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

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2021/08/10 07:06:21.22 0.92 1.02 48.3802 19.5198 5.4 3.7 11 0.0f 11 6 132 0.47 1.32 sx BUD 17002046 BUD 203

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 5 BUD 17002046

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| VYHS | 0.47 | 284.3 | Pg | 07:06:30.940 | 0.1 | | | | | T__ | | 15.4 | | --- | ML | 0.8 6837985 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.47 | 284.3 | Lg | 07:06:37.578 | -0.4 | | | | | T__ | | | | --- | | 6837984 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.53 | 151.4 | Pg | 07:06:32.564 | -0.0 | | | | | T__ | | 44.1 | | --- | ML | 1.4 6837979 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.53 | 151.4 | Lg | 07:06:41.594 | 0.7 | | | | | T__ | | | | --- | | 6837980 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.65 | 80.5 | Pg | 07:06:34.426 | 0.2 | | | | | T__ | | 179.7 | | --- | ML | 2.1 6837988 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.65 | 80.5 | Lg | 07:06:43.534 | -0.6 | | | | | T__ | | | | --- | | 6837981 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.69 | 79.9 | Pg | 07:06:34.933 | -0.0 | | | | | T__ | | 28.6 | | --- | ML | 1.3 6837983 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.69 | 79.9 | Lg | 07:06:44.658 | -0.7 | | | | | T__ | | | | --- | | 6837982 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.16 | 26.1 | Pg | 07:06:44.305 | 1.2 | | | | | T__ | | 12.3 | | --- | ML | 1.2 6837987 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.16 | 26.1 | Lg | 07:06:59.125 | -0.9 | | | | | T__ | | | | --- | | 6837986 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.32 | 292.0 | Sn | 07:07:04.340 | -2.1 | | | | | T__ | | | | --- | | 6837989 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/08/10 07:12:25.53 1.16 0.88 48.5289 17.4491 21.6 3.4 122 0.0f 7 4 191 0.19 1.22 sx BUD 17002048 BUD 333

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| MODS | 0.19 | 216.4 | Pg | 07:12:30.409 | 0.4 | | | | | T__ | | | | --- | | 6838015 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.19 | 216.4 | Lg | 07:12:32.956 | -0.7 | | | | | T__ | | | | --- | | 6838017 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 0.36 | 23.9 | Pg | 07:12:33.854 | 0.5 | | | | | T__ | | 33.9 | | --- | ML | 0.8 6838019 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.36 | 23.9 | Lg | 07:12:38.254 | -1.2 | | | | | T__ | | | | --- | | 6838018 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.41 | 214.9 | Lg | 07:12:40.046 | -0.6 | | | | | T__ | | | | --- | | 6838020 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| CONA | 1.22 | 241.1 | Pg | 07:12:49.151 | -0.4 | | | | | T__ | | 20.4 | | --- | ML | 1.5 6838016 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.22 | 241.1 | Lg | 07:13:05.823 | 0.5 | | | | | T__ | | | | --- | | 6838021 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/08/10 07:44:02.35 4.44 0.81 46.8422 22.8495 33.4 15.1 10 0.0f 6 5 273 0.11 1.53 sx BUD 17002050 BUD 300

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.11 | 242.0 | Pg | 07:44:04.906 | 0.0 | | | | | T__ | | 138.0 | | _d_ | ML | 0.7 | 6838056 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.11 | 242.0 | Lg | 07:44:07.299 | 0.2 | | | | | T__ | | | | --- | | 6838057 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 1.00 | 235.4 | Lg | 07:44:36.015 | -0.8 | | | | | T__ | | | | --- | | 6838059 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.45 | 182.0 | Sn | 07:44:48.792 | -1.1 | | | | | T__ | | | | --- | | 6838058 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 1.49 | 215.4 | Sn | 07:44:50.521 | 0.1 | | | | | T__ | | | | --- | | 6838060 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 1.53 | 155.0 | Lg | 07:44:53.887 | 0.2 | | | | | T__ | | | | --- | | 6838061 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/10 | 08:09:08.09 | 1.12 | 0.77 | 48.5359 | 20.8502 | 8.7 | 3.8 | 15 | 0.0f | | 10 | 6 | 131 | 0.21 | 1.20 | sx | BUD | 17002052 | BUD | | | 210 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.3 | 4 BUD | 17002052 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.21 | 259.1 | Pg | 08:09:13.054 | 0.6 | | | | | T__ | | 314.5 | | --- | ML | 1.4 | 6838117 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.21 | 259.1 | Lg | 08:09:15.531 | -0.4 | | | | | T__ | | | | --- | | 6838121 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.25 | 257.9 | Pg | 08:09:13.595 | 0.3 | | | | | T__ | | 657.1 | | --- | ML | 1.8 | 6838118 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.25 | 257.9 | Lg | 08:09:16.973 | -0.3 | | | | | T__ | | | | --- | | 6838123 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.35 | 132.6 | Pg | 08:09:15.985 | 0.5 | | | | | T__ | | 40.5 | | --- | ML | 0.9 | 6838120 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.35 | 132.6 | Lg | 08:09:20.722 | -1.0 | | | | | T__ | | | | --- | | 6838124 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.89 | 226.3 | Pn | 08:09:25.867 | -1.0 | | | | | T__ | | 31.6 | | --- | ML | 1.5 | 6838119 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.89 | 226.3 | Lg | 08:09:39.503 | -0.7 | | | | | T__ | | | | --- | | 6838125 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.95 | 337.9 | Lg | 08:09:38.951 | -0.7 | | | | | T__ | | | | --- | | 6838126 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| TRPA | 1.20 | 109.2 | Sn | 08:09:49.030 | -0.4 | | | | | T__ | | | | --- | | 6838122 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/10 | 08:47:54.66 | 1.36 | 1.25 | 47.3501 | 18.3153 | 7.9 | 4.3 | 93 | 0.0f | | 13 | 8 | 107 | 0.04 | 1.21 | sx | BUD | 17002054 | BUD | | | 210 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 5 BUD | 17002054 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.04 | 289.3 | Pg | 08:47:56.132 | -0.0 | | | | | T__ | | 1576.8 | | --- | ML | 1.6 | 6838201 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.04 | 289.3 | Lg | 08:47:57.830 | 0.0 | | | | | T__ | | | | --- | | 6838202 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.06 | 318.2 | Pg | 08:47:57.161 | 0.7 | | | | | T__ | | 1238.1 | | --- | ML | 1.6 | 6838209 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.06 | 318.2 | Lg | 08:47:58.066 | -0.4 | | | | | T__ | | | | --- | | 6838210 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MSW2 0.09 236.1 Pg 08:47:57.416 0.4 T__ 202.8 ___ ML 0.8 6838212 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 236.1 Lg 08:47:59.111 -0.3 T__ ___ 6838211 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
MSW3 0.13 284.5 Lg 08:48:00.619 -0.3 T__ ___ 6838213 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.28 287.1 Lg 08:48:05.327 -0.5 T__ ___ 6838207 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.56 251.5 Lg 08:48:14.642 -0.2 T__ ___ 6838208 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.16 168.6 Pg 08:48:18.053 0.4 T__ 19.2 ___ ML 1.4 6838204 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.16 168.6 Sn 08:48:32.409 -1.9 T__ ___ 6838203 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 1.21 61.4 Pn 08:48:17.126 -0.8 T__ 31.2 ___ ML 1.7 6838206 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.21 61.4 Sn 08:48:33.336 -3.1 T__ ___ 6838205 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/10 | 09:03:15.69 | 0.97 | 1.09 | 47.5230 | 18.7038 | 5.8 | 3.7 | 153 | 0.0f | | 12 | 9 | 136 | 0.22 | 1.96 | sx | BUD | 17002056 | BUD | | | 173 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.0 | 3 BUD | 17002056 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BUD | 0.22 | 100.2 | Lg | 09:03:23.916 | -1.1 | | | | | T__ | | | | | | 6838310 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.25 | 298.1 | Pg | 09:03:21.408 | 0.3 | | | | | T__ | 331.1 | | | | ML | 1.5 | 6838307 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.25 | 298.1 | Lg | 09:03:25.398 | -0.4 | | | | | T__ | | | | | | 6838306 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.33 | 246.8 | Lg | 09:03:27.813 | -0.9 | | | | | T__ | | | | | | 6838313 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.34 | 242.2 | Pg | 09:03:23.456 | 0.5 | | | | | T__ | 175.9 | | | | ML | 1.5 | 6838309 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.34 | 242.2 | Lg | 09:03:28.676 | -0.5 | | | | | T__ | | | | | | 6838308 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.39 | 33.3 | Lg | 09:03:30.104 | -0.5 | | | | | T__ | | | | | | 6838304 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.40 | 236.8 | Pg | 09:03:24.957 | 0.9 | | | | | T__ | 91.4 | | | | ML | 1.4 | 6838314 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.40 | 236.8 | Lg | 09:03:30.058 | -1.1 | | | | | T__ | | | | | | 6838315 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.90 | 63.4 | Lg | 09:03:48.688 | 0.3 | | | | | T__ | | | | | | 6838311 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.28 | 312.1 | Sn | 09:03:57.439 | -1.9 | | | | | T__ | | | | | | 6838312 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.96 | 283.0 | Sn | 09:04:17.009 | 1.3 | | | | | T__ | | | | | | 6838305 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/10 | 09:39:59.98 | 0.98 | 0.93 | 46.0695 | 22.0321 | 5.7 | 4.5 | 63 | 0.0f | | 9 | 5 | 94 | 0.33 | 1.37 | sx | BUD | 17002058 | BUD | | | 179 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.2 | 4 BUD | 17002058 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SIRR | 0.33 | 307.6 | Pg | 09:40:07.494 | 0.5 | | | | | T__ | | 105.0 | | --- | ML | 1.2 | 6838343 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.33 | 307.6 | Lg | 09:40:11.657 | -0.9 | | | | | T__ | | | | --- | | 6838344 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.54 | 212.8 | Pg | 09:40:10.953 | 0.3 | | | | | T__ | | 26.2 | | --- | ML | 1.2 | 6838346 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.54 | 212.8 | Lg | 09:40:17.799 | -0.6 | | | | | T__ | | | | --- | | 6838345 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.85 | 142.1 | Pg | 09:40:16.767 | 0.5 | | | | | T__ | | 52.6 | | --- | ML | 1.7 | 6838348 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.85 | 142.1 | Lg | 09:40:28.161 | -0.1 | | | | | T__ | | | | --- | | 6838347 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.86 | 32.8 | Pg | 09:40:17.517 | 0.3 | | | | | T__ | | 29.0 | | --- | ML | 1.4 | 6838350 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.86 | 32.8 | Lg | 09:40:29.567 | -0.6 | | | | | T__ | | | | --- | | 6838349 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.37 | 116.4 | Lg | 09:40:44.008 | -1.7 | | | | | T__ | | | | --- | | 6838351 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/10 | 09:57:47.90 | 1.14 | 1.17 | 46.1365 | 18.0411 | 6.8 | 6.4 | 0 | 0.0f | | 7 | 5 | 133 | 0.06 | 0.78 | sx | BUD | 17002060 | BUD | | | 212 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.06 | 139.6 | Pg | 09:57:50.394 | 0.5 | | | | | T__ | | 953.9 | | _c_ | ML | 1.5 | 6838375 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.06 | 139.6 | Lg | 09:57:50.751 | -1.0 | | | | | T__ | | | | --- | | 6838376 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.43 | 79.2 | Pg | 09:57:57.604 | 0.7 | | | | | T__ | | 29.3 | | --- | ML | 1.0 | 6838378 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.43 | 79.2 | Lg | 09:58:03.316 | -0.5 | | | | | T__ | | | | --- | | 6838377 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.52 | 272.8 | Lg | 09:58:05.692 | -0.7 | | | | | T__ | | | | --- | | 6838379 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| TIH | 0.77 | 352.4 | Lg | 09:58:14.596 | -0.7 | | | | | T__ | | | | --- | | 6838380 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU22A | 0.78 | 75.4 | Lg | 09:58:14.991 | -1.6 | | | | | T__ | | | | --- | | 6838381 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/08/10 | 10:14:38.97 | 1.52 | 0.81 | 47.8890 | 20.1306 | 13.0 | 3.8 | 158 | 0.0f | | 12 | 6 | 211 | 0.16 | 1.06 | kx | BUD | 17002062 | BUD | | | 248 |
| 2021/08/10 | 10:14:38.54 | 0.90 | 0.78 | 47.8650 | 20.1529f | | | | 0.0f | | 12 | 6 | 217 | 0.18 | 1.08 | kx | BUD_GT | 17002063 | BUD_GT | | | 254 |

(locality : Kismána Hungary)

(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.5 | 0.3 | 6 BUD_GT | 17002063 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 10:14:43.823 | 0.8 | | | | | T__ | | 781.6 | | _c_ | ML | 1.7 | 6838441 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 10:14:45.763 | -0.9 | | | | | T__ | | | | --- | | 6838443 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.7 magdef=1
HU03A 0.37 276.2 Pg 10:14:46.689 0.0 T__ 91.5 ___ ML 1.3 6838445 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.37 276.2 Lg 10:14:52.015 -0.6 T__ ___ 6838444 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.66 19.7 Pg 10:14:52.092 0.3 T__ 160.2 ___ ML 2.1 6838447 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.66 19.7 Lg 10:15:01.277 -0.5 T__ ___ 6838446 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 0.68 22.1 Pg 10:14:52.941 0.7 T__ 27.3 ___ ML 1.3 6838448 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 10:15:02.435 -0.2 T__ ___ 6838449 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH 0.85 59.0 Pg 10:14:56.260 0.8 T__ 57.4 ___ ML 1.7 6838451 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.85 59.0 Lg 10:15:07.684 -1.5 T__ ___ 6838450 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 1.08 306.0 Pn 10:15:00.495 0.5 T__ 10.7 ___ ML 1.1 6838442 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.08 306.0 Lg 10:15:15.248 -0.9 T__ ___ 6838452 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/10 12:31:22.69 1.09 0.84 48.4339 17.2450 8.4 3.6 114 0.0f 7 4 191 0.06 1.06 sx BUD 17002064 BUD 244

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.06 160.3 Pg 12:31:25.140 0.5 T__ _c_ 6839109 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.06 160.3 Lg 12:31:25.970 -0.6 T__ ___ 6839110 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.26 201.8 Pg 12:31:28.728 0.4 T__ ___ 6839111 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.26 201.8 Lg 12:31:31.931 -0.9 T__ ___ 6839114 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.51 33.4 Pg 12:31:33.921 0.5 T__ 41.3 ___ ML 1.3 6839113 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.51 33.4 Lg 12:31:40.713 -1.0 T__ ___ 6839112 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
VYHS 1.06 86.2 Lg 12:31:58.933 -0.5 T__ ___ 6839115 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/11 06:28:38.32 1.09 1.00 45.9729 22.8187 7.3 5.1 62 0.0f 7 4 151 0.11 0.91 sx BUD 17002068 BUD 259

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 4 BUD 17002068

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.11 146.6 Pg 06:28:40.131 -0.2 T__ 960.3 _c_ ML 1.6 6843399 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.11 146.6 Lg 06:28:41.986 0.1 T__ ___ 6843400 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
GZR 0.58 182.9 Pg 06:28:49.937 0.4 T__ 35.2 ___ ML 1.4 6843403 FDSN RO -- BUD iLoc HHZ HHZ _

```

GZR 0.58 182.9 Lg 06:28:58.227 0.4 T__ --- 6843401 FDSN RO -- BUD iLoc HHN ??? _
 (Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=1
 DRGR 0.82 354.8 Pg 06:28:55.033 0.2 T__ 33.3 --- ML 1.5 6843404 FDSN RO -- BUD iLoc HHZ HHZ _
 (Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1
 BZS 0.91 247.5 Pg 06:28:56.607 0.5 T__ 24.1 --- ML 1.4 6843405 FDSN RO -- BUD iLoc HHZ HHZ _
 BZS 0.91 247.5 Lg 06:29:07.254 -1.8 T__ --- 6843402 FDSN RO -- BUD iLoc HHN ??? _
 (Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/08/11 | 06:43:59.72 | 1.10 | 0.82 | 47.9549 | 20.3916 | 8.5 | 3.8 | 137 | 0.0f | 10 | 7 | 102 | 0.19 | 1.17 | kx | BUD | 17002070 | BUD | | | | 179 |
| 2021/08/11 | 06:43:59.98 | 0.94 | 0.77 | 47.9767 | 20.3679f | | | | 0.0f | 10 | 7 | 108 | 0.18 | 1.19 | kx | BUD_GT | 17002071 | BUD_GT | | | | 182 |

(locality : Eger-III. Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.1 | 0.3 | 3 BUD_GT | 17002071 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.18 | 35.8 | Pg | 06:44:04.515 | 0.3 | | | | | T__ | | 325.9 | | --- | ML | 1.3 | 6843459 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | 06:44:07.732 | -0.1 | | | | | T__ | | | | --- | | 6843460 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.32 | 259.8 | Pg | 06:44:07.904 | 0.6 | | | | | T__ | | 52.5 | | --- | ML | 0.9 | 6843454 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.32 | 259.8 | Lg | 06:44:11.918 | -1.0 | | | | | T__ | | | | --- | | 6843456 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.51 | 8.8 | Lg | 06:44:18.347 | 0.0 | | | | | T__ | | | | --- | | 6843461 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.53 | 12.4 | Pg | 06:44:11.121 | 0.4 | | | | | T__ | | 21.6 | | --- | ML | 1.1 | 6843452 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 12.4 | Lg | 06:44:18.783 | -0.2 | | | | | T__ | | | | --- | | 6843453 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.67 | 61.0 | Lg | 06:44:23.554 | -1.0 | | | | | T__ | | | | --- | | 6843457 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| BSZH | 0.68 | 185.8 | Lg | 06:44:23.617 | -1.6 | | | | | T__ | | | | --- | | 6843458 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU24A | 1.19 | 153.0 | Sn | 06:44:40.469 | 0.3 | | | | | T__ | | | | --- | | 6843455 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/11 | 06:55:28.38 | 0.99 | 1.28 | 46.0545 | 22.8204 | 7.1 | 3.9 | 63 | 0.0f | 11 | 6 | 137 | 0.18 | 0.95 | sx | BUD | 17002072 | BUD | | | | 206 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.0 | 5 BUD | 17002072 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-----|------|-------|-------|--|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.18 | 161.3 | Pg | 06:55:31.930 | 0.1 | | | | | T__ | | 498.0 | | --- | ML | 1.5 | 6843523 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.18 | 161.3 | Lg | 06:55:34.113 | -0.3 | | | | | T__ | | | | --- | | 6843516 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.66 | 182.7 | Pg | 06:55:41.625 | 0.5 | | | | | T__ | | 50.7 | | --- | ML | 1.6 | 6843524 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| GZR | 0.66 | 182.7 | Lg | 06:55:50.253 | -0.2 | T__ | --- | 6843525 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.74 | 354.2 | Pg | 06:55:44.310 | 1.0 | T__ | 44.4 | --- | ML | 1.6 | 6843515 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.74 | 354.2 | Lg | 06:55:52.337 | -3.0 | T__ | --- | --- | --- | 6843518 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.83 | 285.2 | Pg | 06:55:45.502 | 0.1 | T__ | 22.9 | --- | ML | 1.3 | 6843520 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.83 | 285.2 | Lg | 06:55:56.326 | -1.2 | T__ | --- | --- | --- | 6843519 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| LOT | 0.90 | 132.1 | Pg | 06:55:46.012 | 0.4 | T__ | 47.3 | --- | ML | 1.7 | 6843521 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.90 | 132.1 | Lg | 06:55:57.688 | -1.1 | T__ | --- | --- | --- | 6843517 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| BZS | 0.95 | 242.9 | Lg | 06:56:00.575 | 0.3 | T__ | --- | --- | --- | 6843522 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/11 | 07:34:00.63 | 1.39 | 0.58 | 46.1160 | 22.8423 | 10.8 | 6.7 | 60 | 0.0f | | 9 | 7 | 143 | 0.24 | 1.40 | sx | BUD | 17002074 | BUD | | | 214 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| DEV | 0.24 | 169.6 | Pg | 07:34:05.513 | 0.4 | | | | | T__ | | 491.5 | | --- | ML | 1.6 | 6844518 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| DEV | 0.24 | 169.6 | Lg | 07:34:08.189 | -0.3 | | | | | T__ | | | | --- | --- | 6844517 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.68 | 352.4 | Lg | 07:34:25.099 | -0.4 | | | | | T__ | | | | --- | --- | 6844520 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| GZR | 0.72 | 183.7 | Pg | 07:34:14.604 | 0.1 | | | | | T__ | 30.1 | | | --- | ML | 1.4 | 6844525 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| GZR | 0.72 | 183.7 | Lg | 07:34:24.340 | -0.4 | | | | | T__ | | | | --- | --- | 6844519 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.84 | 280.9 | Lg | 07:34:29.651 | -0.2 | | | | | T__ | | | | --- | --- | 6844521 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| LOT | 0.93 | 135.5 | Lg | 07:34:30.968 | -1.1 | | | | | T__ | | | | --- | --- | 6844522 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| BZS | 0.99 | 240.2 | Lg | 07:34:33.539 | -0.3 | | | | | T__ | | | | --- | --- | 6844523 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| BANR | 1.40 | 239.1 | Sn | 07:34:46.170 | -0.2 | | | | | T__ | | | | --- | --- | 6844524 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/11 | 07:43:32.06 | 1.50 | 1.25 | 48.4849 | 20.8033 | 11.2 | 5.6 | 24 | 0.0f | | 8 | 7 | 209 | 0.18 | 1.31 | sx | BUD | 17002076 | BUD | | | 252 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| JOS | 0.18 | 273.7 | Pg | 07:43:36.122 | 0.3 | | | | | T__ | | 60.1 | | --- | ML | 0.6 | 6844546 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.18 | 273.7 | Lg | 07:43:38.372 | -0.4 | | | | | T__ | | | | --- | --- | 6844547 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 269.7 | Lg | 07:43:39.558 | -0.4 | | | | | T__ | | | | --- | --- | 6844548 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| ABAH | 0.35 | 122.8 | Lg | 07:43:44.969 | -0.5 | | | | | T__ | | | | --- | --- | 6844549 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| HU02A | 0.41 | 207.2 | Lg | 07:43:47.901 | 0.4 | | | | | T__ | | | | --- | --- | 6844550 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |

| | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| PSZ | 0.83 | 227.3 | Lg | 07:44:01.388 | -0.8 | T__ | --- | 6844551 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| HU05A | 0.96 | 166.4 | Lg | 07:44:06.141 | -0.1 | T__ | --- | 6844552 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.31 | 271.1 | Sn | 07:44:13.695 | -2.5 | T__ | --- | 6844553 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/11 | 07:53:36.45 | 1.52 | 2.02 | 48.4973 | 21.4244 | 8.5 | 7.6 | 83 | 0.0f | 8 | 5 | 159 | 0.24 | 0.71 | sx | BUD | 17002078 | BUD | | | | 301 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.1 | 3 BUD | 17002078 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.24 | 211.5 | Pg | 07:53:42.788 | 1.2 | | | | | T__ | | 85.9 | | --- | ML | 0.9 | 6844596 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.24 | 211.5 | Lg | 07:53:45.083 | -0.9 | | | | | T__ | | | | --- | | 6844595 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.59 | 270.2 | Pg | 07:53:49.413 | 1.2 | | | | | T__ | | 14.4 | | --- | ML | 1.0 | 6844597 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.59 | 270.2 | Lg | 07:53:57.423 | 0.3 | | | | | T__ | | | | --- | | 6844598 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.62 | 269.1 | Lg | 07:53:57.655 | -0.8 | | | | | T__ | | | | --- | | 6844592 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU02A | 0.71 | 238.3 | Pg | 07:53:49.836 | -1.3 | | | | | T__ | | 22.3 | | --- | ML | 1.2 | 6844591 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.71 | 238.3 | Lg | 07:53:59.472 | -2.8 | | | | | T__ | | | | --- | | 6844594 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.71 | 51.9 | Lg | 07:53:59.172 | -2.6 | | | | | T__ | | | | --- | | 6844593 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/08/11 | 08:21:47.71 | 0.89 | 0.77 | 46.8992 | 17.3227 | 5.0 | 3.5 | 149 | 0.0f | 16 | 10 | 94 | 0.13 | 1.14 | sx | BUD | 17002080 | BUD | | | | | 149 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 7 BUD | 17002080 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.13 | 293.9 | Pg | 08:21:50.969 | -0.0 | | | | | T__ | | 3868.8 | | --- | ML | 2.3 | 6844691 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.13 | 293.9 | Lg | 08:21:53.014 | -0.7 | | | | | T__ | | | | --- | | 6844682 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.31 | 28.6 | Pg | 08:21:54.020 | -0.5 | | | | | T__ | | 292.2 | | --- | ML | 1.6 | 6844693 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.31 | 28.6 | Lg | 08:22:00.848 | 1.0 | | | | | T__ | | | | --- | | 6844683 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.57 | 221.5 | Pg | 08:22:00.537 | 1.0 | | | | | T__ | | 312.0 | | --- | ML | 2.3 | 6844694 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.67 | 37.4 | Lg | 08:22:12.873 | 0.4 | | | | | T__ | | | | --- | | 6844684 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.73 | 56.1 | Pg | 08:22:03.181 | 0.7 | | | | | T__ | | 73.2 | | --- | ML | 1.8 | 6844695 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.73 | 56.1 | Lg | 08:22:14.281 | -0.4 | | | | | T__ | | | | --- | | 6844696 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.73 | 48.3 | Pg | 08:22:02.626 | 0.1 | | | | | T__ | | 69.9 | | --- | ML | 1.8 | 6844698 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |


```

MSW3  0.73 48.3 Lg      08:22:14.096 -0.5      T__          ---          6844697      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CSKK  0.79 53.7 Lg      08:22:16.705 -0.2      T__          ---          6844686      FDSN HU      -- BUD  iLoc  HHN ??? _
KOGS  0.87 239.0 Lg     08:22:15.007 -1.1      T__          ---          6844685      FDSN SL      -- BUD  iLoc  BHN ??? _
KOVH  0.97 146.2 Pg     08:22:07.049 -0.4      T__          33.9         --- ML      1.6 6844688      FDSN HU      -- BUD  iLoc  HHZ HHZ _
KOVH  0.97 146.2 Lg     08:22:20.063 -1.1      T__          ---          6844687      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH  1.14 126.4 Pn     08:22:10.650  1.0      T__          23.8         --- ML      1.5 6844690      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH  1.14 126.4 Sn     08:22:26.096 -0.4      T__          ---          6844689      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/08/11 09:16:07.64  1.31  0.98 47.2336  18.3053  9.4   6.3   80  0.0f      12   7 149  0.09  1.31  sx BUD      17002082  BUD                260

```

```

Magnitude Err Nsta Author      OrigID
ML      1.1 0.1   5 BUD      17002082

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
MSW2  0.09 317.0 Pg     09:16:10.667  0.5      T__          403.3         --- ML      1.2 6844776      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW2  0.09 317.0 Lg     09:16:11.744 -0.9      T__          ---          6844775      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK  0.13 346.8 Pg     09:16:11.848  0.9      T__          257.9         --- ML      1.1 6844777      FDSN HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.13 346.8 Lg     09:16:13.342 -0.7      T__          ---          6844778      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MSW1  0.16 348.8 Pg     09:16:11.779  0.3      T__          173.5         --- ML      1.0 6844779      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW1  0.16 348.8 Lg     09:16:14.280 -0.8      T__          ---          6844780      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW3  0.19 320.9 Pg     09:16:12.856  0.8      T__          125.3         --- ML      0.9 6844782      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW3  0.19 320.9 Lg     09:16:14.871 -1.1      T__          ---          6844781      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
MORH  1.05 167.0 Lg     09:16:42.491 -1.2      T__          ---          6844783      FDSN HU      -- BUD  iLoc  HHE ??? _
PSZ   1.28 56.9 Sn     09:16:50.760 -0.3      T__          ---          6844784      FDSN GE      -- BUD  iLoc  HHE ??? _
VYHS  1.31 15.6 Pn     09:16:33.319  1.0      T__          11.2         --- ML      1.3 6844786      FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS  1.31 15.6 Sn     09:16:50.899 -1.0      T__          ---          6844785      FDSN SK      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/08/11 11:24:17.76  0.88  0.95 48.3163  19.8563  4.6   3.3  164  0.0f      15   9 89  0.40  1.14  sx BUD      17002084  BUD                144

```

```

Magnitude Err Nsta Author      OrigID
ML      1.9 0.2   6 BUD      17002084

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.40 | 176.3 | Lg | 11:24:33.724 | 0.6 | | | | | T__ | | | | | | 6845655 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| HU03A | 0.45 | 202.7 | Lg | 11:24:33.599 | -0.6 | | | | | T__ | | | | | | 6845664 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.45 | 68.0 | Pg | 11:24:27.585 | 0.7 | | | | | T__ | | 319.7 | | _c | ML | 2.1 | 6845662 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.45 | 68.0 | Lg | 11:24:33.302 | -0.6 | | | | | T__ | | | | | | 6845663 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.49 | 113.2 | Pg | 11:24:28.624 | 0.5 | | | | | T__ | | 131.0 | | --- | ML | 1.8 | 6845658 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.49 | 113.2 | Lg | 11:24:34.857 | -1.2 | | | | | T__ | | | | --- | | 6845657 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.49 | 68.2 | Pg | 11:24:27.976 | 0.4 | | | | | T__ | | 220.1 | | _c | ML | 2.0 | 6845654 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.49 | 68.2 | Lg | 11:24:34.544 | -0.6 | | | | | T__ | | | | --- | | 6845665 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.70 | 285.0 | Pg | 11:24:32.695 | 0.6 | | | | | T__ | | 25.7 | | --- | ML | 1.3 | 6845659 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.70 | 285.0 | Lg | 11:24:41.576 | -0.8 | | | | | T__ | | | | --- | | 6845656 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.73 | 230.3 | Lg | 11:24:43.251 | -1.3 | | | | | T__ | | | | --- | | 6845666 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.92 | 90.7 | Pg | 11:24:36.994 | 0.9 | | | | | T__ | | 140.3 | | --- | ML | 2.2 | 6845660 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.92 | 90.7 | Lg | 11:24:48.913 | -1.6 | | | | | T__ | | | | --- | | 6845667 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.14 | 14.7 | Pg | 11:24:40.088 | 0.8 | | | | | T__ | | 21.1 | | --- | ML | 1.5 | 6845661 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.14 | 14.7 | Lg | 11:24:55.291 | -0.7 | | | | | T__ | | | | --- | | 6845668 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/12 | 08:10:09.47 | 1.02 | 1.70 | 48.5316 | 20.7452 | 5.9 | 3.6 | 5 | 0.0f | | 15 | 10 | 85 | 0.14 | 1.27 | sx | BUD | 17002088 | BUD | | | 158 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.1 | 5 BUD | 17002088 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.14 | 255.4 | Pg | 08:10:13.297 | 0.8 | | | | | T__ | | 410.6 | | --- | ML | 1.3 | 6847317 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.14 | 255.4 | Lg | 08:10:15.233 | 0.3 | | | | | T__ | | | | --- | | 6847320 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.18 | 254.4 | Lg | 08:10:16.327 | 0.0 | | | | | T__ | | | | --- | | 6847321 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| ABAH | 0.41 | 125.4 | Pg | 08:10:19.064 | 1.3 | | | | | T__ | | 49.0 | | --- | ML | 1.1 | 6847322 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.41 | 125.4 | Lg | 08:10:23.918 | -0.9 | | | | | T__ | | | | --- | | 6847327 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.44 | 199.8 | Pg | 08:10:19.256 | 0.5 | | | | | T__ | | 46.1 | | --- | ML | 1.2 | 6847319 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.44 | 199.8 | Lg | 08:10:25.216 | -0.7 | | | | | T__ | | | | --- | | 6847318 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.84 | 223.2 | Pg | 08:10:26.969 | -0.2 | | | | | T__ | | 37.6 | | --- | ML | 1.5 | 6847323 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.84 | 223.2 | Lg | 08:10:38.270 | -1.5 | | | | | T__ | | | | --- | | 6847328 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.5 magdef=0
NIE 0.93 341.9 Pn 08:10:29.523 0.5 T__ 16.9 --- ML 1.2 6847324 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.93 341.9 Lg 08:10:39.121 -1.3 T__ --- 6847329 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU03A 0.99 231.1 Lg 08:10:42.962 -1.6 T__ --- 6847325 FDSN ZJ 00 BUD iLoc HHN ??? _
HU05A 1.02 164.8 Lg 08:10:43.317 -2.0 T__ --- 6847331 FDSN ZJ 00 BUD iLoc HHN ??? _
KOLS 1.09 67.8 Lg 08:10:42.709 -4.3 T__ --- 6847330 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.27 269.0 Sn 08:10:51.354 -1.4 T__ --- 6847326 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/12 08:11:53.58 1.06 1.41 48.2112 21.2298 6.6 4.3 162 0.0f 17 11 108 0.09 1.74 kx BUD 17002090 BUD 135
2021/08/12 08:11:53.56 0.90 1.11 48.2470 21.2460f 0.0f 17 11 105 0.05 1.76 kx BUD_GT 17002091 BUD_GT 130
(locality : Táillya Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.3 5 BUD_GT 17002091

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.05 355.1 Pg 08:11:56.273 1.1 T__ 13135.9 _d_ ML 2.6 6847375 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 08:11:56.783 0.1 T__ --- 6847374 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
HU02A 0.50 255.8 Pg 08:12:04.270 0.1 T__ 94.9 --- ML 1.7 6847373 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 08:12:10.716 -1.5 T__ --- 6847372 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU07A 0.52 120.5 Lg 08:12:11.803 -1.7 T__ --- 6847376 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.53 298.1 Pg 08:12:04.513 0.2 T__ 119.0 --- ML 1.9 6847370 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 08:12:12.114 -0.3 T__ --- 6847377 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.56 295.3 Pg 08:12:06.337 1.5 T__ 220.2 --- ML 2.2 6847371 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 295.3 Lg 08:12:12.905 -0.5 T__ --- 6847378 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
TRPA 0.87 97.2 Lg 08:12:23.598 -1.4 T__ --- 6847379 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.96 250.6 Lg 08:12:26.259 -2.0 T__ --- 6847380 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 44.4 Pn 08:12:13.828 0.4 T__ --- 6847382 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.97 44.4 Lg 08:12:26.720 -1.1 T__ --- 6847381 FDSN SK -- BUD iLoc HHN ??? _
NIE 1.33 332.3 Lg 08:12:37.356 -0.8 T__ --- 6847383 FDSN PL -- BUD iLoc BHN ??? _
VYHS 1.63 279.6 Pg 08:12:24.755 -1.4 T__ 11.7 --- ML 1.5 6847385 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.63 279.6 Sn 08:12:45.674 0.3 T__ --- 6847384 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
DRGR 1.76 145.2 Sn 08:12:49.334 0.7 T__ --- 6847386 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/12 08:33:23.76 0.89 1.17 48.2566 19.8627 4.3 3.4 156 0.0f 15 11 80 0.34 1.58 sx BUD 17002092 BUD 127

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 4 BUD 17002092

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.34 | 176.4 | Pg | 08:33:32.264 | 0.9 | | | | | T__ | | 568.3 | | _c_ | ML | 2.0 | 6847422 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.34 | 176.4 | Lg | 08:33:36.456 | -0.7 | | | | | T__ | | | | --- | | 6847428 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.39 | 206.6 | Pg | 08:33:32.685 | 0.5 | | | | | T__ | | 232.4 | | --- | ML | 1.8 | 6847424 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.39 | 206.6 | Lg | 08:33:38.083 | -0.3 | | | | | T__ | | | | --- | | 6847429 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.46 | 106.6 | Pg | 08:33:34.380 | 0.8 | | | | | T__ | | 128.6 | | --- | ML | 1.7 | 6847425 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 106.6 | Lg | 08:33:40.522 | -0.7 | | | | | T__ | | | | --- | | 6847423 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.47 | 61.1 | Lg | 08:33:39.788 | -0.9 | | | | | T__ | | | | --- | | 6847430 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.51 | 61.8 | Lg | 08:33:41.416 | -0.5 | | | | | T__ | | | | --- | | 6847431 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.70 | 234.3 | Lg | 08:33:48.044 | -1.4 | | | | | T__ | | | | --- | | 6847432 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.72 | 289.5 | Pg | 08:33:39.525 | 1.0 | | | | | T__ | | 19.6 | | --- | ML | 1.2 | 6847426 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.72 | 289.5 | Lg | 08:33:48.205 | -0.9 | | | | | T__ | | | | --- | | 6847433 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.92 | 87.0 | Lg | 08:33:54.915 | -1.5 | | | | | T__ | | | | --- | | 6847434 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A338A | 1.04 | 257.1 | Sn | 08:33:58.681 | -2.3 | | | | | T__ | | | | --- | | 6847427 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| NIE | 1.20 | 13.8 | Lg | 08:34:03.304 | -0.6 | | | | | T__ | | | | --- | | 6847435 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| JAVC | 1.58 | 293.3 | Sn | 08:34:14.276 | -1.1 | | | | | T__ | | | | --- | | 6847436 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/08/12 | 09:02:50.27 | 0.90 | 1.08 | 47.8243 | 19.1318 | 6.0 | 3.1 | 179 | 0.0f | | 14 | 8 | 112 | 0.08 | 1.16 | kx | BUD | 17002094 | BUD | | | 206 |
| 2021/08/12 | 09:02:50.23 | 0.89 | 0.94 | 47.8355 | 19.1270f | | | | 0.0f | | 14 | 8 | 110 | 0.07 | 1.15 | kx | BUD_GT | 17002095 | BUD_GT | | | 197 |

(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 6 BUD_GT 17002095

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 09:02:52.922 | 0.7 | | | | | T__ | | 3718.1 | | --- | ML | 2.1 | 6847491 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 09:02:54.138 | 0.0 | | | | | T__ | | | | --- | | 6847492 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.33 | 77.7 | Pg | 09:02:58.535 | 1.2 | | | | | T__ | | 123.8 | | --- | ML | 1.3 | 6847495 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.33 | 77.7 | Lg | 09:03:02.548 | -0.1 | | | | | T__ | | | | --- | | 6847494 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUD | 0.36 | 191.2 | Lg | 09:03:02.953 | -1.3 | | | | | T__ | | | | --- | | 6847496 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.52 | 80.6 | Pg | 09:03:01.810 | 0.2 | | | | | T__ | | 54.9 | | --- | ML | 1.5 | 6847498 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.52 | 80.6 | Lg | 09:03:08.986 | -1.1 | | | | | T__ | | | | --- | | 6847497 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|--|--|-------|--|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| VYHS | 0.69 | 343.6 | Lg | 09:03:13.758 | -0.7 | T__ | | | | | | | | 6847499 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | |
| HU02A | 0.98 | 72.5 | Pg | 09:03:10.820 | 0.3 | T__ | | | | | | 36.6 | | --- | ML | 1.6 | 6847493 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 72.5 | Lg | 09:03:23.955 | -2.1 | T__ | | | | | | | | --- | | 6847500 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.12 | 54.0 | Pg | 09:03:13.020 | 0.6 | T__ | | | | | | 126.1 | | --- | ML | 2.2 | 6847502 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 1.12 | 54.0 | Sn | 09:03:28.466 | -0.8 | T__ | | | | | | | | --- | | 6847501 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.15 | 54.5 | Pg | 09:03:12.985 | -0.1 | T__ | | | | | | 17.5 | | --- | ML | 1.4 | 6847504 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.15 | 54.5 | Sn | 09:03:29.283 | -0.9 | T__ | | | | | | | | --- | | 6847503 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/08/12 | 14:36:32.77 | 1.17 | 0.90 | 48.2953 | 19.8504 | 6.4 | 4.7 | 150 | 0.0f | | 7 | 6 | 139 | 0.38 | 0.70 | sx | BUD | 17002098 | BUD | | | 222 |

Magnitude Err Nsta Author OrigID

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------|---------|---------|------|------|-----|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
| PSZ | 0.38 | 175.5 | Pg | 14:36:41.279 | 0.1 | | | | | T__ | | 99.8 | | | --- | ML | 1.4 | 6848369 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.38 | 175.5 | Lg | 14:36:46.805 | -0.7 | | | | | T__ | | | | | --- | | 6848370 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.43 | 203.3 | Lg | 14:36:49.411 | 0.9 | | | | | T__ | | | | | --- | | 6848371 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| KECS | 0.46 | 65.8 | Lg | 14:36:49.932 | 0.6 | | | | | T__ | | | | | --- | | 6848368 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU02A | 0.48 | 110.7 | Lg | 14:36:49.816 | -1.1 | | | | | T__ | | | | | --- | | 6848372 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| JOS | 0.50 | 66.1 | Lg | 14:36:50.789 | 0.2 | | | | | T__ | | | | | --- | | 6848367 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.70 | 286.8 | Lg | 14:36:56.836 | -0.6 | | | | | T__ | | | | | --- | | 6848366 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
| 2021/08/12 | 18:12:57.21 | 0.93 | 0.56 | 47.5981 | 16.3876 | 4.6 | 3.3 | 6 | 0.0f | | 17 | 13 | 121 | 0.12 | 1.46 | sx | BUD | 17002100 | BUD | | | | | 142 |

Magnitude Err Nsta Author OrigID
ML 1.1 0.3 4 BUD 17002100

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|---------|------|------|-----|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
| RONA | 0.12 | 328.8 | Pg | 18:12:59.857 | -0.1 | | | | | T__ | | 299.6 | | | _c | ML | 1.1 | 6848609 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 328.8 | Lg | 18:13:01.444 | -0.6 | | | | | T__ | | | | | --- | | 6848612 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.14 | 53.5 | Pg | 18:13:01.021 | 0.6 | | | | | T__ | | 103.0 | | | --- | ML | 0.7 | 6848614 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.14 | 53.5 | Lg | 18:13:03.486 | 0.6 | | | | | T__ | | | | | --- | | 6848613 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.48 | 313.2 | Pg | 18:13:07.030 | 0.1 | | | | | T__ | | 34.5 | | | --- | ML | 1.2 | 6848610 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.48 | 313.2 | Lg | 18:13:13.485 | 0.0 | | | | | T__ | | | | | --- | | 6848615 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.67 | 105.5 | Lg | 18:13:20.261 | -0.6 | | | | | T__ | | | | | --- | | 6848618 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|--|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ARSA | 0.68 | 239.7 | Pg | 18:13:10.372 | -0.1 | T__ | | | | | 43.9 | --- | ML | 1.5 | 6848611 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.68 | 239.7 | Lg | 18:13:18.977 | -0.0 | T__ | | | | | | --- | | | 6848616 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.78 | 351.1 | Lg | 18:13:23.748 | -0.1 | T__ | | | | | | --- | | | 6848620 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A013A | 0.81 | 305.5 | Lg | 18:13:23.748 | 0.4 | T__ | | | | | | --- | | | 6848619 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| MPLH | 0.89 | 118.3 | Lg | 18:13:27.592 | -0.7 | T__ | | | | | | --- | | | 6848623 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| A019A | 0.90 | 260.7 | Lg | 18:13:25.955 | -0.2 | T__ | | | | | | --- | | | 6848621 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| A018A | 0.90 | 279.8 | Lg | 18:13:26.453 | 0.6 | T__ | | | | | | --- | | | 6848622 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A008A | 0.92 | 327.6 | Lg | 18:13:27.877 | 0.5 | T__ | | | | | | --- | | | 6848624 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| MODS | 0.98 | 37.3 | Lg | 18:13:30.948 | -1.3 | T__ | | | | | | --- | | | 6848617 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| KRUC | 1.46 | 0.2 | Sn | 18:13:44.390 | 0.2 | T__ | | | | | | --- | | | 6848625 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|----------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|
| 2021/08/13 | 06:35:36.31 | 1.07 | 1.04 | 47.3208 | 18.3306 | 5.8 | 3.8 | 115 | 0.0f | | 16 | 13 | 108 | 0.06 | 1.43 | kx | BUD | 17002102 | BUD | | | 127 | |
| 2021/08/13 | 06:35:36.35 | 0.90 | 0.94 | 47.3167 | 18.3081f | | | | 0.0f | | 16 | 13 | 107 | 0.06 | 1.42 | kx | BUD_GT | 17002103 | BUD_GT | | | 126 | |
| (locality : Magyaralmás Hungary) | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.2 | 0.2 | 4 BUD_GT | 17002103 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 325.1 | Pg | 06:35:39.018 | 0.8 | | | | | T__ | | 2418.8 | | --- | ML | 1.8 | 6851814 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 325.1 | Lg | 06:35:39.597 | -0.5 | | | | | T__ | | | | --- | | 6851815 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.07 | 257.7 | Pg | 06:35:39.384 | 1.0 | | | | | T__ | | 529.5 | | --- | ML | 1.2 | 6851826 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.07 | 257.7 | Lg | 06:35:39.825 | -0.6 | | | | | T__ | | | | --- | | 6851827 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.14 | 298.3 | Pg | 06:35:40.745 | 1.0 | | | | | T__ | | 207.6 | | --- | ML | 1.0 | 6851828 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.29 | 293.8 | Lg | 06:35:46.997 | -0.8 | | | | | T__ | | | | --- | | 6851816 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.33 | 8.9 | Lg | 06:35:48.545 | -0.7 | | | | | T__ | | | | --- | | 6851820 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| SRO | 0.50 | 0.4 | Lg | 06:35:54.034 | -1.2 | | | | | T__ | | | | --- | | 6851821 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU10A | 0.71 | 42.0 | Lg | 06:36:01.430 | -1.4 | | | | | T__ | | | | --- | | 6851817 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.13 | 168.1 | Lg | 06:36:14.144 | -0.9 | | | | | T__ | | | | --- | | 6851822 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.23 | 16.6 | Pg | 06:36:01.197 | -0.1 | | | | | T__ | | 10.8 | | --- | ML | 1.2 | 6851818 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.23 | 16.6 | Sn | 06:36:17.560 | -1.1 | | | | | T__ | | | | --- | | 6851825 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.23 | 60.1 | Sn | 06:36:17.600 | -1.1 | | | | | T__ | | | | --- | | 6851824 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.24 | 186.7 | Sn | 06:36:17.485 | -0.5 | | | | | T__ | | | | --- | | 6851823 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.27 | 327.1 | Sn | 06:36:18.163 | -1.3 | | | | | T__ | | | | --- | | 6851819 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.42 | 286.4 | Sn | 06:36:22.191 | -0.4 | | | | | T__ | | | | --- | | 6851813 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/08/13 | 07:10:47.04 | 1.92 | 0.76 | 48.4969 | 17.5279 | 30.0 | 3.4 | 123 | 0.0f | | 8 | 5 | 208 | 0.21 | 1.25 | sx | BUD | 17002104 | BUD | | | | | 339 |

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|--------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| MODS | 0.21 | 233.6 | Pg | 07:10:52.191 | 0.4 | | | | | T__ | | | | | | 6851854 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.21 | 233.6 | Lg | 07:10:54.613 | -1.1 | | | | | T__ | | | | | | 6851857 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.37 | 14.6 | Pg | 07:10:55.268 | 0.2 | | | | | T__ | | 52.1 | | --- | ML | 1.1 | 6851856 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.37 | 14.6 | Lg | 07:11:01.018 | -0.4 | | | | | T__ | | | | | | 6851855 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.41 | 223.5 | Lg | 07:11:01.321 | -1.1 | | | | | T__ | | | | | | 6851858 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.15 | 226.4 | Pg | 07:11:09.975 | 0.2 | | | | | T__ | | 24.6 | | --- | ML | 1.5 | 6851860 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.15 | 226.4 | Lg | 07:11:24.973 | 0.3 | | | | | T__ | | | | | | 6851859 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.25 | 243.6 | Lg | 07:11:28.063 | 0.3 | | | | | T__ | | | | | | 6851861 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|--|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|--|
| 2021/08/13 | 07:15:09.71 | 1.40 | 0.93 | 48.0440 | 20.6710 | 9.0 | 4.7 | 175 | 0.0f | | 8 | 5 | 200 | 0.13 | 0.54 | kx | BUD | 17002106 | BUD | | | 267 | | |
| 2021/08/13 | 07:15:10.08 | 0.95 | 0.79 | 48.0750 | 20.6990f | | | | 0.0f | | 8 | 5 | 195 | 0.13 | 0.56 | kx | BUD_GT | 17002107 | BUD_GT | | | 268 | | |
| (locality : Miskolc-Mexikóvölgy Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID
 ML 1.2 0.2 3 BUD_GT 17002107

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.13 | 292.1 | Pg | 07:15:12.838 | -0.4 | | | | | T__ | | 859.6 | | --- | ML | 1.6 | 6851883 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.13 | 292.1 | Lg | 07:15:15.230 | -0.8 | | | | | T__ | | | | | | 6851884 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.42 | 58.4 | Pg | 07:15:19.496 | 0.7 | | | | | T__ | | 40.6 | | --- | ML | 1.1 | 6851888 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.42 | 58.4 | Lg | 07:15:25.556 | -0.7 | | | | | T__ | | | | | | 6851887 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.43 | 340.8 | Lg | 07:15:25.759 | 0.1 | | | | | T__ | | | | | | 6851885 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.43 | 345.9 | Pg | 07:15:20.088 | 1.2 | | | | | T__ | | 53.9 | | --- | ML | 1.2 | 6851889 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.43 | 345.9 | Lg | 07:15:25.491 | -0.2 | | | | | T__ | | | | | | 6851886 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.56 | 254.1 | Lg | 07:15:30.032 | -1.1 | | | | | T__ | | | | | | 6851890 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/13 | 07:32:14.20 | 0.91 | 0.75 | 48.4956 | 19.3262 | 6.2 | 3.4 | 178 | 0.0f | | 13 | 8 | 124 | 0.33 | 1.29 | sx | BUD | 17002108 | BUD | | | 196 |

Magnitude Err Nsta Author OrigID
 ML 1.6 0.1 5 BUD 17002108

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| VYHS | 0.33 | 269.9 | Pg | 07:32:21.314 | 0.3 | | | | | T__ | | 36.6 | | --- | ML | 0.8 | 6851956 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| VYHS | 0.33 | 269.9 | Lg | 07:32:25.387 | -0.6 | T__ | --- | 6851957 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.68 | 197.7 | Lg | 07:32:38.863 | -0.3 | T__ | --- | 6851954 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| PSZ | 0.69 | 146.4 | Lg | 07:32:39.086 | -0.4 | T__ | --- | 6851958 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | | |
| KECS | 0.77 | 90.5 | Pg | 07:32:29.922 | 0.3 | T__ | 111.1 | --- | ML | 2.0 | 6851960 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.77 | 90.5 | Lg | 07:32:41.585 | 0.4 | T__ | --- | 6851959 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JOS | 0.81 | 89.5 | Pg | 07:32:30.161 | -0.1 | T__ | 47.3 | --- | ML | 1.6 | 6851953 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.81 | 89.5 | Lg | 07:32:41.863 | -0.5 | T__ | --- | 6851961 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.88 | 114.6 | Pg | 07:32:32.699 | 0.3 | T__ | 35.0 | --- | ML | 1.5 | 6851963 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.88 | 114.6 | Lg | 07:32:45.287 | -0.7 | T__ | --- | 6851962 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 1.12 | 34.4 | Lg | 07:32:51.041 | -0.7 | T__ | --- | 6851955 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | | | |
| ABAH | 1.29 | 98.2 | Pn | 07:32:39.402 | 1.0 | T__ | 37.6 | --- | ML | 1.8 | 6851964 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 1.29 | 98.2 | Sn | 07:32:58.932 | 1.5 | T__ | --- | 6851965 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/08/13 | 08:17:25.89 | 1.20 | 1.27 | 46.1158 | 18.0753 | 7.9 | 5.5 | 135 | 0.0f | 8 | 6 | 74 | 0.03 | 2.07 | kx | BUD | 17002112 | BUD | | | | 146 |
| 2021/08/13 | 08:17:25.44 | 0.99 | 1.27 | 46.1204 | 18.0243f | | | | 0.0f | 8 | 6 | 94 | 0.06 | 2.08 | kx | BUD_GT | 17002113 | BUD_GT | | | | 171 |
| (locality : Bükkösd Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.06 | 121.4 | Pg | 08:17:27.325 | -0.1 | | | | | T__ | | 923.6 | | _c | ML | 1.4 | 6852048 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.06 | 121.4 | Lg | 08:17:28.753 | -0.5 | | | | | T__ | | | | --- | | 6852049 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.25 | 215.5 | Lg | 08:17:35.931 | 1.0 | | | | | T__ | | | | --- | | 6852050 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 0.44 | 77.4 | Pg | 08:17:34.968 | 0.3 | | | | | T__ | 27.6 | | | --- | ML | 1.0 | 6852054 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.44 | 77.4 | Lg | 08:17:39.983 | -1.8 | | | | | T__ | | | | --- | | 6852051 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.93 | 292.5 | Lg | 08:17:57.852 | 0.8 | | | | | T__ | | | | --- | | 6852052 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.10 | 342.5 | Sn | 08:18:03.718 | 0.2 | | | | | T__ | | | | --- | | 6852053 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU03A | 2.08 | 30.6 | Sn | 08:18:30.098 | 2.5 | | | | | T__ | | | | --- | | 6852055 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/13 | 09:52:18.11 | 0.97 | 1.10 | 46.8460 | 17.3026 | 6.7 | 3.9 | 56 | 0.0f | 13 | 10 | 97 | 0.15 | 1.32 | sx | BUD | 17002116 | BUD | | | | 162 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 3 BUD | 17002116 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.15 | 315.2 | Pg | 09:52:21.077 | -0.7 | | | | | T__ | | 2422.4 | | ___ | ML | 2.1 | 6852451 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.15 | 315.2 | Lg | 09:52:22.969 | -1.7 | | | | | T__ | | | | --- | | 6852452 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.21 | 177.6 | Lg | 09:52:25.808 | -0.6 | | | | | T__ | | | | --- | | 6852453 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| MPLH | 0.36 | 26.5 | Lg | 09:52:32.709 | 0.7 | | | | | T__ | | | | --- | | 6852447 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| A262A | 0.53 | 272.2 | Lg | 09:52:37.321 | 0.9 | | | | | T__ | | | | --- | | 6852448 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| KOGS | 0.83 | 241.6 | Lg | 09:52:46.104 | 0.8 | | | | | T__ | | | | --- | | 6852454 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| KOVH | 0.94 | 143.7 | Pg | 09:52:37.068 | 0.0 | | | | | T__ | | 38.3 | | --- | ML | 1.6 | 6852455 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.94 | 143.7 | Lg | 09:52:50.021 | 0.1 | | | | | T__ | | | | --- | | 6852444 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.10 | 321.6 | Pg | 09:52:40.995 | 1.0 | | | | | T__ | | 22.8 | | --- | ML | 1.5 | 6852456 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.10 | 321.6 | Lg | 09:52:55.770 | 1.3 | | | | | T__ | | | | --- | | 6852449 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.12 | 123.8 | Sn | 09:52:55.732 | -0.7 | | | | | T__ | | | | --- | | 6852443 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| ARSA | 1.28 | 289.0 | Lg | 09:53:00.479 | 1.5 | | | | | T__ | | | | --- | | 6852445 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| PTJ | 1.32 | 225.0 | Sn | 09:53:02.618 | 0.7 | | | | | T__ | | | | --- | | 6852446 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|--------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|--|
| 2021/08/13 | 10:09:50.22 | 1.24 | 0.83 | 47.5434 | 18.4741 | 9.4 | 3.0 | 106 | 0.0f | | 13 | 9 | 202 | 0.11 | 1.16 | kx | BUD | 17002120 | BUD | | | 249 | | |
| 2021/08/13 | 10:09:50.35 | 0.89 | 0.74 | 47.5600 | 18.4573f | | | | 0.0f | | 13 | 9 | 197 | 0.09 | 1.14 | kx | BUD_GT | 17002121 | BUD_GT | | | 245 | | |
| (locality : Tatabánya Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.2 | 0.1 | 4 BUD_GT | 17002121 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 10:09:53.751 | 1.0 | | | | | T__ | | 3031.2 | | ___ | ML | 2.0 | 6852582 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 10:09:55.217 | 0.1 | | | | | T__ | | | | --- | | 6852589 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.21 | 218.9 | Pg | 10:09:55.672 | 0.5 | | | | | T__ | | 193.7 | | --- | ML | 1.2 | 6852592 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.21 | 218.9 | Lg | 10:09:58.887 | -0.6 | | | | | T__ | | | | --- | | 6852591 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Lg | 10:09:59.470 | -0.8 | | | | | T__ | | | | --- | | 6852584 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| MSW3 | 0.29 | 231.9 | Lg | 10:10:01.057 | -0.7 | | | | | T__ | | | | --- | | 6852593 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| MSW2 | 0.31 | 213.1 | Pg | 10:09:57.039 | 0.1 | | | | | T__ | | 89.3 | | --- | ML | 1.1 | 6852594 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.31 | 213.1 | Lg | 10:10:01.620 | -1.0 | | | | | T__ | | | | --- | | 6852595 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.38 | 250.6 | Lg | 10:10:04.111 | -1.0 | | | | | T__ | | | | --- | | 6852585 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| MPLH | 0.74 | 238.3 | Lg | 10:10:15.649 | -0.6 | | | | | T__ | | | | --- | | 6852586 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| VYHS | 0.97 | 15.1 | Pn | 10:10:10.428 | 0.1 | | | | | T__ | | 16.8 | | --- | ML | 1.3 | 6852583 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.97 | 15.1 | Lg | 10:10:23.500 | -0.7 | | | | | T__ | | | | --- | | 6852587 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

MODS 1.14 316.2 Sn 10:10:29.336 -1.1 T__ --- 6852590 FDSN SK -- BUD iLoc HHE ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/13 | 13:16:26.35 | 1.00 | 0.79 | 48.4035 | 21.7152 | 6.3 | 4.2 | 5 | 13.3 | 21.4 | 11 | 8 | 117 | 0.33 | 1.31 | ke | BUD | 17002124 | BUD | | | 198 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 7 BUD | 17002124 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.33 | 251.4 | Pg | 13:16:33.616 | 0.2 | | | | | T__ | | 46.5 | | --- | ML | 0.9 | 6852725 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.33 | 251.4 | Lg | 13:16:38.527 | -0.5 | | | | | T__ | | | | --- | | 6852728 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.9 magdef=1) | | | | | | | | (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | |
| HU07A | 0.44 | 162.4 | Pg | 13:16:35.789 | 0.4 | | | | | T__ | | 203.7 | | --- | ML | 1.8 | 6852732 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | |
| TRPA | 0.61 | 116.1 | Pg | 13:16:38.028 | -0.3 | | | | | T__ | | 48.6 | | --- | ML | 1.5 | 6852729 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.61 | 116.1 | Lg | 13:16:46.780 | -1.0 | | | | | T__ | | | | --- | | 6852733 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | |
| KOLS | 0.65 | 34.7 | Pg | 13:16:39.179 | 0.4 | | | | | T__ | | | | --- | | 6852730 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.65 | 34.7 | Lg | 13:16:48.501 | -0.2 | | | | | T__ | | | | --- | | 6852731 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| JOS | 0.79 | 277.2 | Pg | 13:16:41.749 | -0.2 | | | | | T__ | | 41.6 | | --- | ML | 1.6 | 6852726 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | |
| KECS | 0.82 | 276.0 | Pg | 13:16:42.369 | -0.3 | | | | | T__ | | 88.7 | | --- | ML | 1.9 | 6852734 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | |
| HU02A | 0.84 | 250.9 | Pn | 13:16:42.976 | 0.3 | | | | | T__ | | 28.5 | | --- | ML | 1.4 | 6852727 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | |
| PSZ | 1.31 | 249.0 | Pn | 13:16:50.904 | 1.5 | | | | | T__ | | 26.2 | | --- | ML | 1.6 | 6852735 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/16 | 08:23:18.46 | 0.95 | 1.33 | 48.4220 | 19.1596 | 7.2 | 3.8 | 21 | 0.0f | | 11 | 10 | 118 | 0.23 | 1.39 | sx | BUD | 17002136 | BUD | | | 150 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.23 | 288.6 | Pg | 08:23:24.256 | 0.9 | | | | | T__ | | 60.3 | | --- | ML | 0.7 | 6865319 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.23 | 288.6 | Lg | 08:23:26.751 | -0.2 | | | | | T__ | | | | --- | | 6865320 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.7 magdef=1) | | | | | | | | (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | |
| HU03A | 0.60 | 150.2 | Lg | 08:23:39.683 | -0.3 | | | | | T__ | | | | --- | | 6865321 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.70 | 135.4 | Lg | 08:23:43.194 | -1.1 | | | | | T__ | | | | --- | | 6865322 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.88 | 85.5 | Lg | 08:23:48.976 | -0.3 | | | | | T__ | | | | --- | | 6865323 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.92 | 84.9 | Lg | 08:23:50.345 | -0.2 | | | | | T__ | | | | --- | | 6865324 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.96 | 107.7 | Lg | 08:23:51.657 | -1.1 | | | | | T__ | | | | --- | | 6865325 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JAVC | 1.08 | 294.4 | Lg | 08:23:54.057 | -2.7 | T__ | --- | 6865326 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| NIE | 1.25 | 36.6 | Lg | 08:23:59.430 | -0.6 | T__ | --- | 6865328 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| MODS | 1.26 | 268.5 | Sn | 08:23:59.971 | -1.6 | T__ | --- | 6865327 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| ABAH | 1.39 | 94.4 | Sn | 08:24:04.119 | -0.1 | T__ | --- | 6865329 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/08/16 | 09:21:36.14 | 1.25 | 1.34 | 47.2472 | 18.2717 | 8.2 | 4.5 | 115 | 0.0f | 11 | 7 | 130 | 0.07 | 1.30 | kx | BUD | 17002138 | BUD | | | | 157 |
| 2021/08/16 | 09:21:35.84 | 0.94 | 1.07 | 47.2302 | 18.2835f | | | | 0.0f | 11 | 7 | 130 | 0.09 | 1.32 | kx | BUD_GT | 17002139 | BUD_GT | | | | 159 |

(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.1 | 0.1 | 4 BUD_GT | 17002139 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.09 | 325.6 | Pg | 09:21:38.307 | 0.1 | | | | | T__ | | 432.8 | | --- | ML | 1.2 | 6865392 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.09 | 325.6 | Lg | 09:21:39.418 | -1.2 | | | | | T__ | | | | --- | | 6865393 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 353.3 | Pg | 09:21:39.348 | 0.2 | | | | | T__ | | 221.1 | | --- | ML | 1.0 | 6865385 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 353.3 | Lg | 09:21:41.380 | -0.9 | | | | | T__ | | | | --- | | 6865387 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.16 | 354.2 | Pg | 09:21:40.766 | 1.0 | | | | | T__ | | 195.1 | | --- | ML | 1.0 | 6865394 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.16 | 354.2 | Lg | 09:21:42.279 | -1.0 | | | | | T__ | | | | --- | | 6865395 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.51 | 263.5 | Pg | 09:21:48.038 | 1.6 | | | | | T__ | | 55.1 | | --- | ML | 1.5 | 6865386 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.51 | 263.5 | Lg | 09:21:53.576 | -0.9 | | | | | T__ | | | | --- | | 6865388 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.05 | 166.2 | Lg | 09:22:11.213 | -0.7 | | | | | T__ | | | | --- | | 6865389 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU22A | 1.07 | 146.9 | Sn | 09:22:12.010 | -1.5 | | | | | T__ | | | | --- | | 6865390 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 1.32 | 16.2 | Sn | 09:22:19.328 | -1.0 | | | | | T__ | | | | --- | | 6865391 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/16 | 09:33:09.95 | 1.12 | 1.22 | 46.1274 | 21.6278 | 16.8 | 4.0 | 92 | 0.0f | 6 | 4 | 188 | 0.14 | 1.09 | sx | BUD | 17002140 | BUD | | | | 236 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 3 BUD | 17002140 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SIRR | 0.14 | 9.0 | Pg | 09:33:13.786 | 0.4 | | | | | T__ | | 447.0 | | --- | ML | 1.3 | 6865424 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.14 | 9.0 | Lg | 09:33:15.519 | -0.7 | | | | | T__ | | | | --- | | 6865421 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.51 | 180.9 | Pg | 09:33:20.282 | 0.2 | | | | | T__ | | 54.8 | | --- | ML | 1.5 | 6865426 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.51 | 180.9 | Lg | 09:33:26.897 | -0.6 | | | | | T__ | | | | --- | | 6865425 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|--|--|--|--|-----|------|--|--|-----|---------|------|---------|------|-----|------|-----|------|-----|-----|---|
| DRGR | 1.00 | 48.0 | Lg | 09:33:42.945 | -1.7 | | | | | T__ | | | | | 6865423 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| GZR | 1.09 | 132.0 | Pg | 09:33:31.285 | 0.6 | | | | | T__ | 42.3 | | | --- | ML | 1.7 | 6865422 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1)

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/16 | 11:20:03.86 | 1.30 | 1.21 | 47.8850 | 19.8313 | 12.1 | 4.0 | 168 | 0.0f | 9 | 6 | 211 | 0.05 | 1.03 | sx | BUD | 17002142 | BUD | | | | 246 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.3 | 3 BUD | 17002142 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-----|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.05 | 51.8 | Pg | 11:20:06.006 | 0.3 | | | | | T__ | | 745.1 | | --- | ML | 1.3 | 6865468 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.05 | 51.8 | Lg | 11:20:06.917 | -0.7 | | | | | T__ | | | | --- | | 6865469 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|--|--|--|--|-----|--|-------|--|-----|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| HU03A | 0.16 | 277.0 | Pg | 11:20:07.954 | 0.4 | | | | | T__ | | 232.6 | | --- | ML | 1.1 | 6865476 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.16 | 277.0 | Lg | 11:20:09.973 | -0.5 | | | | | T__ | | | | --- | | 6865470 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|----|--------------|------|--|--|--|--|-----|--|------|--|-----|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| KECS | 0.74 | 35.9 | Pg | 11:20:19.549 | 0.8 | | | | | T__ | | 84.2 | | --- | ML | 1.8 | 6865472 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.74 | 35.9 | Lg | 11:20:29.928 | -0.1 | | | | | T__ | | | | --- | | 6865471 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|--|--|--|--|-----|--|--|--|-----|--|---------|------|----|----|-----|------|-----|-----|---|
| JOS | 0.77 | 37.5 | Lg | 11:20:30.442 | -0.6 | | | | | T__ | | | | --- | | 6865473 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 0.90 | 312.8 | Lg | 11:20:34.922 | -0.5 | | | | | T__ | | | | --- | | 6865474 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| ABAH | 1.03 | 65.9 | Sn | 11:20:38.020 | -2.6 | | | | | T__ | | | | --- | | 6865475 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/17 | 07:17:50.80 | 1.40 | 0.96 | 46.1062 | 22.8362 | 11.0 | 6.7 | 60 | 0.0f | 7 | 6 | 142 | 0.23 | 0.98 | sx | BUD | 17002148 | BUD | | | | 213 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.3 | 3 BUD | 17002150 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.23 | 168.1 | Pg | 07:17:55.697 | 0.6 | | | | | T__ | | 439.7 | | --- | ML | 1.6 | 6867763 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.23 | 168.1 | Lg | 07:17:57.596 | -0.8 | | | | | T__ | | | | --- | | 6867760 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|--|--|--|--|-----|--|--|--|-----|--|---------|------|----|----|-----|------|-----|-----|---|
| DRGR | 0.69 | 352.9 | Lg | 07:18:15.186 | -0.8 | | | | | T__ | | | | --- | | 6867764 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| GZR | 0.71 | 183.4 | Lg | 07:18:13.758 | -0.8 | | | | | T__ | | | | --- | | 6867761 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| SIRR | 0.83 | 281.6 | Lg | 07:18:19.464 | -0.5 | | | | | T__ | | | | --- | | 6867765 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| LOT | 0.93 | 134.9 | Lg | 07:18:21.047 | -1.1 | | | | | T__ | | | | --- | | 6867762 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| BZS | 0.98 | 240.6 | Lg | 07:18:23.426 | -0.3 | | | | | T__ | | | | --- | | 6867766 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/17 | 07:23:04.39 | 1.31 | 0.98 | 47.3621 | 18.3954 | 6.7 | 4.9 | 88 | 0.0f | 13 | 10 | 110 | 0.09 | 1.16 | sx | BUD | 17002150 | BUD | | | | 173 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.3 | 3 BUD | 17002150 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 270.7 | Pg | 07:23:07.043 | 0.2 | | | | | T__ | | 1797.9 | | ___ | ML | 1.8 | 6867855 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 270.7 | Lg | 07:23:08.601 | -0.7 | | | | | T__ | | | | --- | | 6867848 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.10 | 288.5 | Lg | 07:23:09.013 | -0.5 | | | | | T__ | | | | --- | | 6867857 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.14 | 244.6 | Pg | 07:23:08.620 | 0.8 | | | | | T__ | | 325.4 | | ___ | ML | 1.2 | 6867859 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.14 | 244.6 | Lg | 07:23:10.218 | -0.7 | | | | | T__ | | | | --- | | 6867858 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.18 | 276.7 | Lg | 07:23:11.631 | -0.8 | | | | | T__ | | | | --- | | 6867860 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.28 | 358.2 | Lg | 07:23:14.907 | -0.7 | | | | | T__ | | | | --- | | 6867850 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.33 | 282.4 | Pg | 07:23:12.524 | 1.1 | | | | | T__ | | 157.3 | | ___ | ML | 1.4 | 6867856 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.33 | 282.4 | Lg | 07:23:16.504 | -0.8 | | | | | T__ | | | | --- | | 6867851 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A267A | 0.42 | 171.9 | Lg | 07:23:19.262 | -1.0 | | | | | T__ | | | | --- | | 6867852 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.61 | 252.1 | Lg | 07:23:25.661 | -0.7 | | | | | T__ | | | | --- | | 6867853 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.16 | 60.7 | Sn | 07:23:43.269 | -1.6 | | | | | T__ | | | | --- | | 6867854 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.16 | 171.5 | Sn | 07:23:43.532 | -0.6 | | | | | T__ | | | | --- | | 6867849 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/17 | 07:24:59.36 | 2.59 | 1.64 | 48.1194 | 21.3214 | 16.6 | 6.9 | 130 | 0.0f | | 8 | 6 | 221 | 0.19 | 1.03 | sx | BUD | 17002152 | BUD | | | 275 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.0 | 3 BUD | 17002152 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.19 | 342.9 | Pg | 07:25:04.066 | 0.5 | | | | | T__ | | 213.3 | | _c_ | ML | 1.1 | 6867916 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.19 | 342.9 | Lg | 07:25:06.340 | -0.9 | | | | | T__ | | | | --- | | 6867917 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.53 | 270.6 | Pg | 07:25:11.089 | 0.4 | | | | | T__ | | 22.3 | | ___ | ML | 1.1 | 6867918 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.64 | 306.1 | Pg | 07:25:12.810 | 0.6 | | | | | T__ | | 23.7 | | ___ | ML | 1.2 | 6867915 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.64 | 306.1 | Lg | 07:25:22.003 | -0.1 | | | | | T__ | | | | --- | | 6867919 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.67 | 303.4 | Lg | 07:25:22.356 | -0.5 | | | | | T__ | | | | --- | | 6867920 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| PSZ | 0.98 | 258.7 | Lg | 07:25:32.563 | -2.1 | | | | | T__ | | | | --- | | 6867921 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 1.03 | 37.5 | Lg | 07:25:33.068 | -2.7 | | | | | T__ | | | | --- | | 6867922 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/17 | 07:49:42.22 | 4.33 | 0.30 | 46.8280 | 22.8292 | 47.3 | 18.8 | 174 | 0.0f | | 6 | 4 | 268 | 0.09 | 1.53 | sx | BUD | 17002154 | BUD | | | 299 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | |

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DRGR 0.09 245.9 Pg 07:49:44.399 -0.0 T__ 158.9 ___ ML 0.7 6867944 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.09 245.9 Lg 07:49:46.380 0.0 T__ ___ 6867945 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
GZR 1.44 181.5 Pn 07:50:09.202 0.2 T__ 21.5 ___ ML 1.6 6867947 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.44 181.5 Sn 07:50:29.483 0.1 T__ ___ 6867946 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
BZS 1.48 215.2 Sn 07:50:29.700 -0.1 T__ ___ 6867948 FDSN RO -- BUD iLoc HHN ??? _
LOT 1.53 154.3 Sn 07:50:31.689 -0.5 T__ ___ 6867949 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/17 08:01:14.90 3.72 0.33 48.4520 20.6953 23.2 11.4 87 0.0f 5 3 292 0.11 0.76 sx BUD 17002156 BUD 349

```

```
Magnitude Err Nsta Author OrigID
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.11 293.0 Pg 08:01:17.439 0.0 T__ 61.5 ___ ML 0.4 6867967 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.11 293.0 Lg 08:01:19.113 -0.3 T__ ___ 6867969 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
KECS 0.14 282.7 Pg 08:01:18.152 0.1 T__ 220.9 ___ ML 1.0 6867968 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.14 282.7 Lg 08:01:20.698 0.2 T__ ___ 6867970 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ 0.76 225.4 Lg 08:01:42.247 -0.2 T__ ___ 6867971 FDSN GE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/17 08:55:05.41 0.87 1.03 47.3702 18.4141 4.1 3.1 160 0.0f 27 22 54 0.10 1.47 sx BUD 17002160 BUD 71

```

```
Magnitude Err Nsta Author OrigID
ML 1.9 0.2 6 BUD 17002160
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.10 266.2 Pg 08:55:09.082 0.9 T__ 6468.3 ___ ML 2.4 6868094 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.10 266.2 Lg 08:55:09.825 -1.0 T__ ___ 6868095 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
MSW1 0.11 282.2 Pg 08:55:09.177 1.0 T__ 3432.0 ___ ML 2.1 6868117 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.11 282.2 Lg 08:55:10.018 -0.9 T__ ___ 6868118 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MSW2 0.15 243.9 Pg 08:55:09.874 0.8 T__ 652.3 ___ ML 1.5 6868120 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.15 243.9 Lg 08:55:11.028 -1.4 T__ ___ 6868119 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
MSW3 0.20 273.9 Pg 08:55:10.788 0.9 T__ 575.2 ___ ML 1.6 6868121 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU09A 0.27 355.4 Lg 08:55:16.242 -0.1 T__ ___ 6868096 FDSN ZJ 00 BUD iLoc HHN ??? _

```

| | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|---------|------|---------|------|-----|------|-----|------|-----|-----|---|
| HU08A | 0.34 | 280.6 | Lg | 08:55:17.272 | -1.4 | T__ | --- | 6868097 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| A271A | 0.36 | 126.8 | Lg | 08:55:18.698 | -0.8 | T__ | --- | 6868098 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| BUD | 0.43 | 74.4 | Lg | 08:55:21.313 | -0.7 | T__ | --- | 6868099 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| SRO | 0.45 | 351.3 | Lg | 08:55:21.432 | -1.1 | T__ | --- | 6868100 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| HU10A | 0.63 | 40.5 | Lg | 08:55:28.285 | -0.5 | T__ | --- | 6868102 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| MPLH | 0.63 | 251.8 | Lg | 08:55:27.334 | -0.6 | T__ | --- | 6868101 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| A338A | 0.65 | 356.3 | Lg | 08:55:28.681 | -0.9 | T__ | --- | 6868103 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| EGYH | 0.74 | 274.1 | Lg | 08:55:30.424 | -1.1 | T__ | --- | 6868104 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| HU01A | 0.82 | 91.3 | Lg | 08:55:34.306 | -1.2 | T__ | --- | 6868105 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| PSZ | 1.14 | 60.7 | Pn | 08:55:28.602 | 0.9 | T__ | 54.1 | ML | 1.9 | 6868108 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.14 | 60.7 | Sn | 08:55:44.526 | -1.0 | T__ | --- | 6868107 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| VYHS | 1.16 | 14.0 | Lg | 08:55:44.447 | -1.4 | T__ | --- | 6868111 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| MORH | 1.17 | 172.1 | Pn | 08:55:29.156 | 1.5 | T__ | 50.3 | ML | 1.9 | 6868110 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.17 | 172.1 | Sn | 08:55:44.367 | -0.9 | T__ | --- | 6868109 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| ZST | 1.21 | 313.5 | Sn | 08:55:45.635 | -1.2 | T__ | --- | 6868112 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| MODS | 1.26 | 323.1 | Sn | 08:55:47.378 | -1.1 | T__ | --- | 6868113 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| KOVH | 1.30 | 189.7 | Sn | 08:55:48.170 | -0.5 | T__ | --- | 6868114 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| HU21A | 1.38 | 138.5 | Sn | 08:55:50.626 | 0.2 | T__ | --- | 6868115 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| RONA | 1.47 | 283.7 | Sn | 08:55:52.924 | -0.1 | T__ | --- | 6868116 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/17 | 10:12:43.81 | 1.08 | 0.95 | 48.5143 | 17.4617 | 9.1 | 3.1 | 118 | 0.0f | | 11 | 7 | 195 | 0.19 | 1.26 | sx | BUD | 17002162 | BUD | | | 214 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 3 BUD | 17002162 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.19 | 221.2 | Pg | 10:12:48.380 | 0.2 | | | | | T__ | | | | | | 6868155 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.19 | 221.2 | Lg | 10:12:50.598 | -1.2 | | | | | T__ | | | | | | 6868157 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.37 | 21.8 | Pg | 10:12:52.352 | 0.6 | | | | | T__ | | 105.9 | | | ML | 1.4 | 6868162 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.37 | 21.8 | Lg | 10:12:56.313 | -1.7 | | | | | T__ | | | | | | 6868158 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.40 | 217.1 | Lg | 10:12:58.187 | -0.5 | | | | | T__ | | | | | | 6868159 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 0.89 | 308.2 | Pg | 10:13:01.578 | 0.6 | | | | | T__ | | 27.4 | | | ML | 1.4 | 6868163 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.89 | 308.2 | Lg | 10:13:12.986 | -1.1 | | | | | T__ | | | | | | 6868160 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.13 | 224.2 | Lg | 10:13:21.352 | 0.5 | | | | | T__ | | | | | | 6868164 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.22 | 241.9 | Pg | 10:13:07.900 | 0.1 | | | | | T__ | | 39.2 | | | ML | 1.8 | 6868165 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.22 | 241.9 | Lg | 10:13:23.904 | 0.3 | | | | | T__ | | | | | | 6868161 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORC | 1.26 | 2.4 | Lg | 10:13:25.357 | 0.4 | | | | | T__ | | | | | | 6868156 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

2021/08/17 10:55:47.69 1.11 1.49 48.8767 20.5886 7.6 4.9 106 0.0f 9 6 134 0.38 1.11 sx BUD 17002164 BUD 240

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.38 | 184.9 | Pg | 10:55:56.448 | 1.1 | | | | | T__ | | 114.4 | | --- | ML | 1.4 | 6868189 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.38 | 184.9 | Lg | 10:56:01.060 | -0.2 | | | | | T__ | | | | --- | | 6868193 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.40 | 189.9 | Lg | 10:56:01.225 | -0.7 | | | | | T__ | | | | --- | | 6868191 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| NIE | 0.57 | 340.8 | Lg | 10:56:05.979 | -0.8 | | | | | T__ | | | | --- | | 6868192 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| ABAH | 0.72 | 143.1 | Pg | 10:56:02.645 | 0.6 | | | | | T__ | | 48.2 | | --- | ML | 1.6 | 6868196 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.72 | 143.1 | Lg | 10:56:12.469 | -1.5 | | | | | T__ | | | | --- | | 6868195 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.06 | 206.0 | Lg | 10:56:23.085 | -2.6 | | | | | T__ | | | | --- | | 6868194 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 1.11 | 86.4 | Pg | 10:56:09.362 | 0.6 | | | | | T__ | | | | --- | | 6868190 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 1.11 | 86.4 | Lg | 10:56:24.352 | -1.1 | | | | | T__ | | | | --- | | 6868197 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|--------------------------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/08/17 | 11:39:34.17 | 1.09 | 1.25 | 47.5746 | 18.3262 | 24.1 | 5.0 | 99 | 0.0f | 6 | 5 | 140 | 0.07 | 1.38 | kx | BUD | 17002166 | BUD | | | | 172 |
| 2021/08/17 | 11:39:33.56 | 1.05 | 1.22 | 47.5600 | 18.4573f | | | | 0.0f | 6 | 5 | 195 | 0.09 | 1.35 | kx | BUD_GT | 17002167 | BUD_GT | | | | 235 |
| (locality : Tatabánya Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Lg | 11:39:37.825 | -0.5 | | | | | T__ | | | | --- | | 6868235 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.24 | 214.2 | Pg | 11:39:39.568 | 0.7 | | | | | T__ | | 226.7 | | --- | ML | 1.3 | 6868237 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 11:39:42.222 | -1.3 | | | | | T__ | | | | --- | | 6868236 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SRO | 0.27 | 339.1 | Lg | 11:39:43.530 | -1.0 | | | | | T__ | | | | --- | | 6868234 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| MODS | 1.14 | 316.2 | Sn | 11:40:11.575 | -2.0 | | | | | T__ | | | | --- | | 6868238 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.35 | 174.5 | Sn | 11:40:17.913 | -0.2 | | | | | T__ | | | | --- | | 6868239 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|----------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/08/18 | 05:58:06.10 | 1.14 | 0.74 | 47.3262 | 18.3020 | 7.7 | 3.0 | 135 | 5.0f | 18 | 12 | 106 | 0.05 | 1.70 | ke | BUD | 17002172 | BUD | | | | 125 |
| 2021/08/18 | 05:58:05.50 | 0.87 | 0.91 | 47.3167 | 18.3081f | | | | 0.0f | 18 | 12 | 107 | 0.06 | 1.70 | kx | BUD_GT | 17002173 | BUD_GT | | | | 125 |
| (locality : Magyaralmás Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD_GT 17002173

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 325.1 | Pg | 05:58:07.765 | 0.4 | | | | | T__ | | 1807.7 | | --- | ML | 1.7 | 6869966 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 325.1 | Lg | 05:58:08.404 | -0.9 | | | | | T__ | | | | --- | | 6869972 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |


```

(Station ML: 1.7 magdef=0
MSW2 0.07 257.7 Pg 05:58:08.063 0.5 T__ 923.0 ___ ML 1.5 6869978 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.07 257.7 Lg 05:58:09.163 -0.4 T__ ___ 6869979 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW1 0.08 336.4 Pg 05:58:08.259 0.4 T__ 1508.5 ___ ML 1.7 6869981 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 336.4 Lg 05:58:09.139 -1.0 T__ ___ 6869980 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW3 0.14 298.3 Pg 05:58:09.310 0.4 T__ 357.0 ___ ML 1.2 6869982 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.14 298.3 Lg 05:58:11.633 -0.4 T__ ___ 6869983 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU08A 0.29 293.8 Lg 05:58:16.155 -0.8 T__ ___ 6869969 FDSN ZJ 00 BUD iLoc HHN ??? _
HU09A 0.33 8.9 Pg 05:58:13.119 0.6 T__ 217.9 ___ ML 1.5 6869974 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.33 8.9 Lg 05:58:18.288 -0.2 T__ ___ 6869973 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MPLH 0.54 254.6 Lg 05:58:25.511 0.3 T__ ___ 6869970 FDSN HU -- BUD iLoc HHN ??? _
HU10A 0.71 42.0 Lg 05:58:30.516 -1.5 T__ ___ 6869975 FDSN ZJ 00 BUD iLoc HHE ??? _
MORH 1.13 168.1 Lg 05:58:43.575 -0.6 T__ ___ 6869967 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.23 60.1 Pn 05:58:30.062 1.0 T__ 31.7 ___ ML 1.7 6869977 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.23 60.1 Sn 05:58:46.400 -1.4 T__ ___ 6869976 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOVH 1.24 186.7 Sn 05:58:47.695 0.5 T__ ___ 6869968 FDSN HU -- BUD iLoc HHN ??? _
HU02A 1.70 60.9 Sn 05:58:56.920 -2.0 T__ ___ 6869971 FDSN ZJ 00 BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/18 | 06:55:03.81 | 4.26 | 1.10 | 46.8689 | 22.7119 | 29.8 | 22.2 | 54 | 0.0f | 6 | 4 | 307 | 0.08 | 1.48 | sx | BUD | 17002174 | BUD | | | | 326 |

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.08 180.4 Pg 06:55:05.867 0.1 T__ 277.4 ___ ML 1.0 6870012 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.08 180.4 Lg 06:55:07.451 -0.1 T__ ___ 6870014 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
SIRR 0.94 230.7 Lg 06:55:36.689 0.2 T__ ___ 6870015 FDSN RO -- BUD iLoc HHN ??? _
BZS 1.47 211.6 Pn 06:55:29.621 -1.0 T__ 16.1 ___ ML 1.5 6870013 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.47 211.6 Sn 06:55:51.091 -0.0 T__ ___ 6870017 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
GZR 1.48 178.2 Sn 06:55:50.369 -1.6 T__ ___ 6870016 FDSN RO -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/18 | 07:14:41.98 | 0.94 | 1.50 | 47.6227 | 18.5432 | 6.3 | 4.1 | 179 | 0.0f | 20 | 15 | 81 | 0.11 | 1.83 | sx | BUD | 17002176 | BUD | | | | 105 |

Magnitude Err Nsta Author OrigID
ML 2.0 0.4 4 BUD 17002176

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.11 | 278.4 | Pg | 07:14:45.934 | 1.2 | | | | | T__ | | 3305.8 | | _c_ | ML | 2.1 | 6870130 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.11 | 278.4 | Lg | 07:14:46.746 | -0.6 | | | | | T__ | | | | --- | | 6870135 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SRO | 0.25 | 320.9 | Lg | 07:14:50.857 | -1.1 | | | | | T__ | | | | --- | | 6870147 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| BUD | 0.35 | 113.0 | Lg | 07:14:56.411 | 0.5 | | | | | T__ | | | | --- | | 6870136 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW3 | 0.37 | 229.9 | Lg | 07:14:54.821 | -1.5 | | | | | T__ | | | | --- | | 6870148 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MPLH | 0.82 | 236.8 | Lg | 07:15:08.438 | -2.2 | | | | | T__ | | | | --- | | 6870149 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| EGYH | 0.85 | 256.4 | Pg | 07:14:59.939 | 0.8 | | | | | T__ | | 277.5 | | --- | ML | 2.4 | 6870141 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.85 | 256.4 | Lg | 07:15:11.362 | -0.2 | | | | | T__ | | | | --- | | 6870142 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 71.5 | Pn | 07:15:01.342 | -0.5 | | | | | T__ | | 57.5 | | --- | ML | 1.8 | 6870144 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 71.5 | Lg | 07:15:14.368 | -2.4 | | | | | T__ | | | | --- | | 6870143 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 1.13 | 301.2 | Sn | 07:15:18.877 | -2.6 | | | | | T__ | | | | --- | | 6870146 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.13 | 311.9 | Pn | 07:15:03.947 | -0.4 | | | | | T__ | | | | --- | | 6870145 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 1.13 | 311.9 | Sn | 07:15:18.753 | -3.3 | | | | | T__ | | | | --- | | 6870137 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 1.37 | 335.1 | Sn | 07:15:28.161 | -0.2 | | | | | T__ | | | | --- | | 6870131 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.41 | 177.2 | Pn | 07:15:08.137 | 0.5 | | | | | T__ | | 20.2 | | --- | ML | 1.6 | 6870139 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.41 | 177.2 | Sn | 07:15:26.992 | -1.0 | | | | | T__ | | | | --- | | 6870138 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.52 | 273.7 | Sn | 07:15:30.715 | -0.2 | | | | | T__ | | | | --- | | 6870133 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.56 | 191.4 | Sn | 07:15:30.795 | -1.0 | | | | | T__ | | | | --- | | 6870140 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| JOS | 1.60 | 56.1 | Sn | 07:15:34.042 | 1.3 | | | | | T__ | | | | --- | | 6870134 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.83 | 280.6 | Sn | 07:15:38.936 | 0.1 | | | | | T__ | | | | --- | | 6870132 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/18 08:19:41.55 0.94 0.69 46.8748 17.3069 5.8 4.0 62 0.0f 15 12 81 0.13 1.44 sx BUD 17002180 BUD 126

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 17002180

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.13 | 305.5 | Pg | 08:19:45.101 | 0.2 | | | | | T__ | | 8012.6 | | --- | ML | 2.6 | 6870295 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.13 | 305.5 | Lg | 08:19:47.239 | -0.4 | | | | | T__ | | | | --- | | 6870281 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.23 | 178.7 | Lg | 08:19:50.071 | -0.7 | | | | | T__ | | | | --- | | 6870283 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.34 | 28.2 | Lg | 08:19:54.672 | 0.1 | | | | | T__ | | | | --- | | 6870284 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| EGYH | 0.54 | 1.8 | Lg | 08:20:00.866 | -0.6 | | | | | T__ | | | | --- | | 6870285 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.70 | 36.9 | Lg | 08:20:07.061 | -0.1 | | | | | T__ | | | | --- | | 6870286 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.81 | 52.8 | Lg | 08:20:10.600 | -0.9 | | | | | T__ | | | | --- | | 6870287 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 0.96 | 144.9 | Pg | 08:20:01.619 | 0.7 | | | | | T__ | | 31.3 | | --- | ML | 1.5 | 6870296 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.96 | 144.9 | Lg | 08:20:13.963 | -0.6 | | | | | T__ | | | | --- | | 6870288 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 1.06 | 43.4 | Sn | 08:20:18.918 | 0.0 | | | | | T__ | | | | --- | | 6870291 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| RONA | 1.07 | 320.6 | Pg | 08:20:03.344 | 0.3 | T__ | | | | 32.9 | ___ | ML | 1.6 | 6870290 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.07 | 320.6 | Lg | 08:20:17.325 | 0.1 | T__ | | | | | --- | | | 6870289 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.13 | 125.1 | Sn | 08:20:19.449 | -0.8 | T__ | | | | | --- | | | 6870292 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| PTJ | 1.34 | 224.2 | Sn | 08:20:24.404 | -1.5 | T__ | | | | | --- | | | 6870293 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| CONA | 1.44 | 317.6 | Sn | 08:20:28.121 | 0.1 | T__ | | | | | --- | | | 6870294 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/18 | 08:59:43.76 | 0.93 | 1.28 | 48.4136 | 17.2737 | 5.5 | 3.2 | 94 | 0.0f | | 11 | 8 | 146 | 0.04 | 1.30 | sx | BUD | 17002182 | BUD | | | 218 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|------|---------|------|------|------|-----|------|-----|-----|---|
| MODS | 0.04 | 176.5 | Pg | 08:59:44.795 | -0.5 | | | | | T__ | | | | | | 6870340 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| MODS | 0.04 | 176.5 | Lg | 08:59:46.538 | -0.3 | | | | | T__ | | | | | | 6870341 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| ZST | 0.25 | 207.8 | Lg | 08:59:52.947 | -0.6 | | | | | T__ | | | | | | 6870342 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| JAVC | 0.52 | 30.4 | Pg | 08:59:54.462 | -0.2 | | | | | T__ | | 53.9 | | | ___ | ML | 1.5 | 6870350 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.52 | 30.4 | Lg | 09:00:04.350 | 1.4 | | | | | T__ | | | | | | --- | | 6870349 | FDSN | CZ | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A001A | 0.55 | 305.0 | Lg | 09:00:02.247 | -1.0 | | | | | T__ | | | | | | 6870343 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| KRUC | 0.87 | 318.5 | Pg | 09:00:00.571 | 0.1 | | | | | T__ | | 21.1 | | | ___ | ML | 1.3 | 6870348 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.87 | 318.5 | Lg | 09:00:11.663 | -1.7 | | | | | T__ | | | | | | --- | | 6870344 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.97 | 222.9 | Lg | 09:00:17.037 | 1.4 | | | | | T__ | | | | | | --- | | 6870345 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| CONA | 1.06 | 243.3 | Lg | 09:00:20.155 | 1.7 | | | | | T__ | | | | | | --- | | 6870346 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| A013A | 1.30 | 255.0 | Lg | 09:00:26.921 | 1.4 | | | | | T__ | | | | | | --- | | 6870347 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/18 | 09:52:22.88 | 1.04 | 1.12 | 48.9023 | 21.2710 | 7.7 | 4.4 | 157 | 0.0f | | 11 | 7 | 137 | 0.61 | 1.35 | sx | BUD | 17002184 | BUD | | | 215 |

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 5 BUD 17002184

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| ABAH | 0.61 | 182.0 | Pg | 09:52:35.376 | 0.3 | | | | | T__ | | 58.0 | | | ___ | ML | 1.6 | 6870401 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.61 | 182.0 | Lg | 09:52:43.977 | -1.2 | | | | | T__ | | | | | | --- | | 6870398 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.63 | 230.3 | Pg | 09:52:36.002 | 0.5 | | | | | T__ | | 64.4 | | | ___ | ML | 1.7 | 6870394 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.63 | 230.3 | Lg | 09:52:44.510 | -0.5 | | | | | T__ | | | | | | --- | | 6870399 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.66 | 86.9 | Pg | 09:52:36.002 | 0.4 | | | | | T__ | | | | | | --- | | 6870395 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KOLS | 0.66 | 86.9 | Lg | 09:52:44.986 | -1.4 | | | | | T__ | | | | | | --- | | 6870402 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| KECS | 0.67 | 231.4 | Pg | 09:52:36.560 | 0.4 | | | | | T__ | | 96.6 | | | ___ | ML | 1.9 | 6870396 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.67 | 231.4 | Lg | 09:52:45.131 | -1.1 | | | | | T__ | | | | | | --- | | 6870400 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 1.9 magdef=0
 NIE 0.82 309.4 Lg 09:52:49.080 -1.0 T__
 TRPA 1.14 132.0 Pn 09:52:46.209 1.1 T__ 36.6 --- ML 1.7 6870403 FDSN HU -- BUD iLoc HHZ HHZ _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1
 PSZ 1.35 223.5 Pn 09:52:49.791 1.6 T__ 30.7 --- ML 1.7 6870404 FDSN GE -- BUD iLoc HHZ HHZ _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/18 | 10:00:30.93 | 0.89 | 0.58 | 48.1635 | 16.9117 | 7.0 | 3.3 | 140 | 0.0f | 12 | 8 | 146 | 0.13 | 1.31 | sx | BUD | 17002186 | BUD | | | | 172 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| ZST | 0.13 | 75.6 | Pg | 10:00:34.630 | 0.5 | | | | | T__ | | | | | | 6870850 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| ZST | 0.13 | 75.6 | Lg | 10:00:36.690 | -0.3 | | | | | T__ | | | | | | 6870849 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| MODS | 0.32 | 49.1 | Pg | 10:00:38.223 | 0.3 | | | | | T__ | | | | | | 6870860 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| MODS | 0.32 | 49.1 | Lg | 10:00:43.056 | -0.5 | | | | | T__ | | | | | | 6870851 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| RONA | 0.62 | 222.0 | Pg | 10:00:43.228 | -0.2 | | | | | T__ | 35.6 | | | --- | ML | 1.4 | 6870853 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.62 | 222.0 | Lg | 10:00:51.309 | -0.4 | | | | | T__ | | | | | | 6870852 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.74 | 251.9 | Lg | 10:00:55.517 | 0.1 | | | | | T__ | | | | | | 6870854 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| JAVC | 0.86 | 35.7 | Lg | 10:01:00.513 | -1.4 | | | | | T__ | | | | | | 6870855 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | |
| KRUC | 0.96 | 339.3 | Lg | 10:01:03.562 | -0.1 | | | | | T__ | | | | | | 6870856 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | |
| VRAC | 1.17 | 349.7 | Lg | 10:01:10.543 | 0.4 | | | | | T__ | | | | | | 6870857 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | |
| ARSA | 1.31 | 226.3 | Pn | 10:00:56.085 | 0.0 | | | | | T__ | 47.7 | | | --- | ML | 1.9 | 6870859 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ARSA | 1.31 | 226.3 | Lg | 10:01:13.039 | 0.4 | | | | | T__ | | | | | | 6870858 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/18 | 10:08:05.59 | 1.49 | 1.43 | 48.6198 | 20.8293 | 7.7 | 7.4 | 42 | 0.0f | 6 | 5 | 163 | 0.23 | 0.94 | sx | BUD | 17002188 | BUD | | | | 260 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| JOS | 0.23 | 237.3 | Pg | 10:08:10.988 | 0.6 | | | | | T__ | | 301.5 | | --- | ML | 1.4 | 6870879 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.23 | 237.3 | Lg | 10:08:13.682 | -0.4 | | | | | T__ | | | | | | 6870880 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.27 | 239.2 | Lg | 10:08:15.118 | -0.2 | | | | | T__ | | | | | | 6870884 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| ABAH | 0.42 | 139.7 | Lg | 10:08:21.154 | -0.4 | | | | | T__ | | | | | | 6870881 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| NIE | 0.87 | 336.6 | Lg | 10:08:33.529 | -0.9 | | | | | T__ | | | | | | 6870883 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | | |
| PSZ | 0.94 | 222.0 | Lg | 10:08:37.258 | -2.1 | | | | | T__ | | | | | | 6870882 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/18 | 13:53:39.12 | 0.90 | 0.60 | 47.8835 | 16.0722 | 5.1 | 3.5 | 24 | 0.0f | 14 | 10 | 82 | 0.15 | 1.50 | sx | BUD | 17002190 | BUD | | | | 130 |

Magnitude Err Nsta Author OrigID
 ML 1.1 0.3 3 BUD 17002190

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| CONA | 0.15 | 287.6 | Pg | 13:53:42.262 | -0.1 | | | | | T__ | | 239.9 | | --- | ML | 1.1 6871855 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.15 | 287.6 | Lg | 13:53:43.926 | -0.7 | | | | | T__ | | | | --- | | 6871856 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.24 | 140.5 | Pg | 13:53:44.122 | -0.0 | | | | | T__ | | 86.9 | | _c_ | ML | 0.9 6871859 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.24 | 140.5 | Lg | 13:53:47.608 | -0.0 | | | | | T__ | | | | --- | | 6871858 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.48 | 189.2 | Lg | 13:53:54.624 | -0.2 | | | | | T__ | | | | --- | | 6871860 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| A013A | 0.48 | 292.2 | Lg | 13:53:55.147 | 0.4 | | | | | T__ | | | | --- | | 6871857 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A018A | 0.68 | 258.6 | Lg | 13:54:01.229 | 0.2 | | | | | T__ | | | | --- | | 6871861 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| ARSA | 0.73 | 210.6 | Lg | 13:54:02.560 | -0.0 | | | | | T__ | | | | --- | | 6871862 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 0.94 | 58.3 | Pg | 13:53:58.930 | 0.6 | | | | | T__ | | | | --- | | 6871864 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.94 | 58.3 | Lg | 13:54:12.081 | -0.8 | | | | | T__ | | | | --- | | 6871863 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| KRUC | 1.20 | 10.2 | Sn | 13:54:19.837 | 0.3 | | | | | T__ | | | | --- | | 6871865 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| TREC | 1.46 | 344.8 | Pn | 13:54:07.046 | 0.7 | | | | | T__ | | 84.2 | | --- | ML | 2.2 6871867 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| TREC | 1.46 | 344.8 | Sn | 13:54:27.170 | 1.2 | | | | | T__ | | | | --- | | 6871866 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.50 | 309.2 | Sn | 13:54:27.833 | 0.5 | | | | | T__ | | | | --- | | 6871868 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/08/18 14:22:30.39 0.87 0.74 46.1477 16.4464 5.6 3.2 127 9.5 8.3 28 21 65 0.33 1.85 ke BUD 17002192 BUD 121

Magnitude Err Nsta Author OrigID
 ML 2.0 0.0 7 BUD 17002192

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| KOGS | 0.33 | 335.7 | Pg | 14:22:37.194 | -0.0 | | | | | T__ | | 621.8 | | --- | ML | 2.0 6871924 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.33 | 335.7 | Lg | 14:22:42.106 | 0.3 | | | | | T__ | | | | --- | | 6871923 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.40 | 35.2 | Pg | 14:22:38.121 | -0.5 | | | | | T__ | | 1307.3 | | --- | ML | 2.5 6871927 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.40 | 35.2 | Lg | 14:22:44.301 | 0.1 | | | | | T__ | | | | --- | | 6871926 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.41 | 234.3 | Pg | 14:22:38.441 | -0.5 | | | | | T__ | | 217.4 | | --- | ML | 1.8 6871920 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.41 | 234.3 | Lg | 14:22:44.937 | -0.3 | | | | | T__ | | | | --- | | 6871919 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| ZAG | 0.45 | 225.1 | Pg | 14:22:39.759 | 0.3 | | | | | T__ | | 1589.7 | | --- | ML | 2.8 6871918 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.45 | 225.1 | Lg | 14:22:46.255 | 0.4 | | | | | T__ | | | | --- | | 6871917 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.59 | 88.5 | Lg | 14:22:50.974 | 0.9 | | | | | T__ | | | | --- | | 6871925 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A262A | 0.72 | 4.4 | Lg | 14:22:55.426 | 1.3 | | | | | T__ | | | | --- | | 6871929 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| CRES | 0.76 | 245.3 | Pg | 14:22:44.740 | -0.2 | | | | | T__ | | 123.6 | | _c_ | ML | 2.0 6871921 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |

| | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|---------|------|---------|------|-----|------|-----|------|-----|-----|
| CRES | 0.76 | 245.3 | Lg | 14:22:56.307 | -0.0 | T__ | --- | 6871922 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | |
| A263A | 0.78 | 50.3 | Lg | 14:22:57.187 | 1.1 | T__ | --- | 6871930 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A261A | 0.94 | 30.8 | Lg | 14:23:00.936 | -0.2 | T__ | --- | 6871935 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A273A | 0.98 | 103.1 | Lg | 14:23:01.818 | -0.2 | T__ | --- | 6871936 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.15 | 92.4 | Lg | 14:23:06.839 | -0.6 | T__ | --- | 6871938 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.27 | 36.0 | Pg | 14:22:54.047 | -0.6 | T__ | 66.1 | ML | 2.0 | 6871933 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ |
| MPLH | 1.27 | 36.0 | Sn | 14:23:10.684 | 0.5 | T__ | --- | 6871939 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | |
| ARSA | 1.27 | 330.4 | Pn | 14:22:53.781 | 0.2 | T__ | 92.2 | ML | 2.2 | 6871941 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ |
| ARSA | 1.27 | 330.4 | Sn | 14:23:11.211 | 1.1 | T__ | --- | 6871940 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | |
| A011B | 1.31 | 345.3 | Lg | 14:23:12.371 | 0.5 | T__ | --- | 6871942 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| OBKA | 1.36 | 286.1 | Sn | 14:23:14.441 | 1.1 | T__ | --- | 6871931 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| BLY | 1.49 | 159.4 | Sn | 14:23:16.014 | 0.2 | T__ | --- | 6871928 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.53 | 86.7 | Sn | 14:23:17.053 | 0.8 | T__ | --- | 6871932 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.56 | 356.3 | Lg | 14:23:19.612 | -0.5 | T__ | --- | 6871943 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A267A | 1.62 | 59.6 | Sn | 14:23:20.152 | 1.5 | T__ | --- | 6871944 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.83 | 347.6 | Lg | 14:23:27.118 | -1.2 | T__ | --- | 6871945 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A018A | 1.85 | 330.1 | Lg | 14:23:28.329 | -0.3 | T__ | --- | 6871934 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/18 | 15:10:18.12 | 0.86 | 0.55 | 47.5883 | 16.3913 | 4.1 | 3.4 | 145 | 0.0f | | 21 | 15 | 67 | 0.13 | 1.66 | sx | BUD | 17002194 | BUD | | | 112 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 6 BUD | 17002194 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.13 | 330.1 | Pg | 15:10:21.155 | 0.1 | | | | | T__ | | 1295.1 | | _c | ML | 1.8 | 6871993 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.13 | 330.1 | Lg | 15:10:22.819 | -0.4 | | | | | T__ | | | | --- | | 6871996 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.15 | 49.9 | Pg | 15:10:21.987 | 0.5 | | | | | T__ | 208.3 | | | --- | ML | 1.0 | 6871995 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.15 | 49.9 | Lg | 15:10:24.443 | 0.5 | | | | | T__ | | | | --- | | 6871994 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.34 | 238.6 | Pg | 15:10:25.024 | 0.0 | | | | | T__ | 94.8 | | | --- | ML | 1.2 | 6871998 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.34 | 238.6 | Lg | 15:10:28.906 | -0.5 | | | | | T__ | | | | --- | | 6871997 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.49 | 313.8 | Pg | 15:10:28.022 | 0.0 | | | | | T__ | 62.1 | | | --- | ML | 1.5 | 6872000 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.49 | 313.8 | Lg | 15:10:34.440 | -0.2 | | | | | T__ | | | | --- | | 6871999 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.66 | 104.7 | Lg | 15:10:41.440 | -0.2 | | | | | T__ | | | | --- | | 6872002 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.68 | 240.5 | Lg | 15:10:40.012 | 0.2 | | | | | T__ | | | | --- | | 6872001 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A013A | 0.82 | 306.0 | Lg | 15:10:44.530 | 0.1 | | | | | T__ | | | | --- | | 6872003 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.89 | 117.8 | Lg | 15:10:48.535 | -0.5 | | | | | T__ | | | | --- | | 6872005 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A018A | 0.90 | 280.4 | Lg | 15:10:47.351 | 0.4 | | | | | T__ | | | | --- | | 6872004 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|--|------|--|--|--|--|---------|---------|---------|---------|------|------|------|------|------|-----|-----|---|
| MODS | 0.99 | 36.8 | Lg | 15:10:52.050 | -1.3 | T__ | | | | | | | | | | 6872006 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | | | |
| HU08A | 1.05 | 98.0 | Sn | 15:10:54.372 | -0.5 | T__ | | | | | | | | | | 6872007 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | | | |
| KOGS | 1.14 | 184.9 | Pg | 15:10:40.627 | -0.1 | T__ | | | | | 59.7 | | | | | ML | 1.9 | 6872009 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ | |
| KOGS | 1.14 | 184.9 | Lg | 15:10:55.521 | 0.4 | T__ | | | | | | | | | | | 6872008 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A001A | 1.15 | 6.6 | Sn | 15:10:56.437 | -1.2 | T__ | | | | | | | | | | | 6872010 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| KRUC | 1.47 | 0.1 | Pn | 15:10:45.921 | 0.5 | T__ | | | | | 41.4 | | | | | | ML | 1.9 | 6872012 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.47 | 0.1 | Sn | 15:11:05.648 | 0.3 | T__ | | | | | | | | | | | | 6872011 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.66 | 230.1 | Sn | 15:11:10.077 | -0.3 | T__ | | | | | | | | | | | | 6872013 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/19 | 00:22:23.86 | 1.11 | 1.32 | 45.8732 | 20.8140 | 7.7 | 4.8 | 42 | 8.3 | 12.4 | 15 | 10 | 69 | 0.48 | 1.60 | ke | BUD | 17002196 | BUD | | | 128 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 5 BUD | 17002196 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|---------|---------|---------|---------|------|------|------|------|------|-----|-----|---|
| AMBH | 0.48 | 352.7 | Lg | 00:22:42.512 | 1.2 | | | | | T__ | | | | | | 6872090 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | | | | | |
| BANR | 0.54 | 155.2 | Lg | 00:22:43.096 | 0.8 | | | | | T__ | | | | | | 6872091 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | | | | | |
| BZS | 0.62 | 114.2 | Pg | 00:22:35.828 | -0.2 | | | | | T__ | | 54.7 | | | | ML | 1.6 | 6872084 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| BZS | 0.62 | 114.2 | Lg | 00:22:44.393 | -0.4 | | | | | T__ | | | | | | | 6872095 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | | | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.71 | 55.9 | Pg | 00:22:37.699 | -0.5 | | | | | T__ | | 31.8 | | | | ML | 1.4 | 6872097 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | | |
| SIRR | 0.71 | 55.9 | Lg | 00:22:47.961 | -0.2 | | | | | T__ | | | | | | | | 6872096 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU21A | 0.88 | 301.7 | Lg | 00:22:53.679 | -0.8 | | | | | T__ | | | | | | | | 6872092 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | | | |
| FRGS | 1.01 | 225.0 | Sn | 00:22:55.749 | -2.1 | | | | | T__ | | | | | | | | 6872098 | FDSN | SJ | -- | BUD | iLoc | BHN | ??? | _ | | | |
| GZR | 1.46 | 108.5 | Pg | 00:22:51.111 | -0.5 | | | | | T__ | | 24.4 | | | | | | ML | 1.7 | 6872086 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| GZR | 1.46 | 108.5 | Sn | 00:23:09.636 | 0.5 | | | | | T__ | | | | | | | | | 6872085 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DEV | 1.46 | 88.9 | Lg | 00:23:10.765 | 0.2 | | | | | T__ | | | | | | | | | 6872093 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | | |
| MORH | 1.55 | 283.5 | Pn | 00:22:50.494 | 0.3 | | | | | T__ | | 18.2 | | | | | | ML | 1.6 | 6872087 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 1.55 | 283.5 | Sn | 00:23:12.974 | 2.4 | | | | | T__ | | | | | | | | | | 6872094 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 1.60 | 54.4 | Pn | 00:22:52.614 | 1.2 | | | | | T__ | | 25.0 | | | | | | ML | 1.8 | 6872089 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| DRGR | 1.60 | 54.4 | Sn | 00:23:14.689 | 2.1 | | | | | T__ | | | | | | | | | | | 6872088 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/08/19 | 08:25:06.69 | 0.97 | 1.04 | 46.1913 | 18.2884 | 8.4 | 3.5 | 153 | 0.0f | | 7 | 5 | 147 | 0.17 | 0.72 | kx | BUD | 17002198 | BUD | | | 191 |
| 2021/08/19 | 08:25:06.68 | 0.97 | 0.95 | 46.1765 | 18.2926f | | | | 0.0f | | 7 | 5 | 155 | 0.16 | 0.73 | kx | BUD_GT | 17002199 | BUD_GT | | | 197 |

(locality : Komló Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 08:25:11.148 | 0.6 | | | | | T__ | | 402.5 | | --- | ML | 1.4 | 6873841 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 08:25:12.763 | -0.9 | | | | | T__ | | | | --- | | 6873840 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 08:25:12.801 | 0.6 | | | | | T__ | | 186.4 | | --- | ML | 1.3 | 6873839 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 08:25:15.926 | -0.7 | | | | | T__ | | | | --- | | 6873842 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Lg | 08:25:19.504 | -0.6 | | | | | T__ | | | | --- | | 6873843 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A264A | 0.70 | 269.0 | Lg | 08:25:30.531 | -0.1 | | | | | T__ | | | | --- | | 6873844 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A272A | 0.73 | 39.1 | Lg | 08:25:32.159 | -1.8 | | | | | T__ | | | | --- | | 6873845 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/19 | 08:29:13.20 | 1.08 | 1.11 | 48.5481 | 20.8229 | 7.8 | 3.9 | 9 | 0.0f | | 8 | 6 | 92 | 0.20 | 1.03 | sx | BUD | 17002200 | BUD | | | 172 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.20 | 254.6 | Pg | 08:29:17.890 | 0.6 | | | | | T__ | | 587.2 | | --- | ML | 1.6 | 6873867 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.20 | 254.6 | Lg | 08:29:20.206 | -0.3 | | | | | T__ | | | | --- | | 6873866 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 254.0 | Lg | 08:29:21.304 | -0.5 | | | | | T__ | | | | --- | | 6873868 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| ABAH | 0.38 | 132.1 | Pg | 08:29:21.492 | 0.5 | | | | | T__ | | 74.4 | | --- | ML | 1.2 | 6873873 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.38 | 132.1 | Lg | 08:29:26.972 | -0.6 | | | | | T__ | | | | --- | | 6873869 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.88 | 224.9 | Lg | 08:29:43.623 | -1.5 | | | | | T__ | | | | --- | | 6873871 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.94 | 338.6 | Lg | 08:29:43.494 | -0.7 | | | | | T__ | | | | --- | | 6873870 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| KOLS | 1.03 | 67.6 | Lg | 08:29:47.618 | -1.4 | | | | | T__ | | | | --- | | 6873872 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/19 | 22:36:52.12 | 0.97 | 0.44 | 47.4752 | 18.2693 | 12.3 | 3.3 | 107 | 10.0f | | 8 | 5 | 158 | 0.08 | 0.18 | ke | BUD | 17002210 | BUD | | | 316 |

Magnitude Err Nsta Author OrigID
ML 0.9 0.3 3 BUD 17002210

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.08 | 184.9 | Pg | 22:36:55.089 | 0.3 | | | | | T__ | | 437.4 | | _c | ML | 1.2 | 6875589 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 184.9 | Lg | 22:36:56.681 | -0.5 | | | | | T__ | | | | --- | | 6875590 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.11 | 183.1 | Pg | 22:36:55.569 | 0.3 | | | | | T__ | | 177.7 | | --- | ML | 0.9 | 6875588 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.11 | 183.1 | Lg | 22:36:57.544 | -0.4 | | | | | T__ | | | | --- | | 6875587 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |


```

(Station ML: 0.9 magdef=1
MSW3 0.13 226.6 Lg 22:36:58.139 -0.3 T__
MSW2 0.18 192.9 Lg 22:36:59.697 -0.2 T__
HU09A 0.18 25.1 Pg 22:36:56.553 0.2 T__
HU09A 0.18 25.1 Lg 22:36:59.506 -0.4 T__
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/20 07:17:19.49 2.51 0.51 48.9229 19.3506 19.2 5.0 169 0.0f 11 6 257 0.55 1.40 sx BUD 17002214 BUD 315

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 5 BUD 17002214

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
VYHS 0.55 218.6 Pg 07:17:30.641 0.0 T__ 15.1 ___ ML 1.0 6875789 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.55 218.6 Lg 07:17:38.545 -0.1 T__ ___ 6875790 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
KECS 0.87 119.9 Pg 07:17:36.616 -0.2 T__ 162.2 ___ ML 2.2 6875791 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.87 119.9 Lg 07:17:49.729 0.1 T__ ___ 6875786 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
JOS 0.90 118.0 Pg 07:17:37.114 -0.1 T__ 33.8 ___ ML 1.5 6875792 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.90 118.0 Lg 07:17:50.650 0.2 T__ ___ 6875787 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 1.07 160.0 Pn 07:17:41.716 0.7 T__ 29.1 ___ ML 1.6 6875785 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.07 160.0 Lg 07:17:57.716 0.1 T__ ___ 6875793 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 1.12 135.3 Pn 07:17:41.844 0.2 T__ 23.0 ___ ML 1.5 6875795 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.12 135.3 Lg 07:17:57.716 -0.4 T__ ___ 6875794 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 1.40 115.9 Sn 07:18:06.839 1.2 T__ ___ 6875788 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/20 09:20:31.12 0.97 0.99 46.0554 22.8271 8.0 4.1 81 0.0f 10 7 93 0.18 0.95 sx BUD 17002216 BUD 138

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 17002216

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
DEV 0.18 162.8 Pg 09:20:34.861 0.3 T__ 848.9 ___ ML 1.7 6875826 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.18 162.8 Lg 09:20:37.794 0.7 T__ ___ 6875827 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
GZR 0.66 183.1 Pg 09:20:43.883 0.0 T__ 49.0 ___ ML 1.6 6875828 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.66 183.1 Lg 09:20:52.219 -1.0 T__ ___ 6875829 FDSN RO -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 0.74 353.8 Pg 09:20:46.590 0.5 T__ 40.6 ___ ML 1.5 6875831 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.74 353.8 Lg 09:20:57.242 -0.8 T__ ___ 6875830 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
SIRR 0.84 285.1 Lg 09:21:00.127 -0.3 T__ ___ 6875834 FDSN RO -- BUD iLoc HHN ??? _
CJR 0.85 38.8 Lg 09:20:59.871 -1.1 T__ ___ 6875833 FDSN RO -- BUD iLoc HHN ??? _
LOT 0.90 132.3 Lg 09:20:59.820 -1.6 T__ ___ 6875832 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.95 243.0 Lg 09:21:02.632 -0.5 T__ ___ 6875835 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/20 09:40:59.38 1.31 1.18 48.5308 20.8303 7.3 6.0 26 0.0f 11 8 130 0.20 1.21 sx BUD 17002218 BUD 208

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.2 3 BUD 17002218

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.20 259.8 Pg 09:41:04.455 0.9 T__ 353.7 ___ ML 1.4 6875862 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 259.8 Lg 09:41:06.404 -0.4 T__ ___ 6875864 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.23 258.4 Pg 09:41:05.045 0.8 T__ 1245.4 ___ ML 2.0 6875863 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.23 258.4 Lg 09:41:07.515 -0.5 T__ ___ 6875865 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ABAH 0.36 130.6 Lg 09:41:12.778 -0.4 T__ ___ 6875866 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.46 206.6 Lg 09:41:15.981 -0.5 T__ ___ 6875867 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.88 225.9 Pn 09:41:17.380 -0.6 T__ 35.2 ___ ML 1.5 6875869 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.88 225.9 Lg 09:41:29.421 -1.6 T__ ___ 6875868 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
NIE 0.95 338.7 Lg 09:41:29.346 -1.6 T__ ___ 6875870 FDSN PL -- BUD iLoc BHN ??? _
HU03A 1.03 233.1 Lg 09:41:34.533 -1.4 T__ ___ 6875871 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 1.21 108.7 Sn 09:41:39.913 -1.1 T__ ___ 6875872 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/20 10:08:40.32 1.14 0.33 48.4445 20.4114 14.2 5.2 135 0.0f 7 4 198 0.06 0.63 sx BUD 17002220 BUD 307

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.2 3 BUD 17002220

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.06 51.9 Pg 10:08:42.151 0.3 T__ 638.2 ___ ML 1.3 6875923 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.06 51.9 Lg 10:08:42.758 -0.5 T__ ___ 6875928 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
JOS 0.10 58.9 Pg 10:08:42.706 0.1 T__ 310.8 ___ ML 1.1 6875927 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.10 58.9 Lg 10:08:44.139 -0.3 T__ ___ 6875926 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1

```

```

(Station ML: 1.1 magdef=1
ABAH 0.57 104.7 Lg 10:09:01.434 -0.1 T__
PSZ 0.63 213.5 Pg 10:08:53.707 -0.1 T__ 38.2 --- ML 1.4 6875924 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.63 213.5 Lg 10:09:03.703 0.1 T__ --- 6875922 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/20 10:12:54.99 3.43 1.56 46.0457 22.8161 23.4 9.8 10 0.0f 6 4 248 0.17 0.94 sx BUD 17002222 BUD 309

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.17 159.4 Pg 10:12:58.602 0.3 T__ 1888.3 --- ML 2.1 6875970 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.17 159.4 Lg 10:13:00.300 -0.4 T__ --- 6875971 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
GZR 0.65 182.4 Pg 10:13:08.327 0.8 T__ 33.4 --- ML 1.4 6875972 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.65 182.4 Lg 10:13:16.512 -0.3 T__ --- 6875973 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
LOT 0.90 131.5 Lg 10:13:23.228 -2.1 T__ --- 6875974 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.94 243.3 Lg 10:13:25.235 -1.4 T__ --- 6875975 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/20 10:49:19.14 1.20 1.04 48.8072 21.2221 8.0 5.3 174 0.0f 12 8 123 0.51 1.26 sx BUD 17002224 BUD 202

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 4 BUD 17002224

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.51 178.7 Lg 10:49:37.138 -1.0 T__ --- 6876009 FDSN HU -- BUD iLoc HHN ??? _
JOS 0.55 235.7 Pg 10:49:30.359 0.2 T__ 115.7 --- ML 1.9 6876003 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.55 235.7 Lg 10:49:38.117 -0.3 T__ --- 6876006 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.59 236.7 Pg 10:49:31.538 0.7 T__ 186.3 --- ML 2.1 6876004 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.59 236.7 Lg 10:49:39.218 -0.5 T__ --- 6876007 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOLS 0.71 79.3 Lg 10:49:42.685 -1.4 T__ --- 6876008 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.83 214.4 Pn 10:49:38.171 1.1 T__ 67.9 --- ML 1.8 6876005 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.83 214.4 Lg 10:49:47.588 -1.4 T__ --- 6876011 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.86 315.6 Lg 10:49:46.821 -0.8 T__ --- 6876010 FDSN PL -- BUD iLoc BHN ??? _
TRPA 1.11 127.2 Pg 10:49:41.336 0.8 T__ 39.0 --- ML 1.7 6876013 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.11 127.2 Lg 10:49:56.464 -1.0 T__ --- 6876012 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
|--|-------------|-------|-------|--------------|-----------|------|-------|------|-------|-----|------|-------|------|-------|-----------|---------|----------|--------|-----|-------|------|------|-----|-----|---|
| 2021/08/20 | 11:36:30.25 | 0.92 | 0.61 | 47.6003 | 16.3803 | 4.7 | 3.6 | 4 | 0.0f | 15 | 12 | 72 | 0.11 | 1.85 | sx | BUD | 17002226 | BUD | | | | 118 | | | |
| Magnitude Err Nsta Author OrigID ML 1.3 0.0 3 BUD 17002226 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| RONA | 0.11 | 330.3 | Pg | 11:36:33.035 | 0.1 | | | | | T__ | | 481.0 | | _c_ | ML | 1.3 | 6876153 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 330.3 | Lg | 11:36:34.733 | -0.2 | | | | | T__ | | | | --- | | 6876155 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.15 | 55.3 | Pg | 11:36:34.013 | 0.5 | | | | | T__ | | 179.3 | | --- | ML | 1.0 | 6876152 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.15 | 55.3 | Lg | 11:36:36.328 | 0.3 | | | | | T__ | | | | --- | | 6876156 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.34 | 236.3 | Lg | 11:36:41.015 | -0.6 | | | | | T__ | | | | --- | | 6876157 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| CONA | 0.48 | 313.4 | Pg | 11:36:40.435 | 0.6 | | | | | T__ | | 43.8 | | --- | ML | 1.3 | 6876158 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.48 | 313.4 | Lg | 11:36:45.992 | -0.3 | | | | | T__ | | | | --- | | 6876154 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.67 | 105.5 | Lg | 11:36:53.596 | -0.5 | | | | | T__ | | | | --- | | 6876160 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.68 | 239.3 | Lg | 11:36:51.806 | -0.1 | | | | | T__ | | | | --- | | 6876159 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.90 | 118.2 | Lg | 11:37:00.683 | -0.8 | | | | | T__ | | | | --- | | 6876161 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.98 | 37.6 | Lg | 11:37:04.179 | -1.1 | | | | | T__ | | | | --- | | 6876162 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KOGS | 1.16 | 184.5 | Lg | 11:37:07.705 | 0.1 | | | | | T__ | | | | --- | | 6876163 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| KRUC | 1.46 | 0.4 | Sn | 11:37:17.787 | 0.6 | | | | | T__ | | | | --- | | 6876164 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 1.53 | 33.9 | Sn | 11:37:20.182 | 0.3 | | | | | T__ | | | | --- | | 6876165 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| CKRC | 1.85 | 312.2 | Sn | 11:37:27.789 | 0.8 | | | | | T__ | | | | --- | | 6876166 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp 2021/08/20 21:59:33.70 0.88 0.62 47.7571 16.1571 5.6 3.3 36 9.0f 14 10 79 0.11 1.32 ke BUD 17002228 BUD 99 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Magnitude Err Nsta Author OrigID ML 1.0 0.4 6 BUD 17002228 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| RONA | 0.11 | 121.4 | Pg | 21:59:36.812 | 0.1 | | | | | T__ | | 37.6 | | _d_ | ML | 0.2 | 6876444 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 121.4 | Lg | 21:59:38.285 | -0.5 | | | | | T__ | | | | --- | | 6876445 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 310.8 | Pg | 21:59:39.718 | 0.4 | | | | | T__ | | 20.5 | | --- | ML | 0.3 | 6876447 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 310.8 | Lg | 21:59:42.910 | -0.3 | | | | | T__ | | | | --- | | 6876446 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 105.1 | Lg | 21:59:44.057 | 0.4 | | | | | T__ | | | | --- | | 6876457 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A011B | 0.37 | 201.1 | Pg | 21:59:41.646 | 0.3 | | | | | T__ | | 29.5 | | --- | ML | 0.8 | 6876448 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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A013A 0.59 301.5 Lg      21:59:53.606  0.6      T__
ARSA  0.66 220.5 Pg      21:59:46.571 -0.1      T__
      (Reading ML: 1.2 magdef=1
      (Station ML: 1.2 magdef=1
A008A 0.70 331.2 Pg      21:59:47.118 -0.1      T__
A008A 0.70 331.2 Lg      21:59:56.134 -0.7      T__
      (Reading ML: 1.4 magdef=1
      (Station ML: 1.4 magdef=1
A019A 0.79 247.1 Lg      21:59:58.687 -0.7      T__
MODS  0.97  50.2 Sn      22:00:05.931 -1.4      T__
KRUC  1.32  6.8 Pn      21:59:57.645 -0.0      T__
KRUC  1.32  6.8 Sn      22:00:14.738 -0.5      T__
      (Reading ML: 1.4 magdef=1
      (Station ML: 1.4 magdef=0

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/08/21 15:49:57.31  1.21  0.41  47.7749  16.1701  9.2  4.1  32  7.4  13.4  8  5 102  0.11  1.30  ke BUD      17002234  BUD      175

```

```

Magnitude Err Nsta Author      OrigID
ML      0.4 0.2  4 BUD      17002234

```

```

Sta  Dist EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
RONA 0.11 131.4 Pg      15:50:00.229  0.0      T__
RONA 0.11 131.4 Lg      15:50:02.053 -0.2      T__
      (Reading ML: 0.2 magdef=1
      (Station ML: 0.2 magdef=1
CONA 0.26 306.6 Pg      15:50:02.653 -0.2      T__
CONA 0.26 306.6 Lg      15:50:06.952  0.4      T__
      (Reading ML: 0.4 magdef=1
      (Station ML: 0.4 magdef=1
SOP  0.28 109.1 Pg      15:50:03.151  0.0      T__
      (Reading ML: 0.4 magdef=1
      (Station ML: 0.4 magdef=1
ARSA 0.68 220.1 Lg      15:50:19.329  0.1      T__
KRUC 1.30  6.6 Pn      15:50:21.101 -0.1      T__
KRUC 1.30  6.6 Sn      15:50:38.038 -0.7      T__
      (Reading ML: 1.5 magdef=1
      (Station ML: 1.5 magdef=1

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/08/23 06:25:24.65  1.37  1.01  46.0987  22.8225  10.5  6.7  57  0.0f  8  6 140  0.22  0.97  sx BUD      17002238  BUD      211

```

```

Magnitude Err Nsta Author      OrigID

```

```

Sta  Dist EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
DEV  0.22 165.3 Pg      06:25:29.401  0.5      T__
DEV  0.22 165.3 Lg      06:25:31.408 -0.6      T__
      (Reading ML: 1.7 magdef=1
      (Station ML: 1.7 magdef=1
DRGR 0.70 353.7 Lg      06:25:49.474 -0.6      T__

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| GZR | 0.71 | 182.6 | Pg | 06:25:38.625 | 0.4 | T__ | 50.2 | ___ | ML | 1.6 | 6882600 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.71 | 182.6 | Lg | 06:25:47.579 | -0.6 | T__ | | --- | | | 6882599 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.83 | 282.2 | Lg | 06:25:52.954 | -0.6 | T__ | | --- | | | 6882603 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| LOT | 0.93 | 134.1 | Lg | 06:25:54.335 | -1.7 | T__ | | --- | | | 6882604 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| BZS | 0.97 | 240.7 | Lg | 06:25:56.646 | -0.6 | T__ | | --- | | | 6882605 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/23 | 07:08:50.80 | 1.40 | 0.50 | 46.0998 | 22.8226 | 11.4 | 6.8 | 63 | 0.0f | | 7 | 5 | 171 | 0.22 | 0.97 | sx | BUD | 17002240 | BUD | | | 243 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.22 | 165.4 | Pg | 07:08:55.209 | 0.2 | | | | | T__ | | 690.6 | | --- | ML | 1.8 | 6882625 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.22 | 165.4 | Lg | 07:08:57.757 | -0.5 | | | | | T__ | | | | --- | | 6882626 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.70 | 353.7 | Lg | 07:09:15.691 | -0.5 | | | | | T__ | | | | --- | | 6882631 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.71 | 182.6 | Pg | 07:09:04.652 | 0.3 | | | | | T__ | 61.3 | | | --- | ML | 1.7 | 6882627 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.71 | 182.6 | Lg | 07:09:14.325 | -0.0 | | | | | T__ | | | | --- | | 6882630 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.83 | 282.1 | Lg | 07:09:19.913 | 0.2 | | | | | T__ | | | | --- | | 6882629 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 0.97 | 240.6 | Lg | 07:09:22.760 | -0.6 | | | | | T__ | | | | --- | | 6882628 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|-----|
| 2021/08/23 | 07:27:48.64 | 1.29 | 1.06 | 48.0736 | 20.6902 | 8.4 | 4.3 | 170 | 0.0f | | 8 | 5 | 195 | 0.12 | 0.56 | kx | BUD | 17002242 | BUD | | | | 267 |
| 2021/08/23 | 07:27:48.62 | 0.95 | 0.87 | 48.0750 | 20.6990f | | | | 0.0f | | 8 | 5 | 195 | 0.13 | 0.56 | kx | BUD_GT | 17002243 | BUD_GT | | | | 268 |

(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.0 | 0.1 | 3 BUD_GT | 17002243 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.13 | 292.1 | Pg | 07:27:51.902 | 0.1 | | | | | T__ | | 179.6 | | --- | ML | 0.9 | 6882668 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.13 | 292.1 | Lg | 07:27:53.591 | -0.9 | | | | | T__ | | | | --- | | 6882669 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.42 | 58.4 | Pg | 07:27:58.110 | 0.7 | | | | | T__ | 36.7 | | | --- | ML | 1.0 | 6882670 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.42 | 58.4 | Lg | 07:28:03.096 | -1.7 | | | | | T__ | | | | --- | | 6882664 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.43 | 340.8 | Lg | 07:28:04.022 | -0.2 | | | | | T__ | | | | --- | | 6882665 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.43 | 345.9 | Pg | 07:27:58.156 | 0.7 | | | | | T__ | 28.1 | | | --- | ML | 1.0 | 6882667 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.43 | 345.9 | Lg | 07:28:03.713 | -0.5 | | | | | T__ | | | | --- | | 6882666 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.56 | 254.1 | Lg | 07:28:09.553 | -0.1 | | | | | T__ | | | | --- | | 6882671 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/23 | 07:31:26.02 | 3.20 | 2.34 | 46.1121 | 18.1017 | 29.0 | 4.1 | 121 | 0.0f | 5 | 3 | 157 | 0.02 | 1.13 | sx | BUD | 17002244 | BUD | | | | 265 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.02 | 183.0 | Pg | 07:31:27.292 | 0.2 | | | | | T__ | | 1164.1 | | _c | ML | 1.4 | 6882692 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.02 | 183.0 | Lg | 07:31:28.161 | -0.3 | | | | | T__ | | | | --- | | 6882693 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.39 | 74.5 | Pg | 07:31:34.624 | 0.3 | | | | | T__ | | 30.9 | | --- | ML | 0.9 | 6882695 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.39 | 74.5 | Lg | 07:31:40.105 | -0.6 | | | | | T__ | | | | --- | | 6882694 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.13 | 340.1 | Sn | 07:32:01.484 | -3.2 | | | | | T__ | | | | --- | | 6882696 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/08/23 | 09:01:46.75 | 1.92 | 1.06 | 47.8691 | 20.1490 | 17.3 | 3.8 | 161 | 0.0f | 9 | 6 | 216 | 0.18 | 0.85 | sx | BUD | 17002246 | BUD | | | | | 230 |

Magnitude Err Nsta Author OrigID
ML 1.2 0.1 3 BUD 17002246

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 286.1 | Pg | 09:01:51.868 | 0.7 | | | | | T__ | | 304.7 | | --- | ML | 1.3 | 6882733 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 286.1 | Lg | 09:01:53.875 | -0.9 | | | | | T__ | | | | --- | | 6882735 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.8 | Pg | 09:01:55.098 | 0.5 | | | | | T__ | | 55.3 | | --- | ML | 1.0 | 6882740 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.8 | Lg | 09:01:59.926 | -0.8 | | | | | T__ | | | | --- | | 6882741 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.37 | 275.6 | Lg | 09:01:59.569 | -1.2 | | | | | T__ | | | | --- | | 6882736 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.65 | 20.0 | Lg | 09:02:09.856 | -0.1 | | | | | T__ | | | | --- | | 6882737 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.68 | 22.5 | Pg | 09:02:00.993 | 0.6 | | | | | T__ | | 20.7 | | --- | ML | 1.2 | 6882734 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 22.5 | Lg | 09:02:10.101 | -0.7 | | | | | T__ | | | | --- | | 6882738 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.85 | 59.3 | Lg | 09:02:15.823 | -1.5 | | | | | T__ | | | | --- | | 6882739 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/08/23 | 10:49:01.58 | 0.90 | 0.80 | 47.3497 | 16.4097 | 5.2 | 3.6 | 38 | 0.0f | 14 | 9 | 78 | 0.21 | 1.71 | sx | BUD | 17002248 | BUD | | | | | 152 |

Magnitude Err Nsta Author OrigID
ML 1.4 0.3 4 BUD 17002248

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A260A | 0.21 | 108.1 | Pg | 10:49:05.947 | -0.4 | | | | | T__ | | 426.6 | | --- | ML | 1.5 | 6882808 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.21 | 108.1 | Lg | 10:49:09.383 | -0.4 | | | | | T__ | | | | --- | | 6882809 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
RONA 0.36 347.7 Pg 10:49:08.682 -0.3 T__ 57.9 --- ML 1.1 6882797 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.36 347.7 Lg 10:49:14.113 -0.0 T__ --- 6882810 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ARSA 0.61 261.0 Lg 10:49:20.588 -0.6 T__ --- 6882799 FDSN OE -- BUD iLoc HHN ??? _
EGYH 0.63 83.5 Lg 10:49:24.895 0.7 T__ --- 6882801 FDSN HU -- BUD iLoc HHN ??? _
CONA 0.69 327.6 Pg 10:49:15.696 0.4 T__ 24.6 --- ML 1.3 6882798 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.69 327.6 Lg 10:49:24.741 0.4 T__ --- 6882800 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A019A 0.90 276.6 Lg 10:49:30.452 -0.3 T__ --- 6882802 FDSN Z3 00 BUD iLoc HH2 ??? _
KOGS 0.91 187.0 Pg 10:49:19.646 0.2 T__ 129.1 --- ML 2.1 6882804 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.91 187.0 Lg 10:49:31.996 0.8 T__ --- 6882803 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MODS 1.18 29.4 Pn 10:49:25.821 1.1 T__ --- 6882806 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.18 29.4 Sn 10:49:41.567 -0.4 T__ --- 6882805 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.71 359.7 Sn 10:49:56.542 1.8 T__ --- 6882807 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/24 07:23:56.67 0.93 0.80 48.5397 17.4560 6.8 3.2 125 0.0f 9 7 122 0.20 1.23 sx BUD 17002254 BUD 190

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.20 215.6 Pg 07:24:01.749 0.4 T__ --- 6884157 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.20 215.6 Lg 07:24:03.994 -1.2 T__ --- 6884158 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.35 23.9 Pg 07:24:04.598 0.4 T__ 59.5 --- ML 1.0 6884156 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.35 23.9 Lg 07:24:09.397 -0.8 T__ --- 6884159 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
ZST 0.42 214.6 Lg 07:24:11.250 -0.9 T__ --- 6884160 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.87 307.1 Lg 07:24:25.915 -0.4 T__ --- 6884161 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 0.92 92.3 Lg 07:24:28.231 -0.3 T__ --- 6884162 FDSN SK -- BUD iLoc HHN ??? _
RONA 1.14 223.2 Lg 07:24:34.869 0.7 T__ --- 6884163 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.23 240.7 Lg 07:24:36.567 -0.2 T__ --- 6884164 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/24 08:08:01.39 1.33 0.65 48.4339 20.7843 46.8 5.8 20 0.0f 5 3 183 0.17 0.33 sx BUD 17002256 BUD 353

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.17 290.9 Pg 08:08:05.387 0.3 T__ 51.6 --- ML 0.5 6884180 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 290.9 Lg 08:08:07.446 -0.6 T__ --- 6884182 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
KECS 0.20 284.1 Pg 08:08:06.019 0.3 T__ 138.0 --- ML 1.0 6884181 FDSN SK -- BUD iLoc EHZ EHZ _

```


KECS 0.20 284.1 Lg 08:08:08.713 -0.4 T__ --- 6884183 FDSN SK -- BUD iLoc EHN ??? _
 (Reading ML: 1.0 magdef=1
 (Station ML: 1.0 magdef=1
 ABAH 0.33 114.2 Lg 08:08:13.940 -0.4 T__ --- 6884184 FDSN HU -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/24 | 08:21:01.66 | 1.32 | 1.15 | 47.8163 | 19.1439 | 10.6 | 4.7 | 1 | 0.0f | 9 | 6 | 210 | 0.09 | 1.16 | sx | BUD | 17002258 | BUD | | | | 264 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.3 | 3 BUD | 17002258 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.09 | 289.0 | Pg | 08:21:04.437 | 0.5 | | | | | T__ | | 466.6 | | --- | ML | 1.2 | 6884207 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.09 | 289.0 | Lg | 08:21:05.058 | -1.0 | | | | | T__ | | | | --- | | 6884210 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.32 | 73.9 | Lg | 08:21:13.548 | -0.3 | | | | | T__ | | | | --- | | 6884211 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.52 | 78.3 | Lg | 08:21:20.032 | -1.2 | | | | | T__ | | | | --- | | 6884212 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.71 | 343.2 | Pg | 08:21:17.096 | 0.9 | | | | | T__ | | 10.9 | | --- | ML | 0.9 | 6884208 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.71 | 343.2 | Lg | 08:21:25.590 | -1.1 | | | | | T__ | | | | --- | | 6884213 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.12 | 52.9 | Sn | 08:21:39.792 | -1.0 | | | | | T__ | | | | --- | | 6884214 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 1.16 | 53.4 | Pn | 08:21:25.046 | 1.0 | | | | | T__ | | 18.5 | | --- | ML | 1.4 | 6884209 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.16 | 53.4 | Sn | 08:21:40.564 | -1.0 | | | | | T__ | | | | --- | | 6884215 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/08/24 | 08:52:14.45 | 1.52 | 0.81 | 47.2220 | 18.2141 | 16.6 | 6.2 | 77 | 0.0f | 7 | 5 | 176 | 0.08 | 1.05 | sx | BUD | 17002260 | BUD | | | | | 327 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.08 | 358.4 | Pg | 08:52:17.077 | 0.3 | | | | | T__ | | 579.6 | | --- | ML | 1.3 | 6884237 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.08 | 358.4 | Lg | 08:52:18.223 | -0.8 | | | | | T__ | | | | --- | | 6884238 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.14 | 12.6 | Pg | 08:52:18.570 | 0.6 | | | | | T__ | | 314.1 | | --- | ML | 1.2 | 6884240 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.14 | 12.6 | Lg | 08:52:20.690 | -0.6 | | | | | T__ | | | | --- | | 6884239 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.17 | 339.6 | Lg | 08:52:21.871 | -0.2 | | | | | T__ | | | | --- | | 6884242 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.17 | 10.1 | Lg | 08:52:21.697 | -0.6 | | | | | T__ | | | | --- | | 6884241 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.05 | 163.5 | Lg | 08:52:49.769 | -0.9 | | | | | T__ | | | | --- | | 6884243 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/08/24 | 09:08:09.46 | 0.99 | 1.66 | 47.8854 | 20.0849 | 5.2 | 4.2 | 150 | 0.0f | 15 | 12 | 94 | 0.13 | 2.25 | sx | BUD | 17002262 | BUD | | | | | 148 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.8 | 0.3 | 3 BUD | 17002262 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.13 | 284.5 | Pg | 09:08:13.747 | 0.8 | | | | | T__ | | 2368.3 | | _c_ | ML | 2.0 | 6884296 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.13 | 284.5 | Lg | 09:08:14.827 | -1.0 | | | | | T__ | | | | --- | | 6884297 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.27 | 155.7 | Lg | 09:08:20.037 | -0.3 | | | | | T__ | | | | --- | | 6884301 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU03A | 0.33 | 273.4 | Lg | 09:08:21.290 | -0.6 | | | | | T__ | | | | --- | | 6884298 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU01A | 0.63 | 210.3 | Lg | 09:08:31.203 | -1.5 | | | | | T__ | | | | --- | | 6884302 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.66 | 24.0 | Lg | 09:08:32.230 | -0.4 | | | | | T__ | | | | --- | | 6884303 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.68 | 26.3 | Pg | 09:08:23.541 | 0.4 | | | | | T__ | | 93.3 | | --- | ML | 1.8 | 6884299 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 26.3 | Lg | 09:08:33.035 | -0.5 | | | | | T__ | | | | --- | | 6884304 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.88 | 61.6 | Lg | 09:08:39.639 | -1.4 | | | | | T__ | | | | --- | | 6884305 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.03 | 306.6 | Pn | 09:08:30.038 | -0.2 | | | | | T__ | | 20.8 | | --- | ML | 1.4 | 6884300 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.03 | 306.6 | Lg | 09:08:44.318 | -1.1 | | | | | T__ | | | | --- | | 6884306 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.54 | 5.2 | Sn | 09:08:59.326 | 0.0 | | | | | T__ | | | | --- | | 6884307 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| MORH | 1.94 | 211.1 | Sn | 09:09:11.401 | 3.7 | | | | | T__ | | | | --- | | 6884310 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.94 | 285.6 | Sn | 09:09:10.828 | 1.6 | | | | | T__ | | | | --- | | 6884308 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 2.25 | 217.8 | Sn | 09:09:18.393 | 2.9 | | | | | T__ | | | | --- | | 6884309 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/24 | 10:00:17.27 | 0.96 | 0.89 | 48.1607 | 16.9281 | 11.0 | 4.1 | 142 | 0.0f | | 9 | 6 | 149 | 0.12 | 1.32 | sx | BUD | 17002264 | BUD | | | 175 |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZST | 0.12 | 73.0 | Pg | 10:00:20.757 | 0.4 | | | | | T__ | | | | --- | | 6884336 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.12 | 73.0 | Lg | 10:00:22.571 | -0.4 | | | | | T__ | | | | --- | | 6884335 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.32 | 47.5 | Pg | 10:00:24.622 | 0.5 | | | | | T__ | | | | --- | | 6884334 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.32 | 47.5 | Lg | 10:00:28.597 | -1.1 | | | | | T__ | | | | --- | | 6884337 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.63 | 222.9 | Lg | 10:00:37.346 | -0.9 | | | | | T__ | | | | --- | | 6884338 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 0.75 | 252.4 | Lg | 10:00:41.636 | -0.4 | | | | | T__ | | | | --- | | 6884339 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.86 | 35.0 | Pg | 10:00:35.684 | 0.9 | | | | | T__ | | 34.2 | | --- | ML | 1.5 | 6884341 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.86 | 35.0 | Lg | 10:00:46.953 | -1.1 | | | | | T__ | | | | --- | | 6884340 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.32 | 226.7 | Lg | 10:00:59.040 | -0.1 | | | | | T__ | | | | --- | | 6884342 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/24 | 14:00:37.36 | 1.19 | 0.68 | 47.8659 | 16.0515 | 13.8 | 3.9 | 38 | 0.0f | | 5 | 3 | 199 | 0.14 | 0.46 | sx | BUD | 17002266 | BUD | | | 307 |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| CONA | 0.14 | 296.1 | Pg | 14:00:40.675 | 0.2 | T__ | 158.6 | ___ | ML | 0.9 | 6884372 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.14 | 296.1 | Lg | 14:00:42.243 | -0.4 | T__ | | --- | | | 6884374 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| RONA | 0.23 | 135.1 | Pg | 14:00:42.682 | 0.4 | T__ | 51.5 | ___ | ML | 0.7 | 6884373 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.23 | 135.1 | Lg | 14:00:45.038 | -0.7 | T__ | | --- | | | 6884375 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A011B | 0.46 | 187.8 | Lg | 14:00:52.252 | -0.2 | T__ | | --- | | | 6884376 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/24 | 16:17:34.70 | 1.17 | 0.68 | 47.5742 | 16.3799 | 7.1 | 3.8 | 128 | 0.0f | | 11 | 9 | 192 | 0.14 | 1.49 | sx | BUD | 17002270 | BUD | | | 203 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.14 | 335.8 | Pg | 16:17:37.987 | 0.2 | | | | | T__ | | 188.0 | | _c_ | ML | 1.0 | 6884596 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.14 | 335.8 | Lg | 16:17:39.646 | -0.5 | | | | | T__ | | | | --- | | 6884595 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.16 | 47.8 | Lg | 16:17:41.874 | 0.9 | | | | | T__ | | | | --- | | 6884598 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A011B | 0.33 | 240.0 | Pg | 16:17:41.317 | 0.0 | | | | | T__ | 34.1 | | | --- | ML | 0.8 | 6884600 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.33 | 240.0 | Lg | 16:17:45.022 | -0.6 | | | | | T__ | | | | --- | | 6884599 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.50 | 315.6 | Lg | 16:17:51.185 | -0.2 | | | | | T__ | | | | --- | | 6884601 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.67 | 241.2 | Lg | 16:17:56.241 | 0.2 | | | | | T__ | | | | --- | | 6884597 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A013A | 0.82 | 307.1 | Lg | 16:18:01.645 | 0.5 | | | | | T__ | | | | --- | | 6884602 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A018A | 0.90 | 281.4 | Lg | 16:18:03.614 | 0.3 | | | | | T__ | | | | --- | | 6884603 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.00 | 36.7 | Lg | 16:18:09.262 | -1.2 | | | | | T__ | | | | --- | | 6884604 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.49 | 0.4 | Sn | 16:18:22.948 | 0.6 | | | | | T__ | | | | --- | | 6884605 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/25 | 06:09:44.50 | 1.65 | 1.66 | 48.2048 | 21.2279 | 12.6 | 4.6 | 136 | 0.0f | | 10 | 6 | 108 | 0.09 | 1.74 | sx | BUD | 17002272 | BUD | | | 209 |

Magnitude Err Nsta Author OrigID
ML 1.6 0.3 5 BUD 17002272

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.09 | 4.9 | Pg | 06:09:47.212 | 0.3 | | | | | T__ | | 670.9 | | --- | ML | 1.4 | 6885223 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.09 | 4.9 | Lg | 06:09:48.362 | -0.8 | | | | | T__ | | | | --- | | 6885232 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.48 | 260.3 | Pg | 06:09:55.136 | 0.5 | | | | | T__ | 38.8 | | | --- | ML | 1.2 | 6885229 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.48 | 260.3 | Lg | 06:10:00.239 | -2.2 | | | | | T__ | | | | --- | | 6885230 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.54 | 302.6 | Pg | 06:09:56.671 | 1.2 | | | | | T__ | 60.6 | | | --- | ML | 1.6 | 6885231 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.54 | 302.6 | Lg | 06:10:03.113 | -0.7 | | | | | T__ | | | | --- | | 6885224 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.6 magdef=1
PSZ 0.94 252.7 Pn 06:10:04.113 0.1 T__ 54.3 --- ML 1.8 6885227 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.94 252.7 Lg 06:10:17.080 -1.3 T__ --- 6885226 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOLS 1.01 43.2 Lg 06:10:17.698 -2.3 T__ --- 6885228 FDSN SK -- BUD iLoc HHN ??? _
DRGR 1.74 144.0 Pn 06:10:17.161 2.1 T__ 28.1 --- ML 1.9 6885225 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 07:22:49.94 1.57 1.09 48.2290 21.2691 9.7 5.8 125 0.0f 8 5 112 0.07 1.74 sx BUD 17002274 BUD 162

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.1 3 BUD 17002274

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.07 343.7 Pg 07:22:52.349 0.4 T__ 388.0 --- ML 1.1 6885581 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.07 343.7 Lg 07:22:53.212 -0.6 T__ --- 6885582 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.51 258.2 Pg 07:23:00.855 0.1 T__ 25.5 --- ML 1.1 6885587 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.51 258.2 Lg 07:23:09.349 0.4 T__ --- 6885586 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.56 299.0 Pg 07:23:01.454 0.4 T__ 47.5 --- ML 1.5 6885588 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.56 299.0 Lg 07:23:08.341 -1.3 T__ --- 6885583 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
TRPA 0.86 96.2 Lg 07:23:19.456 -1.4 T__ --- 6885584 FDSN HU -- BUD iLoc HHN ??? _
DRGR 1.74 145.3 Sn 07:23:45.699 1.2 T__ --- 6885585 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 07:55:16.75 0.86 0.92 48.7079 18.1762 4.9 3.1 38 0.0f 14 8 94 0.37 1.58 sx BUD 17002276 BUD 147

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.3 6 BUD 17002276

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JAVC 0.37 294.5 Pg 07:55:25.150 0.5 T__ 81.7 --- ML 1.2 6885623 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.37 294.5 Lg 07:55:30.046 -0.7 T__ --- 6885628 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A331A 0.44 3.8 Pg 07:55:25.946 0.4 T__ 107.5 --- ML 1.6 6885627 FDSN Z3 00 BUD iLoc HHZ HHZ _
A331A 0.44 3.8 Lg 07:55:30.534 -1.3 T__ --- 6885629 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.49 115.8 Pg 07:55:27.272 0.6 T__ 21.0 --- ML 1.0 6885622 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.49 115.8 Lg 07:55:33.951 -0.0 T__ --- 6885630 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1

```

```

(Station ML: 1.0 magdef=0
MODS 0.68 241.1 Lg 07:55:40.979 -0.5 T__
HU10A 1.03 146.6 Pn 07:55:37.976 0.4 T__ 84.6 --- ML 2.0 6885625 FDSN SK -- BUD iLoc HHN ??? _
HU10A 1.03 146.6 Lg 07:55:51.947 -1.9 T__ --- 6885626 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MORC 1.15 339.0 Pg 07:55:38.574 0.5 T__ 48.4 --- ML 1.8 6885624 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.15 339.0 Lg 07:55:54.159 0.0 T__ --- 6885632 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VRAC 1.20 300.6 Lg 07:55:56.404 -0.6 T__
JOS 1.58 96.8 Pn 07:55:46.544 1.3 T__ 47.7 --- ML 2.1 6885635 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.58 96.8 Sn 07:56:07.240 -0.6 T__ --- 6885634 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 08:07:57.26 1.09 1.65 48.5516 20.8198 7.9 4.0 10 0.0f 8 6 92 0.19 1.32 sx BUD 17002278 BUD 159

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.19 253.4 Pg 08:08:02.132 0.8 T__ 157.3 --- ML 1.0 6885664 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.19 253.4 Lg 08:08:04.062 -0.5 T__ --- 6885665 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
ABAH 0.38 132.3 Pg 08:08:05.872 0.8 T__ 57.4 --- ML 1.1 6885667 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.38 132.3 Lg 08:08:10.735 -1.0 T__ --- 6885666 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.89 224.7 Lg 08:08:27.244 -2.0 T__ --- 6885668 FDSN GE -- BUD iLoc HHN ??? _
NIE 0.93 338.6 Lg 08:08:27.112 -1.0 T__ --- 6885669 FDSN PL -- BUD iLoc BHN ??? _
KOLS 1.04 67.8 Lg 08:08:31.513 -1.6 T__ --- 6885670 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.32 268.2 Sn 08:08:39.893 -1.9 T__ --- 6885671 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 09:41:48.48 1.15 1.20 47.8814 16.4989 8.2 5.0 121 0.0f 6 4 170 0.23 1.18 sx BUD 17002280 BUD 230

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.23 217.0 Pg 09:41:53.556 0.3 T__ 34.3 --- ML 0.5 6885704 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.23 217.0 Lg 09:41:55.961 -0.7 T__ --- 6885703 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
CONA 0.43 276.5 Pg 09:41:57.941 0.8 T__ 39.7 --- ML 1.1 6885702 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.43 276.5 Lg 09:42:02.573 -0.4 T__ --- 6885705 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MODS 0.72 46.3 Lg 09:42:14.637 0.1 T__ --- 6885706 FDSN SK -- BUD iLoc HHN ??? _

```

KRUC 1.18 356.7 Lg 09:42:26.925 -1.7 T__ --- 6885707 FDSN CZ -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 09:53:38.05 0.95 1.51 48.5059 17.4808 6.4 3.3 129 0.0f 9 6 134 0.19 1.23 sx BUD 17002282 BUD 205

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MODS 0.19 225.7 Pg 09:53:42.830 0.4 T__ --- 6885748 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.19 225.7 Lg 09:53:44.373 -1.7 T__ --- 6885747 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.38 19.5 Pg 09:53:45.994 -0.1 T__ 77.7 --- ML 1.2 6885749 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.38 19.5 Lg 09:53:50.548 -1.9 T__ --- 6885750 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
VYHS 0.90 90.3 Lg 09:54:10.553 1.2 T__ --- 6885746 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.91 308.2 Pg 09:53:57.029 1.6 T__ 37.9 --- ML 1.6 6885751 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.91 308.2 Lg 09:54:08.838 -0.0 T__ --- 6885752 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
RONA 1.13 225.0 Lg 09:54:13.503 -1.7 T__ --- 6885745 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.23 242.5 Lg 09:54:18.781 0.7 T__ --- 6885753 FDSN OE -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 10:39:53.84 1.43 1.47 48.4188 20.7568 70.7 5.9 22 0.0f 5 4 172 0.16 1.28 sx BUD 17002286 BUD 335

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.16 298.1 Pg 10:39:57.443 0.1 T__ 125.4 --- ML 0.9 6886355 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.16 298.1 Lg 10:39:59.913 -0.2 T__ --- 6886356 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
KECS 0.19 289.8 Lg 10:40:01.199 0.1 T__ --- 6886357 FDSN SK -- BUD iLoc EHN ??? _
ABAH 0.34 110.7 Lg 10:40:07.109 -0.1 T__ --- 6886358 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.28 274.1 Sn 10:40:35.226 -2.1 T__ --- 6886359 FDSN SK -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 11:43:26.41 0.96 0.94 47.8887 16.4459 6.6 3.7 127 0.0f 10 6 159 0.21 1.70 sx BUD 17002288 BUD 209

Magnitude Err Nsta Author OrigID
ML 1.0 0.6 3 BUD 17002288

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.21 208.1 Pg 11:43:30.718 -0.3 T__ 43.9 --- ML 0.5 6886422 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.21 208.1 Lg 11:43:34.438 0.3 T__ --- 6886428 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
CONA 0.40 276.0 Pg 11:43:34.503 0.1 T__ 37.0 --- ML 1.0 6886421 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.40 276.0 Lg 11:43:39.983 0.2 T__ --- 6886424 FDSN OE -- BUD iLoc HHN ??? _

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MODS 0.74 48.6 Pg 11:43:42.882 1.3 T__ --- 6886429 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.74 48.6 Lg 11:43:51.436 -1.8 T__ --- 6886425 FDSN SK -- BUD iLoc HHN ??? _
ARSA 0.89 224.7 Lg 11:43:55.271 0.4 T__ --- 6886426 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.17 358.4 Pg 11:43:48.610 -0.3 T__ 37.2 --- ML 1.7 6886430 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.17 358.4 Lg 11:44:05.743 -0.5 T__ --- 6886427 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CKRC 1.70 304.0 Sn 11:44:18.767 -0.8 T__ --- 6886423 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 13:58:54.16 1.03 0.70 47.5968 16.3731 5.3 5.1 5 0.0f 11 9 74 0.12 1.71 sx BUD 17002290 BUD 128

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 333.3 Pg 13:58:57.058 0.2 T__ 1249.7 _c_ ML 1.7 6886458 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 333.3 Lg 13:58:58.679 -0.2 T__ --- 6886461 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
SOP 0.15 55.3 Lg 13:59:01.149 1.0 T__ --- 6886459 FDSN HU -- BUD iLoc HHN ??? _
CONA 0.48 314.1 Pg 13:59:04.005 0.2 T__ 68.8 --- ML 1.5 6886457 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.48 314.1 Lg 13:59:09.948 -0.3 T__ --- 6886462 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ARSA 0.67 239.3 Lg 13:59:15.351 -0.3 T__ --- 6886463 FDSN OE -- BUD iLoc HHN ??? _
MPLH 0.90 117.9 Lg 13:59:24.845 -0.7 T__ --- 6886464 FDSN HU -- BUD iLoc HHN ??? _
MODS 0.99 37.7 Lg 13:59:28.164 -1.3 T__ --- 6886465 FDSN SK -- BUD iLoc HHN ??? _
KOGS 1.15 184.2 Lg 13:59:31.483 0.1 T__ --- 6886460 FDSN SL -- BUD iLoc BHN ??? _
KRUC 1.47 0.6 Sn 13:59:41.903 0.7 T__ --- 6886466 FDSN CZ -- BUD iLoc HHN ??? _
PTJ 1.71 189.5 Sn 13:59:47.847 0.2 T__ --- 6886467 FDSN CR -- BUD iLoc BHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/26 07:10:54.92 1.16 0.92 46.0558 22.8417 8.1 6.1 79 0.0f 9 7 94 0.18 0.96 sx BUD 17002292 BUD 139

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Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.18 166.0 Pg 07:10:58.906 0.6 T__ 666.2 --- ML 1.6 6890030 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.18 166.0 Lg 07:10:59.948 -0.9 T__ --- 6890031 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
GZR 0.66 184.0 Pg 07:11:08.151 0.5 T__ 67.2 --- ML 1.7 6890038 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.66 184.0 Lg 07:11:16.407 -0.7 T__ --- 6890032 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.74 353.0 Lg 07:11:21.026 -0.8 T__ --- 6890033 FDSN RO -- BUD iLoc HHN ??? _
CJR 0.84 38.3 Lg 07:11:24.035 -0.5 T__ --- 6890035 FDSN RO -- BUD iLoc HHN ??? _
SIRR 0.85 284.9 Lg 07:11:24.365 -0.1 T__ --- 6890036 FDSN RO -- BUD iLoc HHN ??? _

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| | | | | | | | | | | | | | | | | |
|-----|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| LOT | 0.89 | 132.8 | Lg | 07:11:23.820 | -1.2 | T__ | --- | 6890034 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| BZS | 0.96 | 243.3 | Lg | 07:11:26.323 | -0.9 | T__ | --- | 6890037 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/26 | 07:30:11.42 | 1.14 | 0.66 | 47.9747 | 16.6490 | 9.0 | 4.7 | 121 | 0.0f | 8 | 7 | 145 | 0.30 | 1.12 | sx | BUD | 17002294 | BUD | | | | 174 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SOP | 0.30 | 191.9 | Lg | 07:30:21.885 | -0.1 | | | | | T__ | | | | | | 6890079 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.36 | 220.9 | Pg | 07:30:19.092 | 0.2 | | | | | T__ | 40.8 | | | --- | ML | 0.9 | 6890077 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.36 | 220.9 | Lg | 07:30:23.260 | -0.7 | | | | | T__ | | | | --- | | 6890078 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.53 | 265.3 | Lg | 07:30:28.872 | -0.3 | | | | | T__ | | | | --- | | 6890080 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.58 | 46.3 | Lg | 07:30:32.588 | -0.2 | | | | | T__ | | | | --- | | 6890081 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 1.05 | 226.8 | Lg | 07:30:45.340 | 0.4 | | | | | T__ | | | | --- | | 6890082 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.10 | 351.3 | Lg | 07:30:48.916 | 0.1 | | | | | T__ | | | | --- | | 6890083 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 1.12 | 37.2 | Sn | 07:30:50.045 | -1.2 | | | | | T__ | | | | --- | | 6890084 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/08/26 | 08:09:55.74 | 0.86 | 0.44 | 48.7962 | 16.2257 | 9.3 | 3.3 | 117 | 0.0f | 18 | 10 | 91 | 0.29 | 1.62 | sx | BUD | 17002296 | BUD | | | | | 136 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 9 BUD | 17002296 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KRUC | 0.29 | 22.7 | Pg | 08:10:01.804 | 0.4 | | | | | T__ | | 130.6 | | --- | ML | 1.2 | 6890143 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.29 | 22.7 | Lg | 08:10:05.413 | -0.4 | | | | | T__ | | | | --- | | 6890141 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 0.57 | 25.1 | Pg | 08:10:06.770 | 0.2 | | | | | T__ | | 14.0 | | --- | ML | 1.0 | 6890150 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 0.57 | 25.1 | Lg | 08:10:14.308 | -0.7 | | | | | T__ | | | | --- | | 6890144 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.57 | 221.9 | Pg | 08:10:07.064 | 0.3 | | | | | T__ | | 61.4 | | --- | ML | 1.6 | 6890148 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.57 | 221.9 | Lg | 08:10:14.476 | -0.1 | | | | | T__ | | | | --- | | 6890149 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.90 | 195.7 | Pg | 08:10:13.440 | -0.1 | | | | | T__ | | 28.2 | | --- | ML | 1.5 | 6890138 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.90 | 195.7 | Lg | 08:10:25.250 | -0.1 | | | | | T__ | | | | --- | | 6890139 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.96 | 85.7 | Pn | 08:10:16.685 | 0.6 | | | | | T__ | | 43.1 | | --- | ML | 1.7 | 6890151 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.10 | 177.5 | Pg | 08:10:17.078 | -0.4 | | | | | T__ | | 23.6 | | --- | ML | 1.5 | 6890152 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.10 | 177.5 | Lg | 08:10:31.734 | -0.0 | | | | | T__ | | | | --- | | 6890140 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|------|----------------------------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| CKRC | 1.27 | 271.8 | Pn | 08:10:20.023 | -0.3 | T__ | 88.7 | ___ | ML | 2.2 | 6890153 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.27 | 271.8 | Lg | 08:10:36.442 | -0.5 | T__ | | --- | | | 6890142 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | |
| MORC | 1.31 | 40.8 | Pg | 08:10:20.514 | 0.5 | T__ | 35.8 | ___ | ML | 1.8 | 6890154 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.31 | 40.8 | Lg | 08:10:37.773 | -0.4 | T__ | | --- | | | 6890145 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| ARSA | 1.62 | 197.2 | Sn | 08:10:46.418 | -0.2 | T__ | | --- | | | 6890146 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| PRU | 1.62 | 318.0 | Pn | 08:10:25.226 | -0.0 | T__ | 31.5 | ___ | ML | 1.9 | 6890155 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| PRU | 1.62 | 318.0 | Sn | 08:10:45.801 | -0.8 | T__ | | --- | | | 6890147 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/26 | 08:23:49.06 | 1.56 | 1.28 | 46.0666 | 22.8761 | 11.5 | 6.7 | 63 | 0.0f | | 7 | 6 | 143 | 0.18 | 0.99 | sx | BUD | 17002298 | BUD | | | 210 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|------|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|---------|------|------|------|------|------|-----|-----|---|
| DEV | 0.18 | 174.1 | Lg | 08:23:54.493 | -0.7 | | | | | T__ | | | | | | 6890190 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| GZR | 0.68 | 185.9 | Pg | 08:24:02.952 | 0.9 | | | | | T__ | | 59.3 | | | ___ | ML | 1.6 | 6890189 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.68 | 185.9 | Lg | 08:24:10.439 | -1.2 | | | | | T__ | | | | | --- | | 6890191 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.73 | 351.1 | Lg | 08:24:14.876 | -0.9 | | | | | T__ | | | | | --- | | 6890192 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| SIRR | 0.87 | 283.8 | Lg | 08:24:18.737 | -0.5 | | | | | T__ | | | | | --- | | 6890194 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 0.88 | 134.4 | Lg | 08:24:17.385 | -1.4 | | | | | T__ | | | | | --- | | 6890193 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 0.99 | 243.4 | Lg | 08:24:21.367 | -0.9 | | | | | T__ | | | | | --- | | 6890195 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/08/26 | 08:56:01.51 | 1.52 | 1.12 | 47.3788 | 18.3872 | 9.7 | 4.4 | 123 | 0.0f | | 13 | 10 | 109 | 0.09 | 1.24 | sx | BUD | 17002300 | BUD | | | | | 175 |

Magnitude Err Nsta Author OrigID
ML 1.5 0.2 3 BUD 17002300

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|------|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------|---------|---------|------|------|-----|------|------|-----|-----|---|
| CSKK | 0.09 | 259.7 | Pg | 08:56:04.819 | 0.9 | | | | | T__ | | 1194.4 | | | ___ | ML | 1.6 | 6890234 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 259.7 | Lg | 08:56:05.598 | -0.7 | | | | | T__ | | | | | --- | | 6890235 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.09 | 279.2 | Pg | 08:56:04.752 | 0.8 | | | | | T__ | | 859.5 | | | ___ | ML | 1.5 | 6890242 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.09 | 279.2 | Lg | 08:56:05.808 | -0.5 | | | | | T__ | | | | | --- | | 6890241 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.14 | 237.5 | Pg | 08:56:05.620 | 0.7 | | | | | T__ | | 265.2 | | | ___ | ML | 1.1 | 6890244 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.14 | 237.5 | Lg | 08:56:06.933 | -1.2 | | | | | T__ | | | | | --- | | 6890243 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.18 | 271.5 | Lg | 08:56:08.387 | -0.9 | | | | | T__ | | | | | --- | | 6890245 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU09A | 0.26 | 359.3 | Lg | 08:56:11.646 | -0.5 | T__ | --- | 6890246 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| HU08A | 0.32 | 279.6 | Lg | 08:56:13.240 | -0.8 | T__ | --- | 6890236 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| PSZ | 1.15 | 61.5 | Sn | 08:56:40.332 | -1.6 | T__ | --- | 6890237 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.16 | 15.0 | Lg | 08:56:40.718 | -1.1 | T__ | --- | 6890239 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.18 | 171.3 | Sn | 08:56:40.332 | -1.4 | T__ | --- | 6890238 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.24 | 323.5 | Sn | 08:56:43.188 | -1.0 | T__ | --- | 6890240 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/08/26 | 09:57:56.34 | 1.44 | 1.38 | 48.2051 | 21.2368 | 8.9 | 5.6 | 145 | 0.0f | | 14 | 12 | 85 | 0.09 | 1.73 | kx | BUD | 17002302 | BUD | | | 121 |
| 2021/08/26 | 09:57:56.88 | 0.95 | 1.45 | 48.2470 | 21.2460f | | | | 0.0f | | 14 | 12 | 82 | 0.05 | 1.76 | kx | BUD_GT | 17002303 | BUD_GT | | | 118 |
| (locality : Táallya Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 09:57:59.556 | 1.1 | | | | | T__ | | 10246.3 | | _c_ | ML | 2.4 | 6890277 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 09:57:59.826 | -0.2 | | | | | T__ | | | | --- | | 6890276 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 09:58:08.162 | 0.6 | | | | | T__ | | 87.3 | | --- | ML | 1.7 | 6890279 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 09:58:15.186 | -0.6 | | | | | T__ | | | | --- | | 6890278 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Lg | 09:58:15.958 | -0.8 | | | | | T__ | | | | --- | | 6890280 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| TRPA | 0.87 | 97.2 | Lg | 09:58:26.301 | -2.0 | | | | | T__ | | | | --- | | 6890281 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU23A | 0.90 | 228.1 | Lg | 09:58:26.919 | -2.5 | | | | | T__ | | | | --- | | 6890282 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.96 | 250.6 | Lg | 09:58:29.003 | -2.6 | | | | | T__ | | | | --- | | 6890283 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 0.97 | 44.4 | Lg | 09:58:29.543 | -1.6 | | | | | T__ | | | | --- | | 6890284 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU03A | 1.16 | 253.3 | Sn | 09:58:34.946 | -1.7 | | | | | T__ | | | | --- | | 6890285 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| NIE | 1.33 | 332.3 | Lg | 09:58:40.349 | -1.1 | | | | | T__ | | | | --- | | 6890286 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| BMR | 1.62 | 109.9 | Sn | 09:58:48.090 | -0.6 | | | | | T__ | | | | --- | | 6890287 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.63 | 279.6 | Sn | 09:58:48.605 | -0.1 | | | | | T__ | | | | --- | | 6890288 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| DRGR | 1.76 | 145.2 | Sn | 09:58:52.537 | 0.6 | | | | | T__ | | | | --- | | 6890289 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|-----|
| 2021/08/26 | 10:00:02.28 | 1.76 | 1.31 | 48.2317 | 21.2612 | 10.0 | 6.5 | 144 | 0.0f | | 8 | 6 | 155 | 0.07 | 0.97 | kx | BUD | 17002304 | BUD | | | | 208 |
| 2021/08/26 | 10:00:02.64 | 0.99 | 1.25 | 48.2470 | 21.2460f | | | | 0.0f | | 8 | 6 | 153 | 0.05 | 0.97 | kx | BUD_GT | 17002305 | BUD_GT | | | | 206 |
| (locality : Táallya Hungary) | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 10:00:04.666 | 0.5 | | | | | T__ | | 2998.0 | | --- | ML | 1.9 | 6890310 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 10:00:05.129 | -0.7 | | | | | T__ | | | | --- | | 6890311 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 10:00:14.189 | 0.8 | | | | | T__ | | 31.8 | | --- | ML | 1.3 | 6890314 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 10:00:21.058 | -0.5 | | | | | T__ | | | | --- | | 6890312 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.56 295.3 Lg 10:00:22.061 -0.4 T__
TRPA 0.87 97.2 Lg 10:00:32.449 -1.6 T__
PSZ 0.96 250.6 Lg 10:00:35.161 -2.2 T__
KOLS 0.97 44.4 Lg 10:00:35.705 -1.2 T__

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/26 10:16:01.63 3.34 1.75 48.5465 20.8159 23.0 8.4 111 0.0f 6 4 245 0.19 0.94 sx BUD 17002306 BUD 330

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.19 254.7 Pg 10:16:06.888 1.2 T__ 177.1 _c ML 1.1 6890336 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.19 254.7 Lg 10:16:08.470 -0.3 T__ 6890338 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.23 254.0 Pg 10:16:06.612 0.2 T__ 500.2 ___ ML 1.6 6890339 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.23 254.0 Lg 10:16:09.468 -0.6 T__ 6890337 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 0.88 224.8 Lg 10:16:31.172 -2.2 T__ 6890340 FDSN GE -- BUD iLoc HHN ??? _
NIE 0.94 338.9 Lg 10:16:31.188 -1.4 T__ 6890341 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/26 11:09:58.50 3.78 0.38 48.5935 20.2817 25.3 9.0 157 0.0f 5 3 278 0.17 0.72 sx BUD 17002308 BUD 350

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.17 129.1 Pg 11:10:02.386 0.2 T__ 290.2 ___ ML 1.2 6890381 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.17 129.1 Lg 11:10:05.348 0.2 T__ 6890383 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
JOS 0.20 119.6 Pg 11:10:02.644 0.0 T__ 117.9 ___ ML 0.9 6890380 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 119.6 Lg 11:10:05.479 -0.4 T__ 6890384 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
PSZ 0.72 201.1 Lg 11:10:24.659 -0.2 T__ 6890382 FDSN GE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/26 12:13:35.02 0.98 0.71 47.8682 16.0890 6.3 3.9 26 0.0f 8 6 83 0.16 1.21 sx BUD 17002310 BUD 154

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.16 291.5 Pg 12:13:39.047 0.5 T__ 123.4 ___ ML 0.8 6890475 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.16 291.5 Lg 12:13:40.513 -0.5 T__ 6890476 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1

```

```

(Station ML: 0.8 magdef=1
RONA 0.22 140.3 Pg 12:13:40.034 0.3 T__ 66.1 _c_ ML 0.7 6890479 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.22 140.3 Lg 12:13:42.813 -0.1 T__ --- 6890478 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
ARSA 0.73 212.0 Lg 12:13:58.029 -0.2 T__ --- 6890477 FDSN OE -- BUD iLoc HHN ??? _
AO19A 0.80 238.4 Lg 12:13:59.746 -1.1 T__ --- 6890480 FDSN Z3 00 BUD iLoc HH2 ??? _
MODS 0.94 57.1 Lg 12:14:08.048 -0.7 T__ --- 6890481 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.21 9.6 Sn 12:14:15.552 -0.2 T__ --- 6890482 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/27 05:44:54.26 1.36 1.01 48.0141 20.3659 15.1 4.0 145 0.0f 6 3 208 0.15 0.50 ke BUD 17002316 BUD 328
2021/08/27 05:44:53.80 0.99 1.15 47.9767 20.3679f 0.0f 6 3 223 0.18 0.53 kx BUD_GT 17002317 BUD_GT 336
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

```

```
Magnitude Err Nsta Author OrigID
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.18 35.8 Pg 05:44:58.350 0.3 T__ --- 6891871 FDSN ZJ 00 BUD iLoc HHZ ??? _
HU02A 0.18 35.8 Lg 05:45:00.125 -1.5 T__ --- 6891870 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.32 259.8 Pg 05:45:02.032 0.9 T__ 44.5 --- ML 0.8 6891874 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.32 259.8 Lg 05:45:06.921 0.2 T__ --- 6891872 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
JOS 0.53 12.4 Pg 05:45:05.106 0.6 T__ 21.2 --- ML 1.1 6891875 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 12.4 Lg 05:45:10.988 -1.8 T__ --- 6891873 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/27 07:58:20.87 2.67 2.06 46.1204 18.1213 32.2 3.8 136 0.0f 6 4 134 0.04 1.12 sx BUD 17002318 BUD 264

```

```
Magnitude Err Nsta Author OrigID
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.04 204.9 Pg 07:58:22.641 0.3 T__ 1203.0 _c_ ML 1.5 6891895 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.04 204.9 Lg 07:58:23.104 -0.7 T__ --- 6891896 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.38 75.2 Pg 07:58:29.202 0.3 T__ 24.7 --- ML 0.7 6891898 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.38 75.2 Lg 07:58:35.068 -0.0 T__ --- 6891897 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
HU22A 0.73 73.1 Lg 07:58:46.858 -1.0 T__ --- 6891899 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 1.12 339.3 Sn 07:58:56.164 -3.3 T__ --- 6891900 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/27 08:13:43.81 1.02 1.25 46.1817 18.2738 9.4 3.7 152 0.0f 5 3 149 0.15 0.34 kx BUD 17002320 BUD 276

```

2021/08/27 08:13:43.84 1.01 0.91 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 17002321 BUD_GT 275
 (locality : Komló Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 08:13:47.981 | 0.3 | | | | | T__ | | 424.7 | | _c | ML | 1.4 | 6891918 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 08:13:49.722 | -1.1 | | | | | T__ | | | | --- | | 6891920 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 08:13:50.167 | 0.8 | | | | | T__ | | 172.1 | | --- | ML | 1.2 | 6891919 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 08:13:52.862 | -0.9 | | | | | T__ | | | | --- | | 6891921 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Lg | 08:13:56.486 | -0.8 | | | | | T__ | | | | --- | | 6891922 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/08/27 | 08:18:29.47 | 1.07 | 0.83 | 47.9038 | 20.1172 | 6.2 | 4.6 | 166 | 0.0f | | 8 | 6 | 108 | 0.15 | 1.04 | kx | BUD | 17002322 | BUD | | | 208 |
| 2021/08/27 | 08:18:28.92 | 0.96 | 1.13 | 47.8650 | 20.1529f | | | | 0.0f | | 8 | 6 | 112 | 0.18 | 1.08 | kx | BUD_GT | 17002323 | BUD_GT | | | 217 |
| (locality : Kisdána Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 08:18:33.792 | 0.4 | | | | | T__ | | 409.4 | | --- | ML | 1.4 | 6891961 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 08:18:36.907 | -0.1 | | | | | T__ | | | | --- | | 6891968 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.24 | 163.9 | Lg | 08:18:40.215 | 1.6 | | | | | T__ | | | | --- | | 6891963 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| HU03A | 0.37 | 276.2 | Lg | 08:18:41.573 | -1.4 | | | | | T__ | | | | --- | | 6891962 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| JOS | 0.68 | 22.1 | Pg | 08:18:42.800 | 0.2 | | | | | T__ | | 24.2 | | --- | ML | 1.3 | 6891965 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 22.1 | Lg | 08:18:52.834 | -0.2 | | | | | T__ | | | | --- | | 6891964 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.85 | 59.0 | Lg | 08:18:59.432 | -0.1 | | | | | T__ | | | | --- | | 6891966 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| VYHS | 1.08 | 306.0 | Lg | 08:19:04.600 | -2.0 | | | | | T__ | | | | --- | | 6891967 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/27 | 09:14:41.84 | 1.34 | 0.97 | 48.5379 | 20.8129 | 8.4 | 6.2 | 15 | 0.0f | | 9 | 7 | 129 | 0.19 | 1.32 | sx | BUD | 17002330 | BUD | | | 200 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 257.0 | Pg | 09:14:46.415 | 0.6 | | | | | T__ | | 339.7 | | --- | ML | 1.4 | 6892087 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 257.0 | Lg | 09:14:48.692 | -0.2 | | | | | T__ | | | | --- | | 6892090 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 256.0 | Pg | 09:14:46.916 | 0.4 | | | | | T__ | | 1272.4 | | --- | ML | 2.0 | 6892089 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|--|--|--|-----|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| KECS | 0.22 | 256.0 | Lg | 09:14:49.502 | -0.7 | | | | T__ | | | | | 6892088 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 130.2 | Lg | 09:14:55.798 | -0.3 | | | | T__ | | | | | 6892091 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| PSZ | 0.87 | 225.1 | Lg | 09:15:12.254 | -1.1 | | | | T__ | | | | | 6892092 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| NIE | 0.94 | 339.2 | Lg | 09:15:12.246 | -0.8 | | | | T__ | | | | | 6892093 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| TRPA | 1.22 | 108.9 | Sn | 09:15:22.590 | -1.2 | | | | T__ | | | | | 6892094 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.32 | 268.8 | Sn | 09:15:25.137 | -1.1 | | | | T__ | | | | | 6892095 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/27 | 10:19:35.56 | 3.39 | 0.68 | 46.7828 | 22.8012 | 29.8 | 15.6 | 37 | 0.0f | | 8 | 5 | 234 | 0.06 | 1.50 | sx | BUD | 17002332 | BUD | | | 275 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.2 | 3 BUD | 17002332 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.06 | 278.2 | Pg | 10:19:37.299 | 0.1 | | | | | T__ | | 483.0 | | | ML | 1.2 | 6892117 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.06 | 278.2 | Lg | 10:19:38.727 | -0.1 | | | | | T__ | | | | | | 6892118 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.94 | 237.2 | Pn | 10:19:54.474 | -0.5 | | | | | T__ | | 19.1 | | | ML | 1.3 | 6892120 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.94 | 237.2 | Lg | 10:20:08.213 | 0.1 | | | | | T__ | | | | | | 6892119 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.39 | 180.7 | Pn | 10:20:01.685 | -0.0 | | | | | T__ | | 37.7 | | | ML | 1.8 | 6892123 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.39 | 180.7 | Sn | 10:20:22.680 | 1.1 | | | | | T__ | | | | | | 6892122 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.43 | 215.6 | Sn | 10:20:22.047 | 0.1 | | | | | T__ | | | | | | 6892124 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 1.50 | 152.9 | Sn | 10:20:23.758 | -0.9 | | | | | T__ | | | | | | 6892121 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/27 | 10:21:07.91 | 0.91 | 0.80 | 48.5339 | 17.4462 | 5.3 | 3.4 | 133 | 0.0f | | 11 | 9 | 122 | 0.20 | 1.25 | sx | BUD | 17002334 | BUD | | | 189 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.20 | 215.1 | Pg | 10:21:12.823 | 0.4 | | | | | T__ | | | | | | 6892149 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.20 | 215.1 | Lg | 10:21:15.293 | -0.9 | | | | | T__ | | | | | | 6892150 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.36 | 24.5 | Lg | 10:21:20.706 | -1.0 | | | | | T__ | | | | | | 6892151 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| ZST | 0.41 | 214.3 | Lg | 10:21:21.787 | -1.3 | | | | | T__ | | | | | | 6892152 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 0.87 | 307.6 | Lg | 10:21:36.761 | -0.8 | | | | | T__ | | | | | | 6892153 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.93 | 92.0 | Pg | 10:21:27.113 | 0.5 | | | | | T__ | | 12.8 | | | ML | 1.1 | 6892155 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.93 | 92.0 | Lg | 10:21:39.308 | -0.7 | | | | | T__ | | | | | | 6892154 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 0.96 | 324.4 | Lg | 10:21:39.849 | -0.3 | | | | | T__ | | | | | | 6892156 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.14 | 223.1 | Lg | 10:21:45.560 | 0.4 | | | | | T__ | | | | | | 6892157 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.22 | 240.8 | Lg | 10:21:47.876 | 0.2 | | | | | T__ | | | | | | 6892158 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MORC | 1.25 | 2.9 | Lg | 10:21:48.725 | 0.3 | | | | | T__ | | | | | | 6892159 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/08/27 | 10:40:37.56 | 1.23 | 1.08 | 47.5548 | 18.4564 | 8.9 | 3.3 | 107 | 0.0f | 9 | 5 | 199 | 0.10 | 0.97 | kx | BUD | 17002336 | BUD | | | | 245 |
| 2021/08/27 | 10:40:37.59 | 0.92 | 0.94 | 47.5600 | 18.4573f | | | | 0.0f | 9 | 5 | 199 | 0.09 | 0.97 | kx | BUD_GT | 17002337 | BUD_GT | | | | 246 |

(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.3 | 0.1 | 4 BUD_GT | 17002337 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 10:40:40.883 | 0.9 | | | | | T__ | | 866.8 | | ___ | ML | 1.5 | 6892335 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 10:40:41.662 | -0.7 | | | | | T__ | | | | ___ | | 6892337 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 10:40:43.459 | 0.6 | | | | | T__ | | 229.1 | | ___ | ML | 1.3 | 6892336 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 10:40:46.461 | -1.0 | | | | | T__ | | | | ___ | | 6892338 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.38 | 250.6 | Pg | 10:40:46.471 | 0.8 | | | | | T__ | | 71.9 | | ___ | ML | 1.2 | 6892343 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.38 | 250.6 | Lg | 10:40:51.322 | -1.0 | | | | | T__ | | | | ___ | | 6892342 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.74 | 238.3 | Lg | 10:41:02.130 | -1.4 | | | | | T__ | | | | ___ | | 6892339 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 0.97 | 15.1 | Pn | 10:40:57.653 | 0.1 | | | | | T__ | | 12.6 | | ___ | ML | 1.1 | 6892341 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VVHS | 0.97 | 15.1 | Lg | 10:41:10.543 | -0.9 | | | | | T__ | | | | ___ | | 6892340 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/08/27 | 16:04:10.19 | 1.15 | 1.03 | 47.6188 | 16.3744 | 7.6 | 4.2 | 1 | 0.0f | 10 | 7 | 175 | 0.10 | 1.44 | sx | BUD | 17002340 | BUD | | | | 242 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.7 | 0.3 | 3 BUD | 17002340 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.10 | 326.9 | Pg | 16:04:13.023 | 0.5 | | | | | T__ | | 120.8 | | _c_ | ML | 0.7 | 6892453 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.10 | 326.9 | Lg | 16:04:14.061 | -0.2 | | | | | T__ | | | | ___ | | 6892451 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.14 | 62.5 | Pg | 16:04:14.138 | 0.8 | | | | | T__ | | 58.5 | | ___ | ML | 0.5 | 6892450 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.14 | 62.5 | Lg | 16:04:15.335 | -0.4 | | | | | T__ | | | | ___ | | 6892452 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.46 | 312.0 | Lg | 16:04:25.411 | -0.4 | | | | | T__ | | | | ___ | | 6892454 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.69 | 237.8 | Lg | 16:04:30.930 | -1.2 | | | | | T__ | | | | ___ | | 6892455 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| AO13A | 0.79 | 304.7 | Lg | 16:04:35.561 | -0.1 | | | | | T__ | | | | ___ | | 6892456 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.97 | 38.4 | Lg | 16:04:42.894 | -1.9 | | | | | T__ | | | | ___ | | 6892457 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.44 | 0.5 | Pn | 16:04:37.510 | 0.5 | | | | | T__ | | 26.8 | | ___ | ML | 1.7 | 6892459 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.44 | 0.5 | Sn | 16:04:57.616 | 0.9 | | | | | T__ | | | | ___ | | 6892458 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

(Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/28 | 00:45:42.34 | 1.06 | 1.07 | 46.2078 | 19.1410 | 6.7 | 4.1 | 167 | 8.1 | 8.5 | 12 | 7 | 188 | 0.12 | 1.46 | ke | BUD | 17002342 | BUD | | | 264 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.3 | 5 BUD | 17002342 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU22A | 0.12 | 356.7 | Pg | 00:45:45.721 | 0.3 | | | | | T__ | | 3261.7 | | _d_ | ML | 2.1 | 6892527 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU22A | 0.12 | 356.7 | Lg | 00:45:47.917 | -0.1 | | | | | T__ | | | | --- | | 6892534 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.35 | 271.4 | Pg | 00:45:49.768 | 0.3 | | | | | T__ | | 36.2 | | --- | ML | 0.8 | 6892528 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.35 | 271.4 | Lg | 00:45:54.410 | -0.5 | | | | | T__ | | | | --- | | 6892529 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU21A | 0.43 | 72.7 | Pg | 00:45:51.322 | 0.2 | | | | | T__ | | 87.7 | | --- | ML | 1.4 | 6892535 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU21A | 0.43 | 72.7 | Lg | 00:45:57.791 | -0.4 | | | | | T__ | | | | --- | | 6892532 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A272A | 0.55 | 347.3 | Pg | 00:45:53.835 | 0.3 | | | | | T__ | | 63.7 | | --- | ML | 1.6 | 6892537 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A272A | 0.55 | 347.3 | Lg | 00:46:01.182 | -1.2 | | | | | T__ | | | | --- | | 6892536 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.73 | 261.0 | Pg | 00:45:56.961 | 0.1 | | | | | T__ | | 21.0 | | --- | ML | 1.2 | 6892530 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.73 | 261.0 | Lg | 00:46:07.070 | -0.2 | | | | | T__ | | | | --- | | 6892538 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A267A | 0.87 | 328.6 | Lg | 00:46:12.752 | 0.1 | | | | | T__ | | | | --- | | 6892533 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.46 | 311.7 | Sn | 00:46:29.762 | 2.6 | | | | | T__ | | | | --- | | 6892531 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/08/28 | 08:42:50.26 | 1.03 | 1.27 | 46.1424 | 18.2907 | 26.0 | 3.7 | 161 | 0.0f | | 5 | 3 | 174 | 0.14 | 1.10 | kx | BUD | 17002344 | BUD | | | 319 |
| 2021/08/28 | 08:42:50.19 | 1.03 | 0.93 | 46.1765 | 18.2926f | | | | 0.0f | | 5 | 3 | 155 | 0.16 | 1.09 | kx | BUD_GT | 17002345 | BUD_GT | | | 310 |

(locality : Komló Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 08:42:54.288 | 0.2 | | | | | T__ | | 467.2 | | _c_ | ML | 1.4 | 6892562 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 08:42:55.754 | -1.4 | | | | | T__ | | | | --- | | 6892565 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 08:42:56.526 | 0.8 | | | | | T__ | | 161.6 | | --- | ML | 1.2 | 6892563 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 08:42:59.228 | -0.9 | | | | | T__ | | | | --- | | 6892564 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |


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BEHE 1.09 286.2 Lg 08:43:26.686 -0.1 T__ --- 6892566 FDSN HU -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/28 09:40:07.99 1.59 0.99 47.9977 19.6572 11.5 4.0 147 0.0f 5 3 207 0.10 0.77 kx BUD 17002346 BUD 293
2021/08/28 09:40:07.71 1.00 0.84 48.0061 19.6278f 0.0f 5 3 220 0.10 0.78 kx BUD_GT 17002347 BUD_GT 294
(locality : Nagylóc Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.10 190.5 Pg 09:40:10.944 0.6 T__ 207.0 --- ML 0.9 6892585 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.10 190.5 Lg 09:40:12.016 -0.5 T__ --- 6892586 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
PSZ 0.20 116.0 Pg 09:40:12.893 0.4 T__ 159.5 --- ML 1.1 6892584 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.20 116.0 Lg 09:40:15.153 -1.2 T__ --- 6892587 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.78 50.9 Lg 09:40:34.391 -0.8 T__ --- 6892588 FDSN ZJ -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/29 21:57:28.32 0.71 0.99 47.7727 18.1957 2.6 2.3 5 4.6 5.5 82 46 48 0.09 2.84 ke BUD 17002350 BUD 64

Magnitude Err Nsta Author OrigID
ML 2.1 0.2 32 BUD 17002350

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SRD 0.09 62.8 Pg 21:57:31.359 0.9 T__ 24027.2 _c_ ML 2.9 6897833 FDSN SK -- BUD iLoc EHZ EHZ _
SRD 0.09 62.8 Lg 21:57:33.161 0.8 T__ --- 6897834 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
HU09A 0.18 136.7 Pg 21:57:32.367 0.1 T__ 1535.7 _c_ ML 2.0 6897773 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.18 136.7 Lg 21:57:35.827 0.1 T__ --- 6897835 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU08A 0.39 208.4 Pg 21:57:35.994 -0.2 T__ 446.2 --- ML 2.0 6897774 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.39 208.4 Lg 21:57:42.015 -0.5 T__ --- 6897776 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CSKK 0.41 173.9 Pg 21:57:36.753 0.1 T__ 635.1 --- ML 2.2 6897836 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.41 173.9 Lg 21:57:42.864 -0.7 T__ --- 6897777 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU10A 0.56 82.2 Pg 21:57:40.240 0.4 T__ 265.4 --- ML 2.2 6897775 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BUD 0.63 117.0 Pg 21:57:40.965 -0.3 T__ 294.1 --- ML 2.3 6897819 FDSN HU -- BUD iLoc HHZ HHZ _
BUD 0.63 117.0 Lg 21:57:50.317 -0.8 T__ --- 6897837 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1

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| | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.68 | 239.0 | Pg | 21:57:41.988 | -0.0 | T__ | 375.4 | ___ | ML | 2.5 | 6897838 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| EGYH | 0.68 | 239.0 | Lg | 21:57:52.345 | 0.5 | T__ | | --- | | | 6897820 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.75 | 216.7 | Pg | 21:57:42.725 | -0.5 | T__ | 251.3 | ___ | ML | 2.3 | 6897839 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MPLH | 0.75 | 216.7 | Lg | 21:57:53.542 | -0.5 | T__ | | --- | | | 6897840 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.84 | 30.5 | Pg | 21:57:45.218 | -0.0 | T__ | 41.5 | ___ | ML | 1.6 | 6897780 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | |
| VYHS | 0.84 | 30.5 | Lg | 21:57:56.565 | -0.8 | T__ | | --- | | | 6897779 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.85 | 300.4 | Pg | 21:57:45.409 | 0.2 | T__ | | --- | | | 6897856 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.85 | 300.4 | Lg | 21:57:56.343 | -1.3 | T__ | | --- | | | 6897855 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A267A | 0.85 | 166.7 | Lg | 21:57:56.719 | -1.5 | T__ | | --- | | | 6897778 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.86 | 314.7 | Pg | 21:57:45.218 | -0.3 | T__ | | --- | | | 6897782 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.86 | 314.7 | Lg | 21:57:57.105 | -1.4 | T__ | | --- | | | 6897781 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU03A | 0.95 | 81.6 | Pn | 21:57:47.840 | 0.7 | T__ | 121.1 | ___ | ML | 2.1 | 6897841 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU03A | 0.95 | 81.6 | Sn | 21:58:00.810 | -1.2 | T__ | | --- | | | 6897783 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| A261A | 1.09 | 221.3 | Pg | 21:57:49.876 | 0.1 | T__ | 228.9 | ___ | ML | 2.5 | 6897821 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| SOP | 1.11 | 266.0 | Pn | 21:57:49.618 | 0.1 | T__ | 103.6 | ___ | ML | 2.1 | 6897786 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| SOP | 1.11 | 266.0 | Lg | 21:58:04.592 | -0.2 | T__ | | --- | | | 6897787 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| A260A | 1.12 | 244.7 | Lg | 21:58:05.055 | -0.1 | T__ | | --- | | | 6897788 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 1.14 | 342.3 | Pn | 21:57:50.477 | 0.2 | T__ | 58.9 | ___ | ML | 1.9 | 6897842 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JAVC | 1.14 | 342.3 | Sn | 21:58:06.213 | -1.5 | T__ | | --- | | | 6897790 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.15 | 82.1 | Pn | 21:57:51.393 | 1.2 | T__ | 58.8 | ___ | ML | 1.9 | 6897792 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 1.15 | 82.1 | Sn | 21:58:06.676 | -0.8 | T__ | | --- | | | 6897791 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| A272A | 1.15 | 152.7 | Pn | 21:57:50.531 | 0.7 | T__ | 249.5 | ___ | ML | 2.5 | 6897843 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A272A | 1.15 | 152.7 | Sn | 21:58:06.290 | -0.5 | T__ | | --- | | | 6897789 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| A266A | 1.25 | 177.8 | Sn | 21:58:08.760 | -0.3 | T__ | | --- | | | 6897793 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.28 | 267.4 | Pn | 21:57:51.772 | -0.3 | T__ | 54.7 | ___ | ML | 2.0 | 6897844 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 1.28 | 267.4 | Pg | 21:57:53.014 | -0.7 | T__ | 54.9 | ___ | ML | 2.0 | 6897795 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 1.28 | 267.4 | Lg | 21:58:10.844 | 0.6 | T__ | | --- | | | 6897794 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| HU04A | 1.30 | 137.3 | Sn | 21:58:11.539 | 1.4 | T__ | | --- | | | 6897796 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| A265A | 1.38 | 191.6 | Sn | 21:58:12.656 | 0.7 | T__ | | --- | | | 6897845 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A265A | 1.38 | 191.6 | Lg | 21:58:14.736 | 0.2 | T__ | | --- | | | 6897846 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU23A | 1.39 | 94.8 | Pn | 21:57:54.479 | 1.3 | T__ | 95.8 | ___ | ML | 2.3 | 6897847 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU23A | 1.39 | 94.8 | Lg | 21:58:15.398 | -1.6 | T__ | | --- | | | 6897797 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--------------|------|-----|-------|-----|----|-------------|---------|--------|------|-----|-----|---|--|--|--|--|--|--|--|--|
| (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A262A 1.45 231.9 Pg | 21:57:56.179 | -0.4 | T__ | 106.8 | --- | ML | 2.3 6897799 | FDSN Z3 | 00 BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| A262A 1.45 231.9 Lg | 21:58:16.402 | 0.2 | T__ | | --- | | 6897798 | FDSN Z3 | 00 BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A005B 1.46 294.9 Sn | 21:58:14.858 | 0.5 | T__ | | --- | | 6897800 | FDSN Z3 | 00 BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| BSZH 1.48 107.9 Lg | 21:58:18.254 | -1.7 | T__ | | --- | | 6897801 | FDSN HU | -- BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| CONA 1.58 276.5 Pn | 21:57:56.397 | 0.0 | T__ | 31.0 | --- | ML | 1.9 6897848 | FDSN OE | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| CONA 1.58 276.5 Pg | 21:57:58.649 | -0.6 | T__ | 30.6 | --- | ML | 1.9 6897803 | FDSN OE | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| CONA 1.58 276.5 Sn | 21:58:18.100 | 0.6 | T__ | | --- | | 6897802 | FDSN OE | -- BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| HU22A 1.58 155.8 Lg | 21:58:20.724 | -2.4 | T__ | | --- | | 6897804 | FDSN ZJ | 00 BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| MORH 1.59 168.7 Pn | 21:57:56.371 | 0.6 | T__ | 54.2 | --- | ML | 2.1 6897822 | FDSN HU | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| MORH 1.59 168.7 Sn | 21:58:19.180 | 1.9 | T__ | | --- | | 6897805 | FDSN HU | -- BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| BEHE 1.62 217.2 Pn | 21:57:57.660 | 1.1 | T__ | 117.2 | --- | ML | 2.5 6897823 | FDSN HU | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| BEHE 1.62 217.2 Pg | 21:57:59.421 | -0.3 | T__ | 117.3 | --- | ML | 2.5 6897806 | FDSN HU | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| (Reading ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| KOVH 1.69 182.3 Pn | 21:57:57.881 | 0.7 | T__ | 31.5 | --- | ML | 1.9 6897849 | FDSN HU | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| KOVH 1.69 182.3 Pg | 21:58:00.964 | -0.0 | T__ | 32.4 | --- | ML | 1.9 6897807 | FDSN HU | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| KOVH 1.69 182.3 Sn | 21:58:20.879 | 1.2 | T__ | | --- | | 6897808 | FDSN HU | -- BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| KOVH 1.69 182.3 Lg | 21:58:23.252 | -1.3 | T__ | | --- | | 6897850 | FDSN HU | -- BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| KECS 1.69 64.3 Pn | 21:57:58.733 | 1.3 | T__ | 68.7 | --- | ML | 2.3 6897824 | FDSN SK | -- BUD | iLoc | EHZ | EHZ | _ | | | | | | | | |
| KECS 1.69 64.3 Sn | 21:58:21.650 | 1.5 | T__ | | --- | | 6897809 | FDSN SK | -- BUD | iLoc | EHN | ??? | _ | | | | | | | | |
| (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| JOS 1.73 64.4 Pn | 21:57:58.907 | 1.0 | T__ | 24.8 | --- | ML | 1.9 6897851 | FDSN ZJ | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| JOS 1.73 64.4 Sn | 21:58:22.428 | 1.5 | T__ | | --- | | 6897852 | FDSN ZJ | -- BUD | iLoc | HHE | ??? | _ | | | | | | | | |
| (Reading ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| KRUC 1.76 317.8 Pn | 21:57:59.378 | 0.7 | T__ | 21.9 | --- | ML | 1.8 6897825 | FDSN CZ | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| KRUC 1.76 317.8 Pg | 21:58:01.273 | -0.5 | T__ | 21.1 | --- | ML | 1.8 6897810 | FDSN CZ | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| (Reading ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| HU21A 1.78 143.4 Sn | 21:58:23.812 | 1.9 | T__ | | --- | | 6897811 | FDSN ZJ | 00 BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| A008A 1.81 290.2 Sn | 21:58:24.275 | 1.6 | T__ | | --- | | 6897812 | FDSN Z3 | 00 BUD | iLoc | HH2 | ??? | _ | | | | | | | | |
| VRAC 1.87 325.9 Pn | 21:58:01.310 | 1.1 | T__ | 5.9 | --- | ML | 1.3 6897829 | FDSN CZ | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| VRAC 1.87 325.9 Lg | 21:58:30.321 | -0.7 | T__ | | --- | | 6897853 | FDSN CZ | -- BUD | iLoc | HHE | ??? | _ | | | | | | | | |
| (Reading ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| KOGS 1.88 225.8 Pn | 21:58:01.256 | 1.2 | T__ | 38.7 | --- | ML | 2.1 6897827 | FDSN SL | -- BUD | iLoc | BHZ | BHZ | _ | | | | | | | | |
| KOGS 1.88 225.8 Pg | 21:58:04.531 | 0.4 | T__ | | --- | | 6897826 | FDSN SL | -- BUD | iLoc | BHZ | ??? | _ | | | | | | | | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| ARSA 1.89 254.9 Pg | 21:58:04.102 | -0.3 | T__ | 34.2 | --- | ML | 2.1 6897828 | FDSN OE | -- BUD | iLoc | HHZ | HHZ | _ | | | | | | | | |
| ARSA 1.89 254.9 Lg | 21:58:30.604 | 1.6 | T__ | | --- | | 6897813 | FDSN OE | -- BUD | iLoc | HHN | ??? | _ | | | | | | | | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 2.1 magdef=1
ABAH 2.11 74.5 Pg 21:58:09.455 -0.3 T__ 34.3 ___ ML 2.2 6897815 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 2.11 74.5 Sn 21:58:32.148 2.1 T__ ___ 6897814 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
NIE 2.16 39.5 Pg 21:58:10.690 0.6 T__ 11.7 ___ ML 1.8 6897816 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 2.16 39.5 Lg 21:58:40.638 1.2 T__ ___ 6897817 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
AMBH 2.24 128.5 Pg 21:58:11.080 -1.7 T__ ___ 6897830 FDSN HU -- BUD iLoc HHZ ??? _
PTJ 2.41 220.1 Sn 21:58:38.253 0.6 T__ ___ 6897854 FDSN CR -- BUD iLoc BHN ??? _
SIRR 2.81 121.2 Pn 21:58:13.469 0.6 T__ 12.8 ___ ML 2.2 6897818 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
FRGS 2.84 156.3 Pn 21:58:13.979 0.6 T__ 23.6 ___ ML 2.5 6897831 FDSN SJ -- BUD iLoc BHZ BHZ _
FRGS 2.84 156.3 Sn 21:58:49.946 1.5 T__ ___ 6897832 FDSN SJ -- BUD iLoc BHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/30 05:15:24.60 1.12 0.34 47.3996 18.2628 5.4 3.9 76 3.0f 8 5 163 0.01 0.25 ke BUD 17002354 BUD 282

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 3 BUD 17002354

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW1 0.01 201.3 Pg 05:15:25.447 -0.0 T__ 1535.9 _d ML 1.5 6897973 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.01 201.3 Lg 05:15:25.898 -0.5 T__ ___ 6897972 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CSKK 0.04 182.5 Pg 05:15:26.111 0.3 T__ 1485.2 ___ ML 1.6 6897976 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.04 182.5 Lg 05:15:26.809 -0.3 T__ ___ 6897971 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MSW3 0.09 260.0 Pg 05:15:27.068 0.2 T__ 85.2 ___ ML 0.5 6897975 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.09 260.0 Lg 05:15:28.871 0.0 T__ ___ 6897974 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
MSW2 0.10 200.0 Lg 05:15:29.084 -0.2 T__ ___ 6897977 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.25 18.7 Lg 05:15:33.908 -0.3 T__ ___ 6897978 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/30 06:25:15.10 3.09 1.09 48.1170 21.3182 19.7 6.7 127 0.0f 8 5 275 0.19 0.98 sx BUD 17002356 BUD 312

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 3 BUD 17002356

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.19 343.7 Pg 06:25:19.365 0.0 T__ 321.9 ___ ML 1.3 6898002 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.19 343.7 Lg 06:25:22.447 -0.6 T__ ___ 6898004 FDSN HU -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.53 270.9 Pg 06:25:26.536 0.2 T__ 21.7 ___ ML 1.1 6898006 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.53 270.9 Lg 06:25:33.878 -1.1 T__ ___ 6898005 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.64 306.4 Pg 06:25:29.329 1.3 T__ 26.0 ___ ML 1.3 6898003 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.64 306.4 Lg 06:25:37.164 -0.6 T__ ___ 6898007 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.67 303.7 Lg 06:25:38.634 0.0 T__ ___ 6898008 FDSN SK -- BUD iLoc EHN ??? _
PSZ 0.98 258.8 Lg 06:25:48.834 -1.5 T__ ___ 6898009 FDSN GE -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/30 06:53:14.23 4.24 0.67 46.7978 22.7887 46.5 15.9 15 0.0f 7 4 249 0.05 1.51 sx BUD 17002358 BUD 297

```

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 3 BUD 17002358

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.05 263.4 Pg 06:53:15.759 0.0 T__ 266.3 ___ ML 0.9 6898042 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.05 263.4 Lg 06:53:17.119 -0.1 T__ ___ 6898044 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
GZR 1.40 180.3 Pn 06:53:40.847 0.3 T__ 31.2 ___ ML 1.8 6898047 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.40 180.3 Sn 06:54:00.720 0.1 T__ ___ 6898045 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
BZS 1.43 215.0 Pn 06:53:40.171 -0.5 T__ 24.2 ___ ML 1.7 6898048 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.43 215.0 Sn 06:54:01.758 1.0 T__ ___ 6898046 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT 1.51 152.8 Sn 06:54:03.028 -0.7 T__ ___ 6898043 FDSN RO -- BUD iLoc HHN ??? _

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/30 06:57:13.11 0.89 0.88 48.4335 17.2558 4.7 3.2 108 0.0f 11 7 80 0.06 1.06 sx BUD 17002360 BUD 150

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Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.06 166.5 Pg 06:57:15.524 0.5 T__ _c_ 6898089 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.06 166.5 Lg 06:57:16.204 -0.7 T__ ___ 6898090 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.26 203.4 Pg 06:57:19.128 0.3 T__ ___ 6898098 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.26 203.4 Lg 06:57:22.080 -1.2 T__ ___ 6898091 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.51 32.7 Pg 06:57:24.535 0.8 T__ 41.8 ___ ML 1.3 6898099 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.51 32.7 Lg 06:57:30.718 -1.3 T__ ___ 6898092 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KRUC 0.85 318.2 Pg 06:57:29.877 0.5 T__ 24.5 ___ ML 1.4 6898094 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.85 318.2 Lg 06:57:40.889 -1.1 T__ ___ 6898093 FDSN CZ -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
RDNA 0.98 221.6 Lg 06:57:45.467 0.2 T__ --- 6898095 FDSN OE -- BUD iLoc HHN ??? _
VYHS 1.05 86.1 Lg 06:57:49.034 -0.5 T__ --- 6898097 FDSN SK -- BUD iLoc HHN ??? _
CONA 1.06 242.1 Lg 06:57:47.853 0.1 T__ --- 6898096 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/30 11:24:01.12 0.99 1.10 48.3280 19.8743 5.3 4.3 155 0.0f 11 7 114 0.41 2.11 sx BUD 17002362 BUD 168

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.2 4 BUD 17002362

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.41 178.1 Pg 11:24:10.803 0.6 T__ 75.2 --- ML 1.3 6898255 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.41 178.1 Lg 11:24:16.845 -0.0 T__ --- 6898256 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.44 68.9 Pg 11:24:10.599 0.6 T__ 130.6 --- ML 1.6 6898250 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.44 68.9 Lg 11:24:16.309 -0.4 T__ --- 6898249 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.47 69.0 Pg 11:24:11.200 0.5 T__ 54.1 --- ML 1.4 6898257 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.47 69.0 Lg 11:24:17.981 -0.0 T__ --- 6898247 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.48 115.1 Pg 11:24:11.575 0.2 T__ 110.9 --- ML 1.7 6898251 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 115.1 Lg 11:24:18.101 -1.1 T__ --- 6898252 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 0.71 283.9 Lg 11:24:24.469 -1.6 T__ --- 6898248 FDSN SK -- BUD iLoc HHN ??? _
ABAH 0.91 91.5 Lg 11:24:31.470 -2.0 T__ --- 6898253 FDSN HU -- BUD iLoc HHN ??? _
MORC 2.11 314.3 Lg 11:25:10.712 0.9 T__ --- 6898254 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/30 12:10:01.76 0.91 0.98 48.5817 17.6082 5.8 3.3 132 0.0f 8 5 131 0.28 1.34 sx BUD 17002364 BUD 191

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JAVC 0.28 8.5 Pg 12:10:08.335 0.4 T__ 88.4 --- ML 1.0 6898285 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.28 8.5 Lg 12:10:11.636 -1.3 T__ --- 6898288 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MODS 0.30 226.7 Pg 12:10:08.338 -0.0 T__ --- 6898283 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.30 226.7 Lg 12:10:13.232 -0.4 T__ --- 6898284 FDSN SK -- BUD iLoc HHN ??? _
A331A 0.70 35.2 Lg 12:10:25.161 -0.0 T__ --- 6898289 FDSN Z3 00 BUD iLoc HHN ??? _
VYHS 0.82 95.7 Pg 12:10:19.109 0.7 T__ 8.4 --- ML 0.9 6898286 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.82 95.7 Lg 12:10:28.942 -1.4 T__ --- 6898290 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1

```

CONA 1.34 241.4 Lg 12:10:46.027 0.7 T__ --- 6898287 FDSN OE -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/31 | 06:33:53.03 | 1.03 | 1.38 | 46.0423 | 22.7986 | 7.3 | 5.2 | 74 | 0.0f | | 8 | 5 | 135 | 0.17 | 0.93 | sx | BUD | 17002368 | BUD | | | 247 |

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17002368

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| DEV | 0.17 | 155.3 | Lg | 06:33:57.875 | -1.0 | | | | | T__ | | | | | | 6901248 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| GZR | 0.65 | 181.4 | Lg | 06:34:14.046 | -0.7 | | | | | T__ | | | | | | 6901249 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| DRGR | 0.75 | 355.4 | Pg | 06:34:08.601 | 0.4 | | | | | T__ | | 30.2 | | | | 6901251 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.75 | 355.4 | Lg | 06:34:18.755 | -1.6 | | | | | T__ | | | | | | 6901250 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.90 | 130.8 | Pg | 06:34:11.569 | 1.2 | | | | | T__ | | 50.4 | | | | 6901253 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.90 | 130.8 | Lg | 06:34:21.641 | -1.9 | | | | | T__ | | | | | | 6901252 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.93 | 243.2 | Pg | 06:34:11.569 | 0.4 | | | | | T__ | | 19.3 | | | | 6901255 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.93 | 243.2 | Lg | 06:34:23.982 | -0.3 | | | | | T__ | | | | | | 6901254 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/08/31 | 06:49:49.64 | 1.32 | 1.03 | 47.8377 | 19.1534 | 9.2 | 5.3 | 164 | 0.0f | | 6 | 4 | 194 | 0.09 | 1.10 | kx | BUD | 17002370 | BUD | | | 261 |
| 2021/08/31 | 06:49:49.82 | 0.99 | 1.06 | 47.8355 | 19.1270f | | | | 0.0f | | 6 | 4 | 197 | 0.07 | 1.12 | kx | BUD_GT | 17002371 | BUD_GT | | | 263 |

(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 06:49:52.500 | 0.7 | | | | | T__ | | 733.2 | | | | 6901279 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 06:49:53.045 | -0.6 | | | | | T__ | | | | | | 6901277 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.52 | 80.6 | Lg | 06:50:08.229 | -1.4 | | | | | T__ | | | | | | 6901280 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 0.69 | 343.6 | Pg | 06:50:04.174 | 0.3 | | | | | T__ | | 8.8 | | | | 6901278 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.69 | 343.6 | Lg | 06:50:13.647 | -0.4 | | | | | T__ | | | | | | 6901276 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.12 | 54.0 | Sn | 06:50:27.293 | -1.6 | | | | | T__ | | | | | | 6901281 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/31 | 07:31:35.71 | 0.97 | 0.73 | 47.1027 | 18.0073 | 5.3 | 4.6 | 77 | 0.0f | | 10 | 8 | 118 | 0.24 | 1.02 | sx | BUD | 17002372 | BUD | | | 173 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.24 | 34.7 | Lg | 07:31:45.675 | -0.2 | | | | | T__ | | | | | | 6901382 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW3 | 0.29 | 16.1 | Lg | 07:31:47.099 | -0.4 | | | | | T__ | | | | | | 6901384 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.31 | 33.4 | Lg | 07:31:48.009 | -0.3 | | | | | T__ | | | | | | 6901385 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.33 | 282.1 | Pg | 07:31:43.334 | 0.5 | | | | | T__ | | 131.6 | | --- | ML | 1.3 | 6901379 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.33 | 282.1 | Lg | 07:31:47.376 | -1.0 | | | | | T__ | | | | | | 6901383 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.33 | 350.2 | Lg | 07:31:48.563 | -0.3 | | | | | T__ | | | | | | 6901386 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.34 | 30.5 | Lg | 07:31:48.563 | -0.6 | | | | | T__ | | | | | | 6901387 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 0.99 | 153.5 | Pg | 07:31:56.000 | 0.5 | | | | | T__ | | 21.9 | | --- | ML | 1.4 | 6901380 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.99 | 153.5 | Lg | 07:32:08.974 | -1.0 | | | | | T__ | | | | | | 6901378 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.02 | 176.4 | Lg | 07:32:10.579 | -0.6 | | | | | T__ | | | | | | 6901381 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/31 | 07:39:43.94 | 1.40 | 0.85 | 46.1149 | 22.8481 | 11.0 | 6.7 | 61 | 0.0f | | 8 | 6 | 143 | 0.23 | 0.99 | sx | BUD | 17002374 | BUD | | | 214 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.23 | 170.5 | Pg | 07:39:48.838 | 0.4 | | | | | T__ | | 808.0 | | --- | ML | 1.9 | 6901412 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.23 | 170.5 | Lg | 07:39:51.288 | -0.4 | | | | | T__ | | | | | | 6901411 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.68 | 352.1 | Lg | 07:40:08.196 | -0.7 | | | | | T__ | | | | | | 6901415 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.72 | 184.0 | Pg | 07:39:58.200 | 0.4 | | | | | T__ | | 80.3 | | _d | ML | 1.8 | 6901414 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.72 | 184.0 | Lg | 07:40:07.295 | -0.7 | | | | | T__ | | | | | | 6901413 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.84 | 280.9 | Lg | 07:40:13.143 | -0.1 | | | | | T__ | | | | | | 6901416 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 0.93 | 135.6 | Lg | 07:40:14.026 | -1.3 | | | | | T__ | | | | | | 6901417 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 0.99 | 240.4 | Lg | 07:40:16.591 | -0.7 | | | | | T__ | | | | | | 6901418 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/08/31 | 07:55:45.40 | 1.55 | 1.23 | 47.8066 | 19.1574 | 11.6 | 5.9 | 178 | 0.0f | | 7 | 5 | 215 | 0.10 | 1.45 | kx | BUD | 17002376 | BUD | | | 240 |
| 2021/08/31 | 07:55:45.82 | 1.01 | 1.17 | 47.8355 | 19.1270f | | | | 0.0f | | 7 | 5 | 197 | 0.07 | 1.41 | kx | BUD_GT | 17002377 | BUD_GT | | | 236 |

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 07:55:48.424 | 0.6 | | | | | T__ | | 1111.9 | | --- | ML | 1.6 | 6901438 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 07:55:49.240 | -0.5 | | | | | T__ | | | | | | 6901441 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.52 | 80.6 | Lg | 07:56:04.003 | -1.6 | | | | | T__ | | | | | | 6901442 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.69 | 343.6 | Pn | 07:56:00.855 | -1.0 | | | | | T__ | | 10.0 | | --- | ML | 0.9 | 6901444 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |

VYHS 0.69 343.6 Lg 07:56:10.192 0.1 T__ --- 6901439 FDSN SK -- BUD iLoc HHN ??? _
 (Reading ML: 0.9 magdef=1
 (Station ML: 0.9 magdef=1
 JOS 1.15 54.5 Sn 07:56:23.862 -1.9 T__ --- 6901440 FDSN ZJ -- BUD iLoc HHN ??? _
 JAVC 1.41 317.1 Sn 07:56:32.707 -0.7 T__ --- 6901443 FDSN CZ -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/08/31 08:23:06.73 0.88 0.69 48.4757 17.5178 5.5 3.0 137 0.0f 12 8 136 0.19 1.30 sx BUD 17002378 BUD 210

Magnitude Err Nsta Author OrigID
 ML 1.5 0.2 3 BUD 17002378

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
 MODS 0.19 237.6 Pg 08:23:11.651 0.5 T__ _c_ 6901470 FDSN SK -- BUD iLoc HHZ ??? _
 MODS 0.19 237.6 Lg 08:23:13.883 -0.9 T__ --- 6901472 FDSN SK -- BUD iLoc HHN ??? _
 ZST 0.39 224.9 Lg 08:23:19.924 -1.5 T__ --- 6901473 FDSN SK -- BUD iLoc HHN ??? _
 JAVC 0.40 14.7 Pg 08:23:15.353 0.1 T__ 125.3 --- ML 1.5 6901471 FDSN CZ -- BUD iLoc HHZ HHZ _
 JAVC 0.40 14.7 Lg 08:23:21.070 -0.8 T__ --- 6901474 FDSN CZ -- BUD iLoc HHN ??? _
 (Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1
 VYHS 0.88 88.3 Pg 08:23:24.780 0.3 T__ 13.1 --- ML 1.1 6901476 FDSN SK -- BUD iLoc HHZ HHZ _
 VYHS 0.88 88.3 Lg 08:23:37.085 -0.1 T__ --- 6901475 FDSN SK -- BUD iLoc HHN ??? _
 (Reading ML: 1.1 magdef=1
 (Station ML: 1.1 magdef=1
 KRUC 0.95 308.7 Lg 08:23:38.857 0.0 T__ --- 6901477 FDSN CZ -- BUD iLoc HHN ??? _
 RONA 1.13 227.0 Lg 08:23:43.928 0.2 T__ --- 6901478 FDSN OE -- BUD iLoc HHN ??? _
 CONA 1.24 244.3 Pn 08:23:30.755 -0.2 T__ 28.2 --- ML 1.6 6901480 FDSN OE -- BUD iLoc HHZ HHZ _
 CONA 1.24 244.3 Lg 08:23:47.089 0.1 T__ --- 6901479 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 MORC 1.30 0.7 Lg 08:23:49.270 0.2 T__ --- 6901481 FDSN CZ -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/08/31 08:27:58.29 1.51 1.53 48.5576 20.7828 14.4 3.8 4 0.0f 12 8 160 0.17 2.23 sx BUD 17002380 BUD 201

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 4 BUD 17002380

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
 JOS 0.17 249.2 Pg 08:28:02.306 0.3 T__ 284.9 --- ML 1.2 6901510 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 0.17 249.2 Lg 08:28:04.811 -0.1 T__ --- 6901511 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.2 magdef=1
 (Station ML: 1.2 magdef=1
 KECS 0.21 249.4 Pg 08:28:02.888 0.2 T__ 1130.8 --- ML 1.9 6901512 FDSN SK -- BUD iLoc EHZ EHZ _
 KECS 0.21 249.4 Lg 08:28:06.414 0.2 T__ --- 6901521 FDSN SK -- BUD iLoc EHN ??? _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1
 ABAH 0.40 130.5 Pg 08:28:07.534 1.0 T__ 52.8 --- ML 1.1 6901513 FDSN HU -- BUD iLoc HHZ HHZ _
 ABAH 0.40 130.5 Lg 08:28:11.727 -1.8 T__ --- 6901514 FDSN HU -- BUD iLoc HHE ??? _
 (Reading ML: 1.1 magdef=1

(Station ML: 1.1 magdef=1

| | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|--|--|------|--|--|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| PSZ | 0.87 | 223.2 | Lg | 08:28:28.398 | -1.4 | T__ | | | | | | | | 6901515 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 1.06 | 68.6 | Lg | 08:28:32.367 | -2.4 | T__ | | | | | | | | 6901516 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| TRPA | 1.25 | 109.4 | Sn | 08:28:38.865 | -2.0 | T__ | | | | | | | | 6901517 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.30 | 267.9 | Pn | 08:28:23.335 | 0.6 | T__ | | | 11.5 | | | | ML | 1.3 | 6901519 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.30 | 267.9 | Sn | 08:28:40.758 | -1.4 | T__ | | | | | | | | 6901518 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.3 magdef=1

(Station ML: 1.3 magdef=1

| | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|-----|-----|--|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| HU08A | 2.23 | 240.7 | Sn | 08:29:05.959 | 1.6 | T__ | | | | | | | | 6901520 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
|-------|------|-------|----|--------------|-----|-----|--|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/31 | 10:00:23.01 | 1.02 | 0.90 | 48.1882 | 16.9914 | 8.3 | 4.4 | 151 | 0.0f | | 9 | 6 | 142 | 0.07 | 1.27 | sx | BUD | 17002382 | BUD | | | 169 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| ZST | 0.07 | 83.9 | Pg | 10:00:25.524 | 0.4 | | | | | T__ | | | | | | 6901562 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| ZST | 0.07 | 83.9 | Lg | 10:00:26.599 | -0.5 | | | | | T__ | | | | | | 6901565 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 0.27 | 45.7 | Pg | 10:00:29.316 | 0.4 | | | | | T__ | | | | | | 6901561 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.27 | 45.7 | Lg | 10:00:33.332 | -0.4 | | | | | T__ | | | | | | 6901563 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| RONA | 0.68 | 224.0 | Lg | 10:00:44.896 | -0.6 | | | | | T__ | | | | | | 6901566 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| CONA | 0.80 | 251.5 | Lg | 10:00:49.386 | 0.0 | | | | | T__ | | | | | | 6901567 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 0.81 | 33.7 | Lg | 10:00:51.603 | -0.6 | | | | | T__ | | | | | | 6901564 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.27 | 75.3 | Pn | 10:00:47.423 | 0.0 | | | | | T__ | | | | | | 6901569 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.27 | 75.3 | Sn | 10:01:04.520 | -1.8 | | | | | T__ | | | | | | 6901568 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

(Reading ML: 1.3 magdef=1

(Station ML: 1.3 magdef=0

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/31 | 10:23:18.93 | 1.05 | 0.74 | 47.3786 | 18.2413 | 5.5 | 4.3 | 33 | 0.0f | | 6 | 5 | 133 | 0.02 | 0.28 | sx | BUD | 17002384 | BUD | | | 233 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.02 | 40.0 | Lg | 10:23:21.706 | 0.8 | | | | | T__ | | | | | | 6902094 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.02 | 139.9 | Pg | 10:23:19.994 | 0.2 | | | | | T__ | | 1205.5 | | | ML | 1.4 | 6902090 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.02 | 139.9 | Lg | 10:23:20.702 | -0.4 | | | | | T__ | | | | | | 6902092 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.4 magdef=1

(Station ML: 1.4 magdef=0

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|--|--|--|--|-----|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| MSW3 | 0.08 | 273.4 | Lg | 10:23:23.420 | 0.1 | | | | | T__ | | | | | | 6902095 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| HU08A | 0.22 | 283.9 | Lg | 10:23:27.976 | -0.2 | | | | | T__ | | | | | | 6902091 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU09A | 0.28 | 20.1 | Lg | 10:23:29.246 | -0.9 | | | | | T__ | | | | | | 6902093 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/08/31 | 10:31:38.86 | 1.29 | 1.27 | 47.3578 | 18.3630 | 7.4 | 5.6 | 118 | 0.0f | | 16 | 12 | 109 | 0.07 | 1.57 | sx | BUD | 17002386 | BUD | | | 154 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 4 BUD | 17002386 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.07 | 274.4 | Pg | 10:31:41.482 | 0.5 | | | | | T__ | | 2483.0 | | _d | ML | 1.9 | 6902149 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.07 | 274.4 | Lg | 10:31:42.626 | -0.4 | | | | | T__ | | | | | | 6902150 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 296.5 | Pg | 10:31:42.167 | 1.1 | | | | | T__ | | 1394.7 | | --- | ML | 1.7 | 6902163 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 296.5 | Lg | 10:31:42.980 | -0.4 | | | | | T__ | | | | | | 6902164 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.16 | 279.0 | Lg | 10:31:45.419 | -0.7 | | | | | T__ | | | | | | 6902165 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.28 | 2.7 | Lg | 10:31:48.749 | -1.5 | | | | | T__ | | | | | | 6902154 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.31 | 284.0 | Lg | 10:31:50.055 | -1.0 | | | | | T__ | | | | | | 6902155 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.59 | 251.8 | Lg | 10:31:59.093 | -1.0 | | | | | T__ | | | | | | 6902156 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A266A | 0.84 | 184.7 | Lg | 10:32:07.260 | -0.6 | | | | | T__ | | | | | | 6902157 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.16 | 170.3 | Sn | 10:32:17.387 | -1.2 | | | | | T__ | | | | | | 6902158 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.18 | 61.0 | Pn | 10:32:02.199 | 0.5 | | | | | T__ | | 42.6 | | --- | ML | 1.8 | 6902153 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.18 | 61.0 | Sn | 10:32:18.150 | -1.7 | | | | | T__ | | | | | | 6902159 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.18 | 15.5 | Pn | 10:32:02.090 | 0.4 | | | | | T__ | | 13.3 | | --- | ML | 1.3 | 6902152 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.18 | 15.5 | Sn | 10:32:18.041 | -1.9 | | | | | T__ | | | | | | 6902160 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.25 | 324.7 | Sn | 10:32:19.783 | -1.9 | | | | | T__ | | | | | | 6902161 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 1.57 | 343.1 | Sn | 10:32:31.544 | 1.3 | | | | | T__ | | | | | | 6902162 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|--------------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|
| 2021/09/01 | 06:13:58.48 | 1.69 | 1.26 | 47.8084 | 19.8614 | 12.2 | 4.0 | 171 | 0.0f | 13 | 8 | 212 | | 0.11 | 1.05 | kx | BUD | 17002398 | BUD | | | 236 | |
| 2021/09/01 | 06:13:58.65 | 0.88 | 1.44 | 47.8362 | 19.9346f | | | | 0.0f | 13 | 8 | 209 | | 0.09 | 0.99 | kx | BUD_GT | 17002399 | BUD_GT | | | 225 | |
| (locality : Gyöngyössolymos Hungary) | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.4 | 0.2 | 5 BUD_GT | 17002399 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.09 | 341.8 | Pg | 06:14:02.329 | 1.1 | | | | | T__ | | 2285.3 | | --- | ML | 1.9 | 6904944 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.09 | 341.8 | Lg | 06:14:03.418 | -0.1 | | | | | T__ | | | | | | 6904945 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.24 | 286.8 | Pg | 06:14:04.554 | 0.6 | | | | | T__ | | 287.3 | | --- | ML | 1.4 | 6904946 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.24 | 286.8 | Lg | 06:14:05.752 | -2.2 | | | | | T__ | | | | | | 6904949 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.49 | 54.0 | Pg | 06:14:10.431 | 1.3 | | | | | T__ | | 32.8 | | --- | ML | 1.2 | 6904951 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.49 | 54.0 | Lg | 06:14:17.455 | 0.3 | | | | | T__ | | | | | | 6904950 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.62 | 271.2 | Lg | 06:14:18.304 | -3.2 | | | | | T__ | | | | | | 6904952 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.75 | 29.5 | Lg | 06:14:25.447 | 0.5 | | | | | T__ | | | | | | 6904953 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.77 | 31.3 | Pn | 06:14:16.441 | 0.8 | | | | | T__ | | 42.8 | | --- | ML | 1.6 | 6904947 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.77 | 31.3 | Lg | 06:14:26.623 | 0.7 | | | | | T__ | | | | | | 6904954 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 VYHS 0.99 312.2 Pg 06:14:18.367 -0.3 T__ 9.6 ___ ML 1.0 6904956 FDSN SK -- BUD iLoc HHZ HHZ _
 VYHS 0.99 312.2 Lg 06:14:30.998 -2.1 T__ ___ 6904955 FDSN SK -- BUD iLoc HHN ??? _
 (Reading ML: 1.0 magdef=1
 (Station ML: 1.0 magdef=0
 ABAH 0.99 61.8 Sn 06:14:34.332 -0.0 T__ ___ 6904948 FDSN HU -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/09/01 | 06:47:58.22 | 1.14 | 1.07 | 47.9111 | 19.8443 | 10.9 | 4.9 | 170 | 0.0f | 7 | 6 | 189 | 0.03 | 0.89 | kx | BUD | 17002400 | BUD | | | | 233 |
| 2021/09/01 | 06:47:56.86 | 0.98 | 1.24 | 47.8362 | 19.9346f | | | | 0.0f | 7 | 6 | 232 | 0.09 | 0.99 | kx | BUD_GT | 17002401 | BUD_GT | | | | 258 |

(locality : Gyöngyössolymos Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.09 | 341.8 | Pg | 06:48:00.193 | 0.8 | | | | | T__ | | 852.2 | | ___ | ML | 1.5 | 6904981 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.09 | 341.8 | Lg | 06:48:01.009 | -0.7 | | | | | T__ | | | | --- | | 6904982 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.24 | 286.8 | Lg | 06:48:04.367 | -1.8 | | | | | T__ | | | | --- | | 6904983 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.49 | 54.0 | Lg | 06:48:15.251 | -0.1 | | | | | T__ | | | | --- | | 6904984 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.75 | 29.5 | Lg | 06:48:23.455 | 0.3 | | | | | T__ | | | | --- | | 6904985 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.77 | 31.3 | Lg | 06:48:24.532 | 0.4 | | | | | T__ | | | | --- | | 6904986 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.99 | 312.2 | Lg | 06:48:29.152 | -2.1 | | | | | T__ | | | | --- | | 6904987 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/09/01 | 07:05:51.43 | 1.55 | 1.34 | 48.0254 | 20.7187 | 9.7 | 6.1 | 0 | 0.0f | 7 | 4 | 207 | 0.44 | 0.56 | kx | BUD | 17002402 | BUD | | | | 289 |
| 2021/09/01 | 07:05:52.29 | 0.99 | 1.20 | 48.0750 | 20.6990f | | | | 0.0f | 7 | 4 | 195 | 0.42 | 0.56 | kx | BUD_GT | 17002403 | BUD_GT | | | | 282 |

(locality : Miskolc-Mexikóvölgy Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.2 0.0 3 BUD_GT 17002403

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.42 | 58.4 | Pg | 07:06:01.092 | 0.0 | | | | | T__ | | 56.6 | | ___ | ML | 1.2 | 6905009 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.42 | 58.4 | Lg | 07:06:06.869 | -1.6 | | | | | T__ | | | | --- | | 6905008 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.43 | 340.8 | Pg | 07:06:02.067 | 0.9 | | | | | T__ | | 205.0 | | ___ | ML | 1.8 | 6905007 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.43 | 340.8 | Lg | 07:06:07.727 | -0.1 | | | | | T__ | | | | --- | | 6905010 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.43 | 345.9 | Pg | 07:06:02.167 | 1.1 | | | | | T__ | | 53.5 | | ___ | ML | 1.2 | 6905006 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.43 | 345.9 | Lg | 07:06:07.841 | -0.1 | | | | | T__ | | | | --- | | 6905011 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.56 | 254.1 | Lg | 07:06:11.369 | -2.0 | | | | | T__ | | | | --- | | 6905012 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/01 | 08:54:01.99 | 1.13 | 1.27 | 46.9449 | 17.3737 | 9.5 | 4.8 | 152 | 0.0f | | 7 | 4 | 123 | 0.15 | 1.14 | sx | BUD | 17002404 | BUD | | | 237 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 3 BUD | 17002404 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.15 | 272.7 | Pg | 08:54:06.250 | 0.5 | | | | | T__ | | 6789.7 | | ___ | ML | 2.6 | 6905100 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.15 | 272.7 | Lg | 08:54:07.950 | -0.8 | | | | | T__ | | | | --- | | 6905101 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.25 | 26.6 | Pg | 08:54:08.414 | 0.7 | | | | | T__ | | 283.4 | | ___ | ML | 1.5 | 6905094 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.25 | 26.6 | Lg | 08:54:10.864 | -1.4 | | | | | T__ | | | | --- | | 6905095 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.99 | 149.4 | Pn | 08:54:21.739 | -0.3 | | | | | T__ | | 34.5 | | ___ | ML | 1.6 | 6905097 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.99 | 149.4 | Lg | 08:54:35.460 | -0.7 | | | | | T__ | | | | --- | | 6905096 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.14 | 129.4 | Sn | 08:54:39.196 | -1.6 | | | | | T__ | | | | --- | | 6905102 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/09/01 | 10:00:27.06 | 0.90 | 0.81 | 48.1533 | 16.9304 | 7.7 | 3.4 | 140 | 0.0f | | 12 | 9 | 149 | 0.12 | 1.32 | sx | BUD | 17002406 | BUD | | | | 153 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZST | 0.12 | 69.5 | Pg | 10:00:30.881 | 0.8 | | | | | T__ | | | | --- | | 6905155 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.12 | 69.5 | Lg | 10:00:32.405 | -0.4 | | | | | T__ | | | | --- | | 6905154 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.32 | 46.3 | Lg | 10:00:38.350 | -1.3 | | | | | T__ | | | | --- | | 6905156 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.62 | 223.5 | Pg | 10:00:39.305 | -0.3 | | | | | T__ | | 40.4 | | ___ | ML | 1.5 | 6905160 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.62 | 223.5 | Lg | 10:00:47.417 | -0.5 | | | | | T__ | | | | --- | | 6905159 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.75 | 253.0 | Lg | 10:00:51.991 | 0.1 | | | | | T__ | | | | --- | | 6905153 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.86 | 34.6 | Lg | 10:00:56.665 | -1.4 | | | | | T__ | | | | --- | | 6905161 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 0.98 | 338.9 | Lg | 10:01:00.556 | 0.3 | | | | | T__ | | | | --- | | 6905162 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| VRAC | 1.18 | 349.2 | Lg | 10:01:06.549 | -0.1 | | | | | T__ | | | | --- | | 6905163 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 1.31 | 227.0 | Pn | 10:00:52.061 | -0.2 | | | | | T__ | | 36.3 | | ___ | ML | 1.8 | 6905157 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 1.31 | 227.0 | Lg | 10:01:09.238 | 0.4 | | | | | T__ | | | | --- | | 6905164 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.32 | 74.3 | Sn | 10:01:10.526 | -1.0 | | | | | T__ | | | | --- | | 6905158 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|-----|
| 2021/09/01 | 10:41:22.45 | 1.58 | 0.81 | 47.9078 | 20.1469 | 18.9 | 3.6 | 156 | 0.0f | | 7 | 4 | 211 | 0.17 | 0.64 | kx | BUD | 17002408 | BUD | | | | 237 |
| 2021/09/01 | 10:41:22.02 | 0.97 | 0.92 | 47.8650 | 20.1529f | | | | 0.0f | | 7 | 4 | 230 | 0.18 | 0.68 | kx | BUD_GT | 17002409 | BUD_GT | | | | 252 |

(locality : Kiszána Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 10:41:27.237 | 0.7 | | | | | T__ | | 242.2 | | --- | ML | 1.2 | 6905184 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 10:41:29.138 | -1.0 | | | | | T__ | | | | --- | | 6905187 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 10:41:27.161 | 0.7 | | | | | T__ | | 154.9 | | --- | ML | 1.0 | 6905185 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 10:41:29.923 | -0.1 | | | | | T__ | | | | --- | | 6905186 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 10:41:30.135 | 0.3 | | | | | T__ | | | | --- | | 6905189 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ | |
| HU02A | 0.36 | 44.0 | Lg | 10:41:34.585 | -1.4 | | | | | T__ | | | | --- | | 6905188 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.68 | 22.1 | Lg | 10:41:45.135 | -1.0 | | | | | T__ | | | | --- | | 6905190 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/01 | 11:55:25.10 | 1.00 | 0.53 | 47.8914 | 16.0955 | 6.7 | 3.9 | 22 | 0.0f | | 8 | 6 | 109 | 0.16 | 1.51 | sx | BUD | 17002410 | BUD | | | 196 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.16 | 283.3 | Pg | 11:55:28.932 | 0.4 | | | | | T__ | | 230.0 | | --- | ML | 1.1 | 6905211 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.16 | 283.3 | Lg | 11:55:30.372 | -0.6 | | | | | T__ | | | | --- | | 6905212 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.23 | 144.7 | Pg | 11:55:30.432 | 0.4 | | | | | T__ | | 84.7 | | --- | ML | 0.9 | 6905214 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.23 | 144.7 | Lg | 11:55:33.118 | -0.4 | | | | | T__ | | | | --- | | 6905213 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.70 | 258.2 | Lg | 11:55:47.443 | -0.1 | | | | | T__ | | | | --- | | 6905215 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.75 | 211.4 | Lg | 11:55:48.456 | -0.6 | | | | | T__ | | | | --- | | 6905216 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.93 | 58.2 | Lg | 11:55:57.797 | -0.5 | | | | | T__ | | | | --- | | 6905217 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| CKRC | 1.51 | 308.6 | Sn | 11:56:13.586 | 0.1 | | | | | T__ | | | | --- | | 6905218 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/01 | 12:55:20.75 | 1.15 | 0.59 | 45.9610 | 22.9249 | 17.3 | 4.5 | 90 | 0.0f | | 6 | 4 | 158 | 0.08 | 0.84 | sx | BUD | 17002412 | BUD | | | 299 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.08 | 191.0 | Pg | 12:55:22.417 | 0.2 | | | | | T__ | | 1205.9 | | --- | ML | 1.6 | 6905254 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.08 | 191.0 | Lg | 12:55:23.451 | 0.1 | | | | | T__ | | | | --- | | 6905253 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.58 | 190.4 | Lg | 12:55:39.369 | -0.7 | | | | | T__ | | | | --- | | 6905255 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 0.78 | 130.6 | Lg | 12:55:47.161 | -0.2 | | | | | T__ | | | | --- | | 6905256 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| DRGR | 0.84 | 350.0 | Pg | 12:55:37.877 | 0.2 | | | | | T__ | | 30.5 | | --- | ML | 1.5 | 6905258 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.84 | 350.0 | Lg | 12:55:49.881 | -0.6 | | | | | T__ | | | | --- | | 6905257 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/01 | 18:37:31.16 | 1.08 | 0.79 | 47.5497 | 16.3691 | 6.6 | 4.0 | 142 | 0.0f | | 10 | 7 | 199 | 0.16 | 1.51 | sx | BUD | 17002414 | BUD | | | 206 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.6 | 0.1 | 5 BUD | 17002414 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.16 | 341.9 | Pg | 18:37:34.471 | -0.2 | | | | | T__ | | 75.3 | | _c_ | ML | 0.6 | 6905285 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.16 | 341.9 | Lg | 18:37:36.773 | -0.5 | | | | | T__ | | | | --- | | 6905286 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.19 | 43.7 | Pg | 18:37:35.565 | 0.3 | | | | | T__ | | 54.0 | | --- | ML | 0.5 | 6905287 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.19 | 43.7 | Lg | 18:37:38.078 | -0.1 | | | | | T__ | | | | --- | | 6905288 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AO11B | 0.31 | 243.3 | Pg | 18:37:37.912 | 0.5 | | | | | T__ | | 19.2 | | --- | ML | 0.5 | 6905293 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.51 | 318.1 | Pg | 18:37:42.265 | 0.9 | | | | | T__ | | 19.7 | | --- | ML | 1.0 | 6905290 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.51 | 318.1 | Lg | 18:37:49.017 | 0.8 | | | | | T__ | | | | --- | | 6905291 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.65 | 242.8 | Lg | 18:37:50.361 | -1.5 | | | | | T__ | | | | --- | | 6905294 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.03 | 36.2 | Pg | 18:37:51.818 | -0.2 | | | | | T__ | | | | --- | | 6905289 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KRUC | 1.51 | 0.6 | Pn | 18:37:58.748 | -0.2 | | | | | T__ | | 24.6 | | --- | ML | 1.7 | 6905292 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/02 | 07:03:56.66 | 1.33 | 0.77 | 47.9840 | 16.6386 | 10.3 | 4.7 | 130 | 0.0f | | 9 | 8 | 171 | 0.37 | 1.11 | sx | BUD | 17002416 | BUD | | | 181 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.37 | 219.2 | Lg | 07:04:08.214 | -1.1 | | | | | T__ | | | | --- | | 6905322 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 0.53 | 264.2 | Pg | 07:04:07.255 | 0.1 | | | | | T__ | | 34.4 | | --- | ML | 1.3 | 6905321 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.53 | 264.2 | Lg | 07:04:13.584 | -0.6 | | | | | T__ | | | | --- | | 6905323 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.58 | 47.4 | Lg | 07:04:18.035 | 0.0 | | | | | T__ | | | | --- | | 6905324 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| AO11B | 0.74 | 218.8 | Lg | 07:04:20.709 | 0.3 | | | | | T__ | | | | --- | | 6905325 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| ARSA | 1.05 | 226.2 | Lg | 07:04:31.057 | 0.8 | | | | | T__ | | | | --- | | 6905326 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| AO18A | 1.08 | 257.7 | Lg | 07:04:31.972 | 0.9 | | | | | T__ | | | | --- | | 6905327 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.09 | 351.6 | Lg | 07:04:33.491 | -0.2 | | | | | T__ | | | | --- | | 6905328 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 1.11 | 37.7 | Sn | 07:04:35.721 | -0.6 | | | | | T__ | | | | --- | | 6905329 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/02 | 07:41:09.92 | 4.22 | 0.79 | 46.8299 | 22.8066 | 48.1 | 18.0 | 167 | 0.0f | 7 | 4 | 274 | 0.08 | 1.54 | sx | BUD | 17002418 | BUD | | | | 301 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.0 | 3 BUD | 17002418 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.08 | 239.8 | Pg | 07:41:11.783 | -0.1 | | | | | T__ | | 551.8 | | ___ | ML | 1.3 | 6905379 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.08 | 239.8 | Lg | 07:41:13.682 | 0.1 | | | | | T__ | | | | --- | | 6905381 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.44 | 180.8 | Pn | 07:41:37.255 | 0.5 | | | | | T__ | | 27.6 | | ___ | ML | 1.7 | 6905380 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.44 | 180.8 | Sn | 07:41:56.598 | -0.5 | | | | | T__ | | | | --- | | 6905382 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.47 | 214.7 | Pn | 07:41:37.301 | 0.5 | | | | | T__ | | 26.3 | | ___ | ML | 1.7 | 6905384 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.47 | 214.7 | Sn | 07:41:57.370 | 0.1 | | | | | T__ | | | | --- | | 6905383 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.54 | 153.8 | Sn | 07:41:58.759 | -1.3 | | | | | T__ | | | | --- | | 6905385 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/09/02 | 08:31:27.42 | 1.21 | 1.05 | 48.4461 | 21.7360 | 12.4 | 5.0 | 178 | 0.0f | 8 | 6 | 125 | 0.36 | 0.87 | sx | BUD | 17002420 | BUD | | | | | 209 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.36 | 245.8 | Lg | 08:31:41.247 | -0.1 | | | | | T__ | | | | --- | | 6905460 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 0.60 | 35.9 | Lg | 08:31:48.116 | -0.9 | | | | | T__ | | | | --- | | 6905461 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| TRPA | 0.62 | 120.2 | Pg | 08:31:40.243 | 0.6 | | | | | T__ | | 111.7 | | ___ | ML | 1.9 | 6905463 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.62 | 120.2 | Lg | 08:31:48.579 | -1.7 | | | | | T__ | | | | --- | | 6905462 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.80 | 274.0 | Lg | 08:31:55.912 | 0.7 | | | | | T__ | | | | --- | | 6905464 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.83 | 273.0 | Lg | 08:31:56.972 | 0.5 | | | | | T__ | | | | --- | | 6905459 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU02A | 0.87 | 248.6 | Pg | 08:31:45.190 | -0.2 | | | | | T__ | | 52.1 | | ___ | ML | 1.7 | 6905458 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.87 | 248.6 | Lg | 08:31:58.150 | -0.7 | | | | | T__ | | | | --- | | 6905465 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|-----|
| 2021/09/02 | 09:04:28.42 | 1.37 | 1.12 | 48.2121 | 21.2443 | 8.8 | 4.9 | 136 | 0.0f | 17 | 12 | 71 | 0.08 | 1.73 | kx | BUD | 17002422 | BUD | | | | | 121 |
| 2021/09/02 | 09:04:28.66 | 0.91 | 1.07 | 48.2470 | 21.2460f | | | | 0.0f | 17 | 12 | 70 | 0.05 | 1.76 | kx | BUD_GT | 17002423 | BUD_GT | | | | | 118 |

(locality : Táallya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.9 | 0.2 | 5 BUD_GT | 17002423 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|

| | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|----------------------------|------|-----|---------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 09:04:31.228 | 1.0 | T__ | 14716.9 | ___ | ML | 2.6 | 6905498 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 09:04:31.614 | -0.2 | T__ | | --- | | | 6905501 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 09:04:39.385 | 0.2 | T__ | 123.0 | ___ | ML | 1.8 | 6905503 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 09:04:45.868 | -1.5 | T__ | | --- | | | 6905502 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 09:04:40.593 | 1.2 | T__ | 93.0 | ___ | ML | 1.7 | 6905499 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 09:04:47.231 | -0.3 | T__ | | --- | | | 6905504 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 09:04:40.513 | 0.6 | T__ | 313.7 | ___ | ML | 2.3 | 6905506 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 09:04:48.077 | -0.4 | T__ | | --- | | | 6905505 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| | | | | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Lg | 09:04:58.592 | -1.5 | T__ | | --- | | | 6905507 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| PSZ | 0.96 | 250.6 | Pg | 09:04:48.919 | -0.1 | T__ | 75.1 | ___ | ML | 1.9 | 6905509 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 09:05:01.346 | -2.1 | T__ | | --- | | | 6905508 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Lg | 09:05:01.738 | -1.2 | T__ | | --- | | | 6905510 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 0.99 | 248.7 | Lg | 09:05:02.295 | -1.7 | T__ | | --- | | | 6905511 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| BSZH | 1.16 | 215.2 | Sn | 09:05:06.997 | -1.2 | T__ | | --- | | | 6905512 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| NIE | 1.33 | 332.3 | Lg | 09:05:12.434 | -0.8 | T__ | | --- | | | 6905500 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| VYHS | 1.63 | 279.6 | Sn | 09:05:20.606 | 0.2 | T__ | | --- | | | 6905513 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| DRGR | 1.76 | 145.2 | Sn | 09:05:23.969 | 0.2 | T__ | | --- | | | 6905514 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/02 | 09:51:26.97 | 0.84 | 1.20 | 47.3640 | 18.3786 | 4.1 | 2.7 | 140 | 0.0f | | 31 | 24 | 95 | 0.08 | 1.95 | sx | BUD | 17002424 | BUD | | | 107 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 7 BUD | 17002424 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------|---------|---------|------|------|-----|------|------|-----|-----|---|
| CSKK | 0.08 | 269.4 | Pg | 09:51:29.478 | 0.2 | | | | | T__ | | 5582.6 | | | ___ | ML | 2.3 | 6905635 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.08 | 269.4 | Lg | 09:51:30.958 | -0.6 | | | | | T__ | | | | | --- | | 6905636 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.09 | 289.6 | Pg | 09:51:29.707 | 0.4 | | | | | T__ | | 3531.8 | | | ___ | ML | 2.1 | 6905637 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.09 | 289.6 | Lg | 09:51:30.958 | -0.8 | | | | | T__ | | | | | --- | | 6905638 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.13 | 241.6 | Pg | 09:51:29.988 | -0.2 | | | | | T__ | | 1172.6 | | | ___ | ML | 1.7 | 6905639 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.13 | 241.6 | Lg | 09:51:30.958 | -2.2 | | | | | T__ | | | | | --- | | 6905640 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.27 | 0.5 | Lg | 09:51:37.832 | -0.3 | | | | | T__ | | | | | --- | | 6905619 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.32 | 282.5 | Lg | 09:51:38.913 | -0.5 | | | | | T__ | | | | | --- | | 6905620 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| A267A | 0.42 | 170.4 | Lg | 09:51:42.309 | -0.7 | | | | | T__ | | | | | --- | | 6905621 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| BUD | 0.45 | 74.5 | Lg | 09:51:43.404 | -1.1 | | | | | T__ | | | | | --- | | 6905609 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.60 | 251.6 | Pg | 09:51:40.780 | 1.4 | | | | | T__ | | 78.7 | | | ___ | ML | 1.7 | 6905611 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| MPLH | 0.60 | 251.6 | Lg | 09:51:47.804 | -0.8 | T__ | --- | 6905610 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.65 | 41.7 | Pg | 09:51:41.320 | 0.8 | T__ | 128.8 | --- | ML | 2.0 | 6905612 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.65 | 41.7 | Lg | 09:51:49.564 | -1.5 | T__ | --- | --- | --- | 6905623 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A338A | 0.65 | 358.5 | Lg | 09:51:49.410 | -1.9 | T__ | --- | --- | --- | 6905622 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| EGYH | 0.71 | 274.7 | Lg | 09:51:51.880 | -0.4 | T__ | --- | --- | --- | 6905624 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A266A | 0.84 | 185.4 | Lg | 09:51:56.202 | 0.0 | T__ | --- | --- | --- | 6905625 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A261A | 0.94 | 244.3 | Lg | 09:51:59.599 | 0.8 | T__ | --- | --- | --- | 6905626 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.13 | 62.4 | Sn | 09:52:05.774 | -0.7 | T__ | --- | --- | --- | 6905627 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.16 | 170.9 | Sn | 09:52:05.465 | -1.3 | T__ | --- | --- | --- | 6905630 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.17 | 61.0 | Pn | 09:51:50.645 | 1.0 | T__ | 49.9 | --- | ML | 1.8 | 6905629 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.17 | 61.0 | Sn | 09:52:07.163 | -0.5 | T__ | --- | --- | --- | 6905628 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.17 | 15.1 | Pn | 09:51:52.126 | 2.4 | T__ | 14.4 | --- | ML | 1.3 | 6905615 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.17 | 15.1 | Lg | 09:52:06.638 | -1.1 | T__ | --- | --- | --- | 6905614 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MODS | 1.25 | 324.1 | Sn | 09:52:09.170 | -0.7 | T__ | --- | --- | --- | 6905631 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.29 | 188.6 | Sn | 09:52:10.188 | 0.2 | T__ | --- | --- | --- | 6905616 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.45 | 284.2 | Sn | 09:52:14.264 | 0.2 | T__ | --- | --- | --- | 6905632 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 1.57 | 342.7 | Sn | 09:52:17.907 | -0.4 | T__ | --- | --- | --- | 6905617 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 1.64 | 61.6 | Sn | 09:52:20.285 | 1.5 | T__ | --- | --- | --- | 6905633 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| A011B | 1.64 | 272.4 | Sn | 09:52:18.833 | 0.5 | T__ | --- | --- | --- | 6905618 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| ARSA | 1.95 | 267.7 | Sn | 09:52:28.467 | 2.9 | T__ | --- | --- | --- | 6905634 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/02 | 10:03:57.98 | 0.95 | 1.00 | 46.0386 | 22.3461 | 5.9 | 4.4 | 36 | 0.0f | 10 | 7 | 82 | 0.42 | 1.16 | sx | BUD | 17002426 | BUD | | | 147 | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 3 BUD | 17002426 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|-----|------|------|------|-----|-----|---|
| DEV | 0.42 | 111.6 | Lg | 10:04:11.401 | -0.4 | | | | | | | | | | 6905680 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| SIRR | 0.53 | 295.9 | Pg | 10:04:09.703 | 0.7 | | | | | | | 62.1 | | --- | ML | 1.6 | 6905682 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.53 | 295.9 | Lg | 10:04:16.032 | -1.4 | | | | | | | | | --- | --- | 6905681 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.66 | 230.7 | Lg | 10:04:19.737 | -0.7 | | | | | | | | | --- | --- | 6905678 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.71 | 154.8 | Pg | 10:04:12.272 | 0.6 | | | | | | | 61.1 | | --- | ML | 1.7 | 6905677 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.71 | 154.8 | Lg | 10:04:20.917 | -0.8 | | | | | | | | | --- | --- | 6905676 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.79 | 18.4 | Pg | 10:04:13.970 | 0.0 | | | | | | | 59.9 | | --- | ML | 1.7 | 6905675 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.79 | 18.4 | Lg | 10:04:26.221 | 0.2 | | | | | | | | | --- | --- | 6905683 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 1.10 | 51.6 | Lg | 10:04:35.946 | 0.5 | | | | | | | | | --- | --- | 6905684 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| LOT | 1.16 | 120.1 | Lg | 10:04:35.329 | -1.6 | | | | | | | | | --- | --- | 6905679 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/02 | 10:13:31.72 | 1.10 | 1.21 | 48.4318 | 19.5379 | 6.1 | 5.0 | 14 | 0.0f | | 11 | 8 | 119 | 0.47 | 1.31 | sx | BUD | 17002428 | BUD | | | 154 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 3 BUD | 17002428 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VVHS | 0.47 | 277.8 | Lg | 10:13:47.871 | -0.6 | | | | | T__ | | | | | | 6905713 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.57 | 155.0 | Lg | 10:13:52.502 | -0.3 | | | | | T__ | | | | | | 6905714 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.60 | 157.9 | Lg | 10:13:52.965 | -0.4 | | | | | T__ | | | | | | 6905715 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.63 | 85.0 | Pg | 10:13:45.092 | 0.7 | | | | | T__ | | 83.0 | | | | 6905717 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 0.63 | 85.0 | Lg | 10:13:53.120 | -0.9 | | | | | T__ | | | | | | 6905716 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.67 | 84.1 | Pg | 10:13:46.293 | 1.2 | | | | | T__ | | 47.7 | | | ML | 1.6 | 6905711 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.67 | 84.1 | Lg | 10:13:54.663 | -0.5 | | | | | T__ | | | | | | 6905718 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.73 | 114.8 | Pg | 10:13:47.253 | 0.4 | | | | | T__ | | 28.1 | | | ML | 1.4 | 6905719 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.73 | 114.8 | Lg | 10:13:56.790 | -1.5 | | | | | T__ | | | | | | 6905712 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.11 | 26.7 | Lg | 10:14:07.939 | -0.9 | | | | | T__ | | | | | | 6905720 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| JAVC | 1.31 | 289.7 | Sn | 10:14:14.578 | -2.2 | | | | | T__ | | | | | | 6905721 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/02 | 11:08:23.32 | 2.84 | 0.44 | 48.4528 | 20.6548 | 21.7 | 7.6 | 70 | 0.0f | | 5 | 3 | 255 | 0.09 | 0.34 | sx | BUD | 17002430 | BUD | | | 345 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.09 | 299.3 | Pg | 11:08:25.237 | -0.1 | | | | | T__ | | 35.7 | | | ML | 0.1 | 6905741 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.09 | 299.3 | Lg | 11:08:27.398 | 0.4 | | | | | T__ | | | | | | 6905742 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.12 | 285.2 | Pg | 11:08:25.636 | -0.3 | | | | | T__ | | 78.6 | | | ML | 0.5 | 6905744 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.12 | 285.2 | Lg | 11:08:28.260 | 0.2 | | | | | T__ | | | | | | 6905743 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.34 | 194.7 | Lg | 11:08:36.866 | 0.3 | | | | | T__ | | | | | | 6905745 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/02 | 11:11:28.24 | 1.68 | 1.63 | 48.5594 | 20.9757 | 15.7 | 8.5 | 157 | 0.0f | | 5 | 4 | 168 | 0.30 | 0.94 | sx | BUD | 17002432 | BUD | | | 316 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| JOS | 0.30 | 257.8 | Pg | 11:11:35.051 | 0.7 | | | | | T__ | | 102.1 | | | ML | 1.1 | 6905762 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JOS | 0.30 | 257.8 | Lg | 11:11:38.138 | -0.9 | T__ | --- | 6905765 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | |
| KECS | 0.33 | 257.0 | Lg | 11:11:39.104 | -1.2 | T__ | --- | 6905766 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| HU02A | 0.53 | 214.7 | Lg | 11:11:47.367 | -0.6 | T__ | --- | 6905763 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| KOLS | 0.94 | 66.0 | Lg | 11:11:59.670 | -1.5 | T__ | --- | 6905764 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/02 | 18:32:11.59 | 1.90 | 0.34 | 48.3712 | 20.4828 | 32.2 | 4.2 | 115 | 0.0f | 6 | 3 | 204 | 0.11 | 0.60 | ke | BUD | 17002438 | BUD | | | | 344 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.6 | 0.6 | 3 BUD | 17002438 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| KECS | 0.11 | 1.0 | Pg | 18:32:14.312 | 0.2 | | | | | T__ | | 94.7 | | --- | ML | 0.6 | 6905894 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 0.11 | 1.0 | Lg | 18:32:16.063 | -0.1 | | | | | T__ | | | | --- | | 6905896 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.13 | 16.8 | Pg | 18:32:14.564 | 0.1 | | | | | T__ | | 33.1 | | --- | ML | 0.2 | 6905892 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.13 | 16.8 | Lg | 18:32:16.399 | -0.4 | | | | | T__ | | | | --- | | 6905895 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.60 | 221.2 | Pg | 18:32:24.694 | 0.2 | | | | | T__ | | 22.7 | | --- | ML | 1.2 | 6905893 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 0.60 | 221.2 | Lg | 18:32:33.521 | -0.3 | | | | | T__ | | | | --- | | 6905897 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/09/02 | 18:59:49.14 | 1.38 | 0.78 | 47.5875 | 16.3905 | 8.5 | 4.6 | 142 | 0.0f | 9 | 8 | 188 | 0.13 | 1.48 | sx | BUD | 17002440 | BUD | | | | | 201 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| RONA | 0.13 | 330.5 | Pg | 18:59:52.538 | 0.5 | | | | | T__ | | 118.9 | | _c_ | ML | 0.7 | 6905921 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.13 | 330.5 | Lg | 18:59:53.696 | -0.6 | | | | | T__ | | | | --- | | 6905923 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.15 | 49.8 | Lg | 18:59:55.513 | 0.5 | | | | | T__ | | | | --- | | 6905924 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| A011B | 0.34 | 238.7 | Lg | 18:59:59.730 | -0.7 | | | | | T__ | | | | --- | | 6905925 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | |
| CONA | 0.49 | 313.9 | Lg | 19:00:05.450 | -0.2 | | | | | T__ | | | | --- | | 6905926 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| ARSA | 0.68 | 240.5 | Lg | 19:00:10.623 | -0.2 | | | | | T__ | | | | --- | | 6905927 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| A018A | 0.90 | 280.5 | Lg | 19:00:18.007 | 0.1 | | | | | T__ | | | | --- | | 6905928 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| MODS | 0.99 | 36.8 | Lg | 19:00:22.980 | -1.4 | | | | | T__ | | | | --- | | 6905929 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| KRUC | 1.48 | 0.1 | Sn | 19:00:36.843 | 0.4 | | | | | T__ | | | | --- | | 6905922 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/09/03 | 02:04:03.60 | 1.36 | 1.26 | 48.1372 | 22.5208 | 20.7 | 10.5 | 39 | 5.6 | 7.4 | 7 | 6 | 145 | 0.01 | 1.37 | ke | BUD | 17002442 | BUD | | | | 193 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TRPA | 0.01 | 119.0 | Pg | 02:04:04.885 | 0.1 | | | | | T__ | | 220.8 | | _d | ML | 0.7 | 6905963 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.01 | 119.0 | Lg | 02:04:05.769 | -0.2 | | | | | T__ | | | | --- | | 6905964 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BMR | 0.80 | 124.9 | Lg | 02:04:31.378 | -0.2 | | | | | T__ | | | | --- | | 6905962 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 0.81 | 348.4 | Lg | 02:04:31.680 | -0.1 | | | | | T__ | | | | --- | | 6905960 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| ABAH | 0.87 | 281.0 | Lg | 02:04:33.182 | -0.6 | | | | | T__ | | | | --- | | 6905961 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 1.34 | 270.1 | Sn | 02:04:48.351 | 1.4 | | | | | T__ | | | | --- | | 6905965 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| JOS | 1.37 | 285.9 | Sn | 02:04:48.888 | 1.5 | | | | | T__ | | | | --- | | 6905966 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|-----------------------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/09/03 | 06:29:48.00 | 0.87 | 2.01 | 47.9577 | 19.4611 | 4.9 | 3.0 | 11 | 0.0f | | 22 | 15 | 86 | 0.11 | 1.83 | kx | BUD | 17002444 | BUD | | | 119 |
| 2021/09/03 | 06:29:47.57 | 0.84 | 1.54 | 47.9151 | 19.4088f | | | | 0.0f | | 22 | 15 | 100 | 0.13 | 1.78 | kx | BUD_GT | 17002445 | BUD_GT | | | 143 |
| (locality : Szanda Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.7 | 0.1 | 7 BUD_GT | 17002445 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU03A | 0.13 | 95.0 | Pg | 06:29:51.873 | 1.2 | | | | | T__ | | 2406.0 | | ___ | ML | 2.0 | 6906098 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.13 | 95.0 | Lg | 06:29:53.108 | -0.1 | | | | | T__ | | | | --- | | 6906100 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.27 | 255.2 | Lg | 06:29:59.244 | 0.9 | | | | | T__ | | | | --- | | 6906116 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.31 | 96.4 | Pg | 06:29:53.880 | -0.7 | | | | | T__ | | 135.4 | | ___ | ML | 1.3 | 6906101 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.31 | 96.4 | Lg | 06:29:59.108 | -0.6 | | | | | T__ | | | | --- | | 6906110 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.33 | 89.2 | Pg | 06:29:54.027 | -1.0 | | | | | T__ | | 236.6 | | ___ | ML | 1.6 | 6906097 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.33 | 89.2 | Lg | 06:29:59.413 | -1.2 | | | | | T__ | | | | --- | | 6906109 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.69 | 326.7 | Pn | 06:30:03.332 | -0.4 | | | | | T__ | | 20.8 | | ___ | ML | 1.2 | 6906103 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.69 | 326.7 | Lg | 06:30:10.309 | -1.7 | | | | | T__ | | | | --- | | 6906112 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.75 | 248.6 | Lg | 06:30:15.300 | 0.4 | | | | | T__ | | | | --- | | 6906113 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 0.78 | 74.1 | Pg | 06:30:02.036 | -1.7 | | | | | T__ | | 54.2 | | ___ | ML | 1.7 | 6906102 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.78 | 74.1 | Lg | 06:30:13.808 | -2.1 | | | | | T__ | | | | --- | | 6906117 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.92 | 51.3 | Pg | 06:30:06.439 | 0.5 | | | | | T__ | | 142.8 | | ___ | ML | 2.2 | 6906115 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.92 | 51.3 | Lg | 06:30:18.966 | -0.7 | | | | | T__ | | | | --- | | 6906114 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.95 | 52.0 | Pg | 06:30:06.270 | -0.3 | | | | | T__ | | 50.8 | | ___ | ML | 1.7 | 6906096 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.95 | 52.0 | Lg | 06:30:18.867 | -2.0 | | | | | T__ | | | | --- | | 6906111 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|-----|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU08A | 1.11 | 244.8 | Lg | 06:30:30.560 | 3.6 | T__ | --- | 6906104 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| A331A | 1.47 | 327.9 | Sn | 06:30:36.610 | 0.7 | T__ | --- | 6906105 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| MPLH | 1.47 | 240.2 | Lg | 06:30:41.094 | 3.5 | T__ | --- | 6906107 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 1.49 | 309.8 | Sn | 06:30:38.539 | 1.3 | T__ | --- | 6906106 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.50 | 288.6 | Lg | 06:30:40.827 | 0.8 | T__ | --- | 6906099 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.78 | 197.4 | Lg | 06:30:49.046 | 0.2 | T__ | --- | 6906108 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|--------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/09/03 | 07:00:56.70 | 1.54 | 1.26 | 47.9959 | 20.3102 | 20.4 | 6.2 | 148 | 0.0f | | 4 | 3 | 205 | 0.19 | 0.52 | kx | BUD | 17002446 | BUD | | | 328 |
| 2021/09/03 | 07:00:56.69 | 1.07 | 1.09 | 47.9767 | 20.3679f | | | | 0.0f | | 4 | 3 | 223 | 0.18 | 0.53 | kx | BUD_GT | 17002447 | BUD_GT | | | 336 |
| (locality : Eger-III. Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.18 | 35.8 | Pg | 07:01:01.590 | 0.6 | | | | | T__ | | 133.5 | | --- | ML | 0.9 | 6906145 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.18 | 35.8 | Lg | 07:01:03.790 | -0.7 | | | | | T__ | | | | --- | | 6906147 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.32 | 259.8 | Lg | 07:01:08.031 | -1.6 | | | | | T__ | | | | --- | | 6906148 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.53 | 12.4 | Lg | 07:01:15.291 | -0.4 | | | | | T__ | | | | --- | | 6906146 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|----------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|-----|
| 2021/09/03 | 08:00:01.49 | 0.95 | 1.22 | 47.4695 | 18.7021 | 6.7 | 3.1 | 156 | 0.0f | | 18 | 15 | 95 | 0.22 | 1.39 | kx | BUD | 17002448 | BUD | | | | | 157 |
| 2021/09/03 | 08:00:01.53 | 0.87 | 1.16 | 47.4680 | 18.6970f | | | | 0.0f | | 18 | 15 | 95 | 0.22 | 1.40 | kx | BUD_GT | 17002449 | BUD_GT | | | | | 157 |
| (locality : Etyek Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.7 | 0.3 | 4 BUD_GT | 17002449 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BUD | 0.22 | 85.9 | Lg | 08:00:09.991 | -1.0 | | | | | T__ | | | | --- | | 6906221 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.27 | 308.8 | Lg | 08:00:11.466 | -1.1 | | | | | T__ | | | | --- | | 6906222 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.31 | 256.0 | Pg | 08:00:09.485 | 1.3 | | | | | T__ | | 277.3 | | --- | ML | 1.6 | 6906231 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.31 | 250.7 | Pg | 08:00:09.763 | 1.5 | | | | | T__ | | 421.5 | | --- | ML | 1.8 | 6906229 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.31 | 250.7 | Lg | 08:00:12.718 | -1.4 | | | | | T__ | | | | --- | | 6906223 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.37 | 243.5 | Pg | 08:00:10.265 | 0.9 | | | | | T__ | | 121.1 | | --- | ML | 1.4 | 6906232 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.37 | 243.5 | Lg | 08:00:14.784 | -1.2 | | | | | T__ | | | | --- | | 6906233 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.40 | 257.8 | Lg | 08:00:15.523 | -1.3 | | | | | T__ | | | | --- | | 6906234 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU10A | 0.44 | 29.8 | Lg | 08:00:17.377 | -0.8 | | | | | T__ | | | | --- | | 6906224 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.53 | 266.3 | Pg | 08:00:13.443 | 1.1 | | | | | T__ | | 174.5 | | --- | ML | 2.0 | 6906217 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.53 | 266.3 | Lg | 08:00:19.888 | -1.2 | | | | | T__ | | | | --- | | 6906225 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MPLH 0.84 249.7 Lg 08:00:29.640 -1.4 T__ --- 6906226 FDSN HU -- BUD iLoc HHN ??? _
ET1H 0.89 62.2 Lg 08:00:32.238 -1.5 T__ --- 6906218 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.93 60.4 Lg 08:00:33.667 -1.6 T__ --- 6906219 FDSN GE -- BUD iLoc HHN ??? _
EGYH 0.93 267.4 Lg 08:00:33.124 -0.8 T__ --- 6906227 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.03 5.1 Lg 08:00:36.947 -0.6 T__ --- 6906228 FDSN SK -- BUD iLoc HHN ??? _
MORH 1.25 181.7 Sn 08:00:43.600 -0.0 T__ --- 6906230 FDSN HU -- BUD iLoc HHE ??? _
HU02A 1.40 61.4 Sn 08:00:47.067 -0.5 T__ --- 6906220 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/03 08:34:25.81 1.11 0.64 48.6376 19.9492 6.2 5.0 171 0.0f 9 6 116 0.39 0.81 sx BUD 17002450 BUD 210

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 3 BUD 17002450

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.39 113.2 Pg 08:34:34.335 0.6 T__ 120.4 --- ML 1.5 6906264 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.39 113.2 Lg 08:34:39.468 -0.2 T__ --- 6906266 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.42 109.7 Pg 08:34:34.605 0.4 T__ 45.0 --- ML 1.1 6906263 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.42 109.7 Lg 08:34:40.259 -0.4 T__ --- 6906267 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.64 143.1 Lg 08:34:48.467 -0.8 T__ --- 6906268 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.72 182.9 Pg 08:34:40.934 -0.2 T__ 38.9 --- ML 1.5 6906265 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.72 182.9 Lg 08:34:51.798 -0.3 T__ --- 6906269 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.75 259.4 Lg 08:34:52.210 0.2 T__ --- 6906271 FDSN SK -- BUD iLoc HHN ??? _
NIE 0.81 16.3 Lg 08:34:51.882 -0.9 T__ --- 6906270 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/03 08:54:16.25 0.97 2.12 46.0078 22.8407 7.8 4.2 79 0.0f 11 8 94 0.13 1.51 sx BUD 17002452 BUD 136

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 3 BUD 17002452

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.13 160.6 Pg 08:54:19.291 0.5 T__ 1048.1 --- ML 1.7 6906298 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.13 160.6 Lg 08:54:21.529 0.9 T__ --- 6906299 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
GZR 0.62 184.2 Pg 08:54:28.591 0.5 T__ 70.8 --- ML 1.7 6906301 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.62 184.2 Lg 08:54:34.612 -2.3 T__ --- 6906300 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.79 353.5 Pg 08:54:33.376 1.3 T__ 54.8 --- ML 1.7 6906304 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.79 353.5 Lg 08:54:40.940 -3.4 T__ --- 6906303 FDSN RO -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT 0.86 130.4 Lg 08:54:43.024 -2.3 T__ --- 6906302 FDSN RO -- BUD iLoc HHN ??? _
SIRR 0.86 288.0 Lg 08:54:45.513 -0.7 T__ --- 6906306 FDSN RO -- BUD iLoc HHN ??? _
CJR 0.88 36.4 Lg 08:54:45.195 -2.0 T__ --- 6906307 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.94 245.9 Lg 08:54:46.858 -1.0 T__ --- 6906305 FDSN RO -- BUD iLoc HHN ??? _
AMBH 1.51 283.9 Sn 08:55:06.797 2.4 T__ --- 6906308 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/03 09:07:33.49 0.96 1.34 48.4308 17.2301 6.8 4.0 96 0.0f 7 5 117 0.07 1.04 sx BUD 17002454 BUD 191

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.07 151.1 Pg 09:07:35.926 0.5 T__ --- 6906330 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.07 151.1 Lg 09:07:36.505 -0.9 T__ --- 6906329 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.25 200.0 Lg 09:07:42.642 -0.7 T__ --- 6906332 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.52 34.1 Pg 09:07:45.417 1.0 T__ 65.6 --- ML 1.6 6906331 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.52 34.1 Lg 09:07:51.129 -1.6 T__ --- 6906333 FDSN CZ -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0

```

```

KRUC 0.84 319.1 Lg 09:08:00.630 -1.4 T__ --- 6906334 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.04 241.7 Lg 09:08:07.813 0.2 T__ --- 6906335 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/03 09:18:04.70 0.91 1.53 48.5181 19.3197 7.2 3.1 16 0.0f 14 10 139 0.32 1.37 sx BUD 17002456 BUD 163

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.3 4 BUD 17002456

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.32 265.9 Pg 09:18:12.521 1.1 T__ 51.2 --- ML 0.9 6906363 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.32 265.9 Lg 09:18:16.303 -0.1 T__ --- 6906370 FDSN SK -- BUD iLoc HHN ??? _

```

```

(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1

```

```

PSZ 0.71 147.1 Pg 09:18:19.320 -0.5 T__ 36.8 --- ML 1.5 6906362 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.71 147.1 Lg 09:18:30.590 -0.2 T__ --- 6906372 FDSN GE -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

ET1H 0.74 149.8 Lg 09:18:31.343 0.1 T__ --- 6906364 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.78 92.1 Lg 09:18:31.060 -0.7 T__ --- 6906371 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.81 91.1 Pg 09:18:22.466 1.7 T__ 73.5 --- ML 1.8 6906365 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.81 91.1 Lg 09:18:31.883 -1.1 T__ --- 6906366 FDSN ZJ -- BUD iLoc HHE ??? _

```

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

HU02A 0.90 115.8 Pg 09:18:24.281 1.1 T__ 45.7 --- ML 1.7 6906367 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.90 115.8 Lg 09:18:34.933 -2.0 T__ --- 6906374 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

A331A 0.96 311.5 Lg 09:18:36.177 -0.6 T__ --- 6906375 FDSN Z3 00 BUD iLoc HHN ??? _

```


| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JAVC | 1.14 | 288.0 | Lg | 09:18:41.680 | -3.5 | T__ | --- | 6906373 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| ABAH | 1.30 | 99.1 | Sn | 09:18:48.071 | -0.1 | T__ | --- | 6906368 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.37 | 264.7 | Sn | 09:18:49.395 | -1.2 | T__ | --- | 6906369 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/03 | 09:23:22.75 | 4.53 | 1.78 | 46.9005 | 22.7005 | 29.7 | 23.6 | 35 | 0.0f | 6 | 5 | 283 | 0.11 | 1.63 | sx | BUD | 17002458 | BUD | | | | 307 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.11 | 176.2 | Pg | 09:23:25.371 | 0.1 | | | | T__ | | | 180.6 | | --- | ML | 0.9 | 6906397 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.11 | 176.2 | Lg | 09:23:27.609 | 0.0 | | | | T__ | | | | | --- | | 6906398 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.96 | 229.0 | Lg | 09:23:55.671 | -0.2 | | | | T__ | | | | | --- | | 6906399 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 1.49 | 210.7 | Sn | 09:24:11.342 | 0.7 | | | | T__ | | | | | --- | | 6906401 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.51 | 178.0 | Sn | 09:24:10.025 | -1.7 | | | | T__ | | | | | --- | | 6906400 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 1.63 | 152.5 | Sn | 09:24:12.726 | -2.5 | | | | T__ | | | | | --- | | 6906402 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/03 | 09:43:32.27 | 1.13 | 0.94 | 48.9969 | 21.2459 | 8.8 | 4.6 | 161 | 0.0f | 11 | 8 | 150 | 0.68 | 1.45 | sx | BUD | 17002460 | BUD | | | | 230 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOLS | 0.68 | 95.0 | Pg | 09:43:45.977 | 0.7 | | | | T__ | | | | | --- | | 6906445 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.68 | 95.0 | Lg | 09:43:54.313 | -2.0 | | | | T__ | | | | | --- | | 6906446 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.69 | 223.3 | Pg | 09:43:45.736 | -0.1 | | | | T__ | | | 55.0 | | --- | ML | 1.6 | 6906443 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.69 | 223.3 | Lg | 09:43:56.079 | -0.0 | | | | T__ | | | | | --- | | 6906447 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.70 | 180.3 | Lg | 09:43:57.030 | -0.7 | | | | T__ | | | | | --- | | 6906448 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.72 | 224.7 | Pg | 09:43:47.293 | 0.7 | | | | T__ | | | 201.3 | | --- | ML | 2.2 | 6906450 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.72 | 224.7 | Lg | 09:43:57.019 | -0.3 | | | | T__ | | | | | --- | | 6906449 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.75 | 304.6 | Lg | 09:43:56.340 | -0.8 | | | | T__ | | | | | --- | | 6906444 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| TRPA | 1.22 | 134.8 | Lg | 09:44:13.139 | -0.8 | | | | T__ | | | | | --- | | 6906451 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.41 | 220.3 | Sn | 09:44:19.038 | 0.0 | | | | T__ | | | | | --- | | 6906453 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.45 | 219.8 | Sn | 09:44:19.822 | 0.3 | | | | T__ | | | | | --- | | 6906452 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/03 | 22:50:17.08 | 2.00 | 0.38 | 47.2991 | 18.1160 | 11.0 | 5.0 | 19 | 7.1 | 12.6 | 10 | 5 | 228 | 0.06 | 0.19 | ke | BUD | 17002470 | BUD | | | 277 |

Magnitude Err Nsta Author OrigID
ML 0.6 0.1 5 BUD 17002470

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| MSW2 | 0.06 | 87.2 | Pg | 22:50:19.370 | 0.2 | | | | T__ | | | 513.9 | | --- | _c_ ML | 1.2 | 6906797 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

```

MSW2  0.06 87.2 Lg      22:50:20.631 -0.4      T__          ---          6906794  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
MSW3  0.08 4.7 Pg      22:50:19.739  0.3      T__          91.3      _d_ ML      0.5 6906798  FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW3  0.08 4.7 Lg      22:50:21.303 -0.2      T__          ---          6906796  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
CSKK  0.12 56.9 Pg      22:50:20.233  0.2      T__          102.1     ___ ML      0.6 6906799  FDSN HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.12 56.9 Lg      22:50:22.597  0.0      T__          ---          6906800  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
MSW1  0.14 46.0 Pg      22:50:20.486  0.2      T__          98.5      _d_ ML      0.7 6906795  FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW1  0.14 46.0 Lg      22:50:22.578 -0.6     T__          ---          6906801  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
HU08A 0.19 315.4 Pg      22:50:21.357  0.1      T__          29.7      ___ ML      0.3 6906802  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU08A 0.19 315.4 Lg      22:50:24.311 -0.3     T__          ---          6906803  FDSN ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=0

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/09/04 11:58:22.42  1.35  0.87 47.5939  16.3845  8.5  4.7 140  0.0f  8  7 184  0.12  1.47  sx BUD  17002472  BUD  200

```

Magnitude Err Nsta Author OrigID

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR  Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
RONA 0.12 330.6 Pg      11:58:25.751  0.5      T__          175.9      _c_ ML      0.9 6906966  FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA 0.12 330.6 Lg      11:58:26.859 -0.5     T__          ---          6906967  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
SOP  0.15 52.7 Lg      11:58:28.657  0.4      T__          ---          6906968  FDSN HU      -- BUD  iLoc  HHN ??? _
A011B 0.34 237.4 Lg      11:58:32.905 -0.8     T__          ---          6906969  FDSN Z3      00 BUD  iLoc  HH2 ??? _
CONA 0.49 313.7 Lg      11:58:38.327 -0.4     T__          ---          6906970  FDSN OE      -- BUD  iLoc  HHN ??? _
ARSA 0.68 239.9 Lg      11:58:44.038 -0.1     T__          ---          6906971  FDSN OE      -- BUD  iLoc  HHN ??? _
MODS 0.98 37.2 Lg      11:58:56.094 -1.5     T__          ---          6906972  FDSN SK      -- BUD  iLoc  HHN ??? _
KRUC 1.47 0.3 Sn      11:59:09.777  0.2      T__          ---          6906973  FDSN CZ      -- BUD  iLoc  HHN ??? _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/09/06 08:04:14.04  1.14  2.16 46.9195  22.3155  10.5  4.7 0  0.0f  19 10 83  0.30  2.02  sx BUD  17002476  BUD  119

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.5 9 BUD 17002476

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR  Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
DRGR 0.30 115.1 Pg      08:04:20.197 -0.1     T__          267.0      _c_ ML      1.6 6907556  FDSN RO      -- BUD  iLoc  HHZ HHZ _
DRGR 0.30 115.1 Lg      08:04:24.801 -0.6     T__          ---          6907570  FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
HU24A 0.79 269.7 Pg      08:04:29.531 -1.3     T__          297.6      ___ ML      2.4 6907567  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
(Reading ML: 2.4 magdef=1

```

```

(Station ML: 2.4 magdef=1
SIRR 0.79 215.0 Pg 08:04:30.757 0.6 T__ 44.5 ___ ML 1.6 6907565 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.79 215.0 Lg 08:04:41.254 -1.0 T__ ___ 6907566 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CJR 0.90 102.7 Pg 08:04:31.582 -0.2 T__ 351.7 ___ ML 2.5 6907557 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 0.90 102.7 Lg 08:04:44.348 -1.2 T__ ___ 6907571 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
DEV 1.11 158.4 Pn 08:04:36.737 0.8 T__ 328.7 ___ ML 2.6 6907558 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 1.11 158.4 Lg 08:04:50.477 -0.4 T__ ___ 6907559 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
BZS 1.39 200.7 Pn 08:04:39.989 0.2 T__ 38.6 ___ ML 1.9 6907568 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.39 200.7 Sn 08:04:58.772 -0.7 T__ ___ 6907573 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ARCR 1.40 82.5 Pn 08:04:40.067 -0.1 T__ 131.8 ___ ML 2.4 6907572 FDSN RO -- BUD iLoc HHZ HHZ _
ARCR 1.40 82.5 Sn 08:04:58.608 -1.8 T__ ___ 6907560 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
GZR 1.56 168.0 Pn 08:04:43.499 1.0 T__ 46.2 ___ ML 2.0 6907569 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.56 168.0 Sn 08:05:05.650 1.5 T__ ___ 6907574 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JOS 1.98 323.4 Pn 08:04:51.920 4.1 T__ 26.8 ___ ML 2.0 6907563 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.98 323.4 Sn 08:05:18.472 5.0 T__ ___ 6907564 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOLS 2.02 359.2 Pn 08:04:52.161 3.5 T__ ___ 6907561 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 2.02 359.2 Sn 08:05:18.250 2.7 T__ ___ 6907562 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/06 09:19:14.27 0.93 1.38 48.5887 21.3083 4.4 3.9 169 0.0f 18 10 99 0.30 2.03 sx BUD 17002480 BUD 161

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD 17002480

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.30 188.9 Pg 09:19:21.069 0.5 T__ 127.9 ___ ML 1.2 6907712 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.30 188.9 Lg 09:19:25.004 -0.9 T__ ___ 6907715 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
JOS 0.52 260.0 Pg 09:19:25.353 0.7 T__ 71.1 ___ ML 1.6 6907707 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 260.0 Lg 09:19:31.801 -0.8 T__ ___ 6907709 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.56 259.4 Pg 09:19:26.135 0.7 T__ 202.4 ___ ML 2.1 6907717 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 259.4 Lg 09:19:33.484 -0.4 T__ ___ 6907716 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU02A 0.70 228.5 Pg 09:19:29.169 0.3 T__ 46.4 ___ ML 1.6 6907708 FDSN ZJ 00 BUD iLoc HHZ HHZ _

```

```

HU02A  0.70 228.5 Lg      09:19:38.760 -1.0      T__          ---          6907719      FDSN ZJ      00 BUD      iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOLS   0.73  61.3 Pg      09:19:28.867   0.6      T__          ---          6907710      FDSN SK      -- BUD      iLoc HHZ ??? _
KOLS   0.73  61.3 Lg      09:19:37.630 -2.4      T__          ---          6907718      FDSN SK      -- BUD      iLoc HHN ??? _
TRPA   0.94 118.7 Pg      09:19:33.107   0.6      T__          85.7        --- ML      2.0 6907721      FDSN HU      -- BUD      iLoc HHZ HHZ _
TRPA   0.94 118.7 Lg      09:19:46.110 -1.5      T__          ---          6907720      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE    1.06 321.7 Pg      09:19:35.296   1.0      T__          26.6        --- ML      1.5 6907714      FDSN PL      -- BUD      iLoc BHZ BHZ _
NIE    1.06 321.7 Lg      09:19:48.371 -1.9      T__          ---          6907722      FDSN PL      -- BUD      iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ    1.16 235.2 Sn      09:19:53.270 -1.6      T__          ---          6907723      FDSN GE      -- BUD      iLoc HHN ??? _
ET1H   1.19 234.1 Sn      09:19:53.574 -1.7      T__          ---          6907713      FDSN HU      -- BUD      iLoc HHN ??? _
DRGR   2.03 151.7 Pg      09:19:54.725   1.1      T__          44.9        --- ML      2.3 6907711      FDSN RO      -- BUD      iLoc HHZ HHZ _
DRGR   2.03 151.7 Sn      09:20:18.144   2.1      T__          ---          6907724      FDSN RO      -- BUD      iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/06 16:39:54.40 0.99 0.82 47.5909 16.3884 5.4 3.8 176 0.0f 13 10 120 0.13 1.47 sx BUD 17002484 BUD 186

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.6 3 BUD 17002484

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.13 330.3 Pg 16:39:57.364 0.1 T__ 444.1 _c ML 1.3 6907834 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.13 330.3 Lg 16:39:58.908 -0.5 T__ --- 6907835 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
SOP 0.15 51.1 Pg 16:39:58.431 0.7 T__ 142.6 --- ML 0.9 6907837 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.15 51.1 Lg 16:40:00.592 0.4 T__ --- 6907836 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
AO11B 0.34 238.1 Lg 16:40:05.018 -0.7 T__ --- 6907838 FDSN Z3 00 BUD iLoc HH2 ??? _
CONA 0.49 313.7 Lg 16:40:10.461 -0.4 T__ --- 6907839 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.68 240.2 Lg 16:40:15.878 -0.2 T__ --- 6907840 FDSN OE -- BUD iLoc HHN ??? _
AO13A 0.81 305.9 Lg 16:40:20.808 0.2 T__ --- 6907841 FDSN Z3 00 BUD iLoc HHN ??? _
MPLH 0.89 117.9 Lg 16:40:24.178 -1.2 T__ --- 6907843 FDSN HU -- BUD iLoc HHN ??? _
AO18A 0.90 280.3 Lg 16:40:24.330 1.2 T__ --- 6907842 FDSN Z3 00 BUD iLoc HHN ??? _
MODS 0.98 37.0 Lg 16:40:28.143 -1.5 T__ --- 6907844 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.47 0.2 Pn 16:40:21.364 -0.3 T__ 38.0 --- ML 1.9 6907846 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.47 0.2 Sn 16:40:41.278 -0.3 T__ --- 6907845 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/07 08:17:03.89 1.00 0.78 45.9592 22.7354 5.6 4.7 40 0.0f 10 5 124 0.14 0.89 sx BUD 17002488 BUD 236

```

Magnitude Err Nsta Author OrigID
 ML 1.6 0.1 5 BUD 17002488

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.14 | 122.9 | Pg | 08:17:07.090 | 0.5 | | | | | T__ | | 775.9 | | --- | ML | 1.6 | 6908420 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.14 | 122.9 | Lg | 08:17:07.833 | -0.7 | | | | | T__ | | | | --- | | 6908429 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.57 | 177.1 | Pg | 08:17:15.143 | 0.3 | | | | | T__ | | 41.1 | | --- | ML | 1.4 | 6908421 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.57 | 177.1 | Lg | 08:17:23.211 | 0.3 | | | | | T__ | | | | --- | | 6908428 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.83 | 358.9 | Pg | 08:17:20.987 | 0.4 | | | | | T__ | | 55.0 | | --- | ML | 1.7 | 6908425 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.83 | 358.9 | Lg | 08:17:32.625 | -0.6 | | | | | T__ | | | | --- | | 6908424 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.85 | 246.8 | Pg | 08:17:20.441 | -0.2 | | | | | T__ | | 35.5 | | --- | ML | 1.5 | 6908427 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.85 | 246.8 | Lg | 08:17:32.510 | -0.2 | | | | | T__ | | | | --- | | 6908423 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.89 | 124.8 | Pg | 08:17:20.623 | -0.3 | | | | | T__ | | 58.7 | | --- | ML | 1.8 | 6908426 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.89 | 124.8 | Lg | 08:17:32.287 | -1.6 | | | | | T__ | | | | --- | | 6908422 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/07 | 08:27:38.57 | 0.87 | 0.76 | 48.4810 | 17.5093 | 5.1 | 2.9 | 134 | 0.0f | | 15 | 10 | 135 | 0.19 | 1.79 | sx | BUD | 17002490 | BUD | | | 208 |

Magnitude Err Nsta Author OrigID
 ML 1.5 0.2 4 BUD 17002490

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.19 | 235.3 | Pg | 08:27:43.212 | 0.3 | | | | | T__ | | | | --- | | 6908466 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.19 | 235.3 | Lg | 08:27:45.519 | -1.1 | | | | | T__ | | | | --- | | 6908478 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.39 | 15.7 | Pg | 08:27:46.692 | -0.3 | | | | | T__ | | 118.2 | | --- | ML | 1.5 | 6908467 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.39 | 15.7 | Lg | 08:27:52.440 | -1.1 | | | | | T__ | | | | --- | | 6908480 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.39 | 223.7 | Lg | 08:27:51.965 | -1.3 | | | | | T__ | | | | --- | | 6908479 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.88 | 88.7 | Pg | 08:27:56.950 | 0.5 | | | | | T__ | | 15.2 | | --- | ML | 1.2 | 6908470 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.88 | 88.7 | Lg | 08:28:08.915 | -0.3 | | | | | T__ | | | | --- | | 6908469 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.94 | 308.7 | Lg | 08:28:10.632 | 0.2 | | | | | T__ | | | | --- | | 6908471 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| VRAC | 1.03 | 324.2 | Lg | 08:28:13.163 | 0.1 | | | | | T__ | | | | --- | | 6908472 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.13 | 226.6 | Pg | 08:28:00.905 | 0.0 | | | | | T__ | | 26.2 | | --- | ML | 1.5 | 6908474 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.13 | 226.6 | Lg | 08:28:15.694 | 0.1 | | | | | T__ | | | | --- | | 6908473 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.23 | 244.0 | Pn | 08:28:03.277 | 0.5 | | | | | T__ | | 32.2 | | --- | ML | 1.7 | 6908475 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.23 | 244.0 | Lg | 08:28:19.434 | 0.7 | | | | | T__ | | | | --- | | 6908468 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 1.7 magdef=1)

| | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|-----|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MORC | 1.30 | 0.9 | Lg | 08:28:22.021 | 1.2 | T__ | --- | 6908476 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| A018A | 1.79 | 246.5 | Sn | 08:28:34.279 | 0.2 | T__ | --- | 6908477 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/07 | 08:40:00.02 | 1.27 | 0.56 | 48.4412 | 20.7902 | 8.4 | 5.6 | 27 | 0.0f | 8 | 6 | 187 | 0.18 | 0.83 | sx | BUD | 17002492 | BUD | | | | 280 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| JOS | 0.18 | 288.2 | Pg | 08:40:04.012 | 0.3 | | | | | T__ | | 227.8 | | _c_ | ML | 1.1 | 6908505 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.18 | 288.2 | Lg | 08:40:06.187 | -0.5 | | | | | T__ | | | | --- | | 6908507 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 281.8 | Pg | 08:40:04.557 | 0.2 | | | | | T__ | | 418.4 | | --- | ML | 1.5 | 6908509 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 0.21 | 281.8 | Lg | 08:40:07.443 | -0.4 | | | | | T__ | | | | --- | | 6908508 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.33 | 115.7 | Lg | 08:40:12.721 | -0.2 | | | | | T__ | | | | --- | | 6908510 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| HU02A | 0.37 | 209.1 | Lg | 08:40:13.282 | -0.8 | | | | | T__ | | | | --- | | 6908506 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| PSZ | 0.80 | 229.2 | Lg | 08:40:29.032 | 0.1 | | | | | T__ | | | | --- | | 6908511 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| ET1H | 0.83 | 227.9 | Lg | 08:40:30.441 | 0.6 | | | | | T__ | | | | --- | | 6908512 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/07 | 08:59:42.06 | 1.40 | 1.24 | 48.5233 | 20.8251 | 9.9 | 5.6 | 6 | 0.0f | 9 | 8 | 156 | 0.19 | 1.32 | sx | BUD | 17002496 | BUD | | | | 219 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| JOS | 0.19 | 261.9 | Pg | 08:59:46.506 | 0.4 | | | | | T__ | | 248.3 | | --- | ML | 1.2 | 6908564 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.19 | 261.9 | Lg | 08:59:49.116 | -0.2 | | | | | T__ | | | | --- | | 6908565 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 260.0 | Lg | 08:59:50.248 | -0.3 | | | | | T__ | | | | --- | | 6908566 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| ABAH | 0.36 | 129.3 | Lg | 08:59:55.966 | 0.2 | | | | | T__ | | | | --- | | 6908567 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| HU02A | 0.45 | 206.6 | Lg | 08:59:58.965 | 0.0 | | | | | T__ | | | | --- | | 6908568 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| PSZ | 0.87 | 226.1 | Lg | 09:00:12.438 | -1.0 | | | | | T__ | | | | --- | | 6908569 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| ET1H | 0.91 | 225.1 | Lg | 09:00:13.616 | -0.7 | | | | | T__ | | | | --- | | 6908570 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| KOLS | 1.04 | 66.3 | Lg | 09:00:16.575 | -1.6 | | | | | T__ | | | | --- | | 6908571 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| VYHS | 1.32 | 269.5 | Sn | 09:00:24.419 | -2.2 | | | | | T__ | | | | --- | | 6908572 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/07 | 09:06:19.11 | 1.00 | 0.58 | 47.8871 | 16.0958 | 7.9 | 3.9 | 24 | 0.0f | 6 | 4 | 133 | 0.16 | 0.93 | sx | BUD | 17002498 | BUD | | | | 219 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.16 | 284.7 | Pg | 09:06:23.002 | 0.4 | | | | | T__ | | 105.9 | | --- | ML | 0.8 | 6908589 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.16 | 284.7 | Lg | 09:06:24.268 | -0.8 | | | | | T__ | | | | --- | | 6908591 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
RONA 0.23 144.1 Pg 09:06:24.183 0.2 T__ 56.3 ___ ML 0.7 6908590 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.23 144.1 Lg 09:06:27.267 -0.2 T__ ___ 6908592 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A018A 0.70 258.6 Lg 09:06:41.263 -0.3 T__ ___ 6908593 FDSN Z3 00 BUD iLoc HHN ??? _
MODS 0.93 58.0 Lg 09:06:52.054 -0.3 T__ ___ 6908594 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/07 09:35:53.58 0.93 0.89 48.5364 17.4443 6.8 3.2 125 0.0f 9 7 121 0.20 1.22 sx BUD 17002500 BUD 189

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.20 214.4 Pg 09:35:58.365 0.2 T__ ___ 6908615 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.20 214.4 Lg 09:36:00.817 -1.1 T__ ___ 6908617 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.36 24.8 Pg 09:36:01.540 0.3 T__ 91.3 ___ ML 1.3 6908616 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.36 24.8 Lg 09:36:06.364 -0.9 T__ ___ 6908618 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
ZST 0.41 213.9 Lg 09:36:07.637 -1.2 T__ ___ 6908619 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.87 307.6 Lg 09:36:22.737 -0.4 T__ ___ 6908620 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 0.93 92.1 Lg 09:36:25.817 0.1 T__ ___ 6908621 FDSN SK -- BUD iLoc HHN ??? _
RONA 1.14 223.0 Lg 09:36:31.375 0.5 T__ ___ 6908622 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.22 240.7 Lg 09:36:34.289 0.9 T__ ___ 6908623 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/07 10:31:02.51 1.93 0.95 47.8804 20.1547 19.2 4.7 157 0.0f 8 6 209 0.18 0.84 kx BUD 17002502 BUD 224
2021/09/07 10:31:02.41 0.97 0.85 47.8650 20.1529f 0.0f 8 6 215 0.18 0.85 kx BUD_GT 17002503 BUD_GT 230
(locality : Kismána Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.18 287.2 Pg 10:31:07.197 0.3 T__ 457.9 ___ ML 1.5 6908642 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.18 287.2 Lg 10:31:09.953 -0.6 T__ ___ 6908647 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.19 274.4 Pg 10:31:07.605 0.7 T__ 385.7 ___ ML 1.4 6908644 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.19 274.4 Lg 10:31:09.898 -0.5 T__ ___ 6908643 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.36 44.0 Lg 10:31:15.430 -1.0 T__ ___ 6908645 FDSN ZJ 00 BUD iLoc HHN ??? _
HU03A 0.37 276.2 Lg 10:31:15.808 -0.7 T__ ___ 6908646 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.68 22.1 Lg 10:31:26.761 0.3 T__ ___ 6908648 FDSN ZJ -- BUD iLoc HHN ??? _
ABAH 0.85 59.0 Lg 10:31:31.453 -1.6 T__ ___ 6908649 FDSN HU -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/09/07 | 10:36:31.15 | 2.64 | 0.38 | 48.3931 | 20.6851 | 19.7 | 5.6 | 88 | 0.0f | 7 | 5 | 244 | 0.14 | 0.75 | kx | BUD | 17002504 | BUD | | | | 270 |
| 2021/09/07 | 10:36:29.84 | 0.99 | 1.38 | 48.4470 | 20.7870f | | | | 0.0f | 7 | 5 | 281 | 0.17 | 0.84 | kx | BUD_GT | 17002505 | BUD_GT | | | | 300 |

(locality : Meszes Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 286.6 | Pg | 10:36:34.254 | 0.8 | | | | | T__ | | 148.3 | | ___ | ML | 0.9 | 6908690 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 286.6 | Lg | 10:36:36.429 | 0.0 | | | | | T__ | | | | --- | | 6908691 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 280.3 | Pg | 10:36:35.005 | 0.9 | | | | | T__ | | 1525.1 | | ___ | ML | 2.0 | 6908693 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 280.3 | Lg | 10:36:37.101 | -0.4 | | | | | T__ | | | | --- | | 6908692 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.37 | 208.4 | Lg | 10:36:42.471 | -1.5 | | | | | T__ | | | | --- | | 6908694 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.80 | 228.8 | Lg | 10:36:56.739 | -2.1 | | | | | T__ | | | | --- | | 6908695 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.84 | 227.5 | Lg | 10:36:57.911 | -1.8 | | | | | T__ | | | | --- | | 6908696 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/07 | 10:38:45.95 | 4.25 | 0.65 | 47.9820 | 16.0956 | 36.6 | 4.9 | 20 | 0.0f | 5 | 3 | 263 | 0.17 | 0.73 | sx | BUD | 17002506 | BUD | | | | 359 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.17 | 251.2 | Pg | 10:38:49.379 | -0.1 | | | | | T__ | | 76.0 | | ___ | ML | 0.6 | 6908715 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.17 | 251.2 | Lg | 10:38:51.712 | -0.3 | | | | | T__ | | | | --- | | 6908716 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.31 | 154.4 | Pg | 10:38:52.516 | 0.1 | | | | | T__ | | 40.0 | | ___ | ML | 0.8 | 6908718 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.31 | 154.4 | Lg | 10:38:56.629 | -0.2 | | | | | T__ | | | | --- | | 6908717 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.73 | 251.2 | Lg | 10:39:09.997 | 0.8 | | | | | T__ | | | | --- | | 6908719 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/09/07 | 10:50:13.77 | 0.96 | 1.05 | 47.8496 | 19.1410 | 10.0 | 3.0 | 176 | 0.0f | 10 | 7 | 180 | 0.08 | 1.14 | kx | BUD | 17002508 | BUD | | | | 256 |
| 2021/09/07 | 10:50:13.59 | 0.90 | 1.02 | 47.8355 | 19.1270f | | | | 0.0f | 10 | 7 | 192 | 0.07 | 1.15 | kx | BUD_GT | 17002509 | BUD_GT | | | | 258 |

(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.5 0.3 4 BUD_GT 17002509

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 10:50:16.410 | 0.8 | | | | | T__ | | 866.4 | | ___ | ML | 1.4 | 6908746 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 10:50:17.161 | -0.3 | | | | | T__ | | | | --- | | 6908747 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |


```

(Station ML: 1.4 magdef=1
HU03A 0.33 77.7 Pg 10:50:21.432 0.7 T__ 96.7 --- ML 1.2 6908749 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.33 77.7 Lg 10:50:25.386 -0.6 T__ --- 6908748 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ET1H 0.50 84.8 Lg 10:50:31.476 -0.8 T__ --- 6908750 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.52 80.6 Lg 10:50:32.029 -1.4 T__ --- 6908751 FDSN GE -- BUD iLoc HHN ??? _
VVHS 0.69 343.6 Lg 10:50:37.328 -0.5 T__ --- 6908752 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.98 72.5 Pn 10:50:33.769 0.1 T__ 37.0 --- ML 1.6 6908745 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.98 72.5 Lg 10:50:47.214 -2.2 T__ --- 6908744 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 1.15 54.5 Pg 10:50:36.616 0.2 T__ 47.2 --- ML 1.8 6908753 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/07 | 11:21:05.86 | 1.00 | 0.92 | 47.0961 | 17.9943 | 5.7 | 3.6 | 128 | 0.0f | 12 | 7 | 163 | | 0.21 | 0.35 | sx | BUD | 17002510 | BUD | | | 248 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.1 | 6 BUD | 17002510 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| TIH | 0.21 | 199.5 | Pg | 11:21:11.061 | 0.5 | | | | | T__ | | 1030.3 | | --- | ML | 1.9 | 6908786 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.25 | 35.5 | Pg | 11:21:11.617 | 0.1 | | | | | T__ | | 138.0 | | --- | ML | 1.1 | 6908787 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.25 | 35.5 | Lg | 11:21:15.717 | -0.7 | | | | | T__ | | | | --- | | | 6908788 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.30 | 17.3 | Lg | 11:21:16.752 | -1.2 | | | | | T__ | | | | --- | | | 6908796 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MPLH | 0.32 | 283.6 | Pg | 11:21:13.285 | 0.5 | | | | | T__ | | 99.7 | | --- | ML | 1.2 | 6908790 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.32 | 283.6 | Lg | 11:21:17.280 | -1.0 | | | | | T__ | | | | --- | | | 6908789 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.32 | 34.1 | Pg | 11:21:13.910 | 1.1 | | | | | T__ | | 126.5 | | --- | ML | 1.3 | 6908791 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.32 | 34.1 | Lg | 11:21:17.801 | -1.1 | | | | | T__ | | | | --- | | | 6908792 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.34 | 351.9 | Pg | 11:21:14.049 | 0.9 | | | | | T__ | | 75.8 | | --- | ML | 1.1 | 6908793 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.34 | 351.9 | Lg | 11:21:18.698 | -0.5 | | | | | T__ | | | | --- | | | 6908797 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.35 | 31.2 | Pg | 11:21:14.015 | 0.7 | | | | | T__ | | 119.6 | | --- | ML | 1.3 | 6908794 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.35 | 31.2 | Lg | 11:21:19.052 | -0.6 | | | | | T__ | | | | --- | | | 6908795 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/07 | 11:25:34.00 | 0.96 | 0.85 | 47.9638 | 16.6539 | 8.8 | 3.3 | 139 | 0.0f | 12 | 10 | 170 | | 0.36 | 1.78 | sx | BUD | 17002512 | BUD | | | 177 |

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|------|-------|--------|----------------------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|--|--|--|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | | | | |
| RONA | 0.36 | 222.5 | Pg | 11:25:41.372 | 0.0 | | | | | T__ | | 47.4 | | ___ | ML | 1.0 | 6908831 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | | | |
| RONA | 0.36 | 222.5 | Lg | 11:25:45.643 | -0.7 | | | | | T__ | | | | --- | | 6908830 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.38 | 52.1 | Lg | 11:25:47.973 | -0.4 | | | | | T__ | | | | --- | | 6908832 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| CONA | 0.53 | 266.5 | Lg | 11:25:51.426 | -0.4 | | | | | T__ | | | | --- | | 6908833 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| MODS | 0.59 | 45.3 | Pg | 11:25:46.947 | 0.8 | | | | | T__ | | | | --- | | 6908835 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | | | | |
| MODS | 0.59 | 45.3 | Lg | 11:25:54.539 | -1.0 | | | | | T__ | | | | --- | | 6908834 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| A013A | 0.84 | 277.3 | Lg | 11:26:01.289 | 0.1 | | | | | T__ | | | | --- | | 6908836 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | | | |
| ARSA | 1.05 | 227.4 | Lg | 11:26:07.733 | 0.4 | | | | | T__ | | | | --- | | 6908837 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| A018A | 1.08 | 258.9 | Lg | 11:26:09.176 | 0.6 | | | | | T__ | | | | --- | | 6908829 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | | | | |
| KRUC | 1.11 | 351.2 | Lg | 11:26:10.777 | -1.0 | | | | | T__ | | | | --- | | 6908838 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| JAVC | 1.12 | 36.7 | Sn | 11:26:12.354 | -1.6 | | | | | T__ | | | | --- | | 6908839 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| CKRC | 1.78 | 299.6 | Sn | 11:26:28.876 | -0.3 | | | | | T__ | | | | --- | | 6908840 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/08 | 07:52:43.88 | 0.87 | 1.41 | 47.6868 | 18.4584 | 3.8 | 2.9 | 113 | 0.0f | | 15 | 10 | 57 | 0.07 | 1.48 | sx | BUD | 17002516 | BUD | | | 107 |

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 5 BUD 17002516

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | | | | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|--|--|--|
| HU09A | 0.07 | 226.8 | Pg | 07:52:46.647 | 0.8 | | | | | T__ | | 3345.9 | | ___ | ML | 2.0 | 6909200 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | | | |
| HU09A | 0.07 | 226.8 | Lg | 07:52:47.866 | 0.0 | | | | | T__ | | | | --- | | 6909201 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | | | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SR0 | 0.16 | 322.3 | Pg | 07:52:48.266 | 0.7 | | | | | T__ | | 5854.6 | | ___ | ML | 2.5 | 6909207 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | | | | |
| SR0 | 0.16 | 322.3 | Lg | 07:52:50.117 | -0.8 | | | | | T__ | | | | --- | | 6909208 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | | | | |
| | | | | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.35 | 202.6 | Pg | 07:52:52.363 | 1.1 | | | | | T__ | | 281.9 | | ___ | ML | 1.7 | 6909205 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | | |
| CSKK | 0.35 | 202.6 | Lg | 07:52:56.295 | -1.3 | | | | | T__ | | | | --- | | 6909206 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.41 | 67.0 | Pg | 07:52:54.244 | 1.6 | | | | | T__ | | 284.6 | | ___ | ML | 1.9 | 6909202 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | | | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUD | 0.43 | 117.8 | Lg | 07:52:57.529 | -3.0 | | | | | T__ | | | | --- | | 6909199 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| HU08A | 0.44 | 235.0 | Lg | 07:52:59.812 | -0.8 | | | | | T__ | | | | --- | | 6909209 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | | | |
| VYHS | 0.85 | 17.3 | Lg | 07:53:12.321 | -1.3 | | | | | T__ | | | | --- | | 6909212 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| MODS | 1.05 | 311.4 | Pn | 07:53:05.264 | 0.1 | | | | | T__ | | | | --- | | 6909211 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | | | | |
| MODS | 1.05 | 311.4 | Lg | 07:53:19.735 | -1.5 | | | | | T__ | | | | --- | | 6909210 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| RONA | 1.46 | 271.3 | Sn | 07:53:30.902 | -0.5 | | | | | T__ | | | | --- | | 6909204 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| MORH | 1.48 | 175.0 | Pn | 07:53:10.011 | -0.5 | | | | | T__ | | 34.5 | | ___ | ML | 1.9 | 6909203 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | | |
| MORH | 1.48 | 175.0 | Sn | 07:53:29.965 | -1.6 | | | | | T__ | | | | --- | | 6909213 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/08 | 08:07:23.43 | 1.76 | 1.13 | 47.8164 | 19.9453 | 11.0 | 5.0 | 0 | 0.0f | | 11 | 8 | 182 | 0.08 | 1.01 | sx | BUD | 17002518 | BUD | | | 239 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 3 BUD | 17002518 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ET1H | 0.08 | 321.6 | Pg | 08:07:26.369 | 0.7 | | | | | T__ | | 1499.3 | | ___ | ML | 1.7 | 6909245 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.08 | 321.6 | Lg | 08:07:26.923 | -0.7 | | | | | T__ | | | | --- | | 6909246 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.11 | 341.5 | Pg | 08:07:27.172 | 0.8 | | | | | T__ | | 922.2 | | ___ | ML | 1.6 | 6909250 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.11 | 341.5 | Lg | 08:07:27.947 | -1.1 | | | | | T__ | | | | --- | | 6909247 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.25 | 290.7 | Lg | 08:07:32.462 | -0.8 | | | | | T__ | | | | --- | | 6909251 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.50 | 51.6 | Lg | 08:07:41.041 | -1.1 | | | | | T__ | | | | --- | | 6909252 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.76 | 28.3 | Pg | 08:07:39.699 | 1.0 | | | | | T__ | | 100.1 | | ___ | ML | 1.9 | 6909254 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.76 | 28.3 | Lg | 08:07:49.557 | -0.6 | | | | | T__ | | | | --- | | 6909253 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.79 | 30.1 | Lg | 08:07:50.778 | -0.4 | | | | | T__ | | | | --- | | 6909248 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| HU05A | 0.85 | 107.8 | Lg | 08:07:52.643 | -1.7 | | | | | T__ | | | | --- | | 6909255 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.01 | 312.8 | Lg | 08:07:57.410 | -1.1 | | | | | T__ | | | | --- | | 6909249 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/09/08 | 08:46:51.37 | 1.06 | 1.03 | 48.0237 | 19.6504 | 5.4 | 4.1 | 159 | 0.0f | | 8 | 5 | 128 | 0.12 | 0.72 | kx | BUD | 17002520 | BUD | | | 244 |
| 2021/09/08 | 08:46:51.41 | 0.94 | 0.99 | 48.0061 | 19.6278f | | | | 0.0f | | 8 | 5 | 125 | 0.10 | 0.72 | kx | BUD_GT | 17002521 | BUD_GT | | | 248 |

(locality : Nagylóc Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.3 | 0.1 | 3 BUD_GT | 17002521 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU03A | 0.10 | 190.5 | Pg | 08:46:55.037 | 1.0 | | | | | T__ | | 561.8 | | ___ | ML | 1.3 | 6909282 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.10 | 190.5 | Lg | 08:46:56.034 | -0.1 | | | | | T__ | | | | --- | | 6909281 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.20 | 116.0 | Pg | 08:46:56.709 | 0.5 | | | | | T__ | | 187.3 | | ___ | ML | 1.1 | 6909279 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.20 | 116.0 | Lg | 08:46:59.146 | -0.9 | | | | | T__ | | | | --- | | 6909283 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.21 | 127.7 | Lg | 08:46:58.782 | -1.1 | | | | | T__ | | | | --- | | 6909280 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.61 | 78.7 | Pg | 08:47:04.674 | 0.4 | | | | | T__ | | 35.2 | | ___ | ML | 1.4 | 6909285 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.61 | 78.7 | Lg | 08:47:12.539 | -1.6 | | | | | T__ | | | | --- | | 6909284 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.72 | 313.0 | Lg | 08:47:15.780 | -0.9 | | | | | T__ | | | | --- | | 6909286 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/08 | 09:59:31.43 | 0.88 | 1.22 | 48.4161 | 17.2818 | 4.9 | 2.9 | 110 | 0.0f | 13 | 9 | 98 | 0.04 | 1.37 | sx | BUD | 17002522 | BUD | | | | 153 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.04 | 183.9 | Pg | 09:59:33.453 | 0.5 | | | | | T__ | | | | | | 6909353 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.04 | 183.9 | Lg | 09:59:34.689 | 0.1 | | | | | T__ | | | | | | 6909346 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ZST | 0.25 | 208.6 | Pg | 09:59:37.593 | 0.6 | | | | | T__ | | | | | | 6909354 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.25 | 208.6 | Lg | 09:59:39.232 | -2.1 | | | | | T__ | | | | | | 6909347 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.51 | 30.1 | Pg | 09:59:43.217 | 1.0 | | | | | T__ | | 99.3 | | | ML | 1.7 | 6909349 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.51 | 30.1 | Lg | 09:59:49.420 | -1.1 | | | | | T__ | | | | | | 6909348 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.87 | 318.1 | Pg | 09:59:48.270 | 0.1 | | | | | T__ | | 45.8 | | | ML | 1.6 | 6909355 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.87 | 318.1 | Lg | 10:00:01.422 | 0.3 | | | | | T__ | | | | | | 6909356 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.98 | 223.0 | Lg | 10:00:03.654 | 0.1 | | | | | T__ | | | | | | 6909357 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.04 | 85.1 | Lg | 10:00:06.350 | -1.0 | | | | | T__ | | | | | | 6909345 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.07 | 243.3 | Lg | 10:00:07.113 | 0.8 | | | | | T__ | | | | | | 6909351 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| AO13A | 1.30 | 255.0 | Lg | 10:00:11.356 | -2.0 | | | | | T__ | | | | | | 6909350 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORC | 1.37 | 7.1 | Lg | 10:00:14.679 | -1.4 | | | | | T__ | | | | | | 6909352 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/09/08 | 12:20:18.00 | 0.88 | 1.54 | 47.5623 | 18.4092 | 4.9 | 2.3 | 107 | 0.0f | 20 | 13 | 135 | 0.08 | 1.11 | kx | BUD | 17002524 | BUD | | | | 137 |
| 2021/09/08 | 12:20:17.79 | 0.84 | 1.50 | 47.5600 | 18.4573f | | | | 0.0f | 20 | 13 | 142 | 0.09 | 1.14 | kx | BUD_GT | 17002525 | BUD_GT | | | | 143 |

(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.3 | 0.0 | 7 BUD_GT | 17002525 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 12:20:21.609 | 1.4 | | | | | T__ | | 2126.2 | | | ML | 1.9 | 6909632 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 12:20:22.301 | -0.3 | | | | | T__ | | | | | | 6909631 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.21 | 218.9 | Pg | 12:20:23.498 | 0.9 | | | | | T__ | | 188.9 | | | ML | 1.2 | 6909641 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.21 | 218.9 | Lg | 12:20:25.895 | -1.0 | | | | | T__ | | | | | | 6909642 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 12:20:23.852 | 0.8 | | | | | T__ | | 377.4 | | | ML | 1.5 | 6909629 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 12:20:26.624 | -1.1 | | | | | T__ | | | | | | 6909630 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SRO | 0.27 | 339.1 | Pg | 12:20:24.877 | 1.2 | | | | | T__ | | 1468.6 | | | ML | 2.2 | 6909634 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SRO | 0.27 | 339.1 | Lg | 12:20:28.034 | -0.7 | | | | | T__ | | | | | | 6909633 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MSW3 | 0.29 | 231.9 | Pg | 12:20:24.857 | 0.9 | T__ | 157.0 | ___ | ML | 1.3 | 6909644 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.29 | 231.9 | Lg | 12:20:27.973 | -1.3 | T__ | | --- | | | 6909643 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.31 | 213.1 | Pg | 12:20:25.456 | 1.1 | T__ | 144.2 | ___ | ML | 1.3 | 6909645 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.31 | 213.1 | Lg | 12:20:28.812 | -1.2 | T__ | | --- | | | 6909646 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.47 | 52.8 | Lg | 12:20:35.870 | 0.1 | T__ | | --- | | | 6909635 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MPLH | 0.74 | 238.3 | Lg | 12:20:42.877 | -0.9 | T__ | | --- | | | 6909636 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 0.97 | 15.1 | Pn | 12:20:38.418 | 0.7 | T__ | 18.0 | --- | ML | 1.3 | 6909637 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.97 | 15.1 | Lg | 12:20:50.626 | -1.0 | T__ | | --- | | | 6909647 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.01 | 71.0 | Lg | 12:20:53.321 | -0.5 | T__ | | --- | | | 6909638 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| PSZ | 1.03 | 69.2 | Lg | 12:20:54.428 | -0.7 | T__ | | --- | | | 6909639 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| ZST | 1.11 | 305.4 | Lg | 12:20:52.025 | -4.9 | T__ | | --- | | | 6909648 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| MODS | 1.14 | 316.2 | Sn | 12:20:55.924 | -1.9 | T__ | | --- | | | 6909640 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/08 | 14:24:07.17 | 0.96 | 0.88 | 47.8874 | 16.4533 | 6.7 | 3.7 | 127 | 0.0f | | 9 | 5 | 161 | 0.22 | 1.18 | sx | BUD | 17002528 | BUD | | | 211 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.5 | 3 BUD | 17002528 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.22 | 209.5 | Pg | 14:24:11.821 | 0.1 | | | | | T__ | | 53.8 | | ___ | ML | 0.6 | 6909905 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.22 | 209.5 | Lg | 14:24:13.949 | -1.0 | | | | | T__ | | | | --- | | 6909906 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.40 | 276.1 | Pg | 14:24:15.429 | 0.2 | | | | | T__ | | 35.7 | | ___ | ML | 1.0 | 6909902 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.40 | 276.1 | Lg | 14:24:20.830 | 0.1 | | | | | T__ | | | | --- | | 6909907 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.74 | 48.3 | Pg | 14:24:23.138 | 0.8 | | | | | T__ | | | | --- | | 6909908 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.74 | 48.3 | Lg | 14:24:32.992 | -0.9 | | | | | T__ | | | | --- | | 6909903 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.90 | 225.0 | Lg | 14:24:36.810 | 1.1 | | | | | T__ | | | | --- | | 6909909 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.18 | 358.1 | Pg | 14:24:29.461 | -0.3 | | | | | T__ | | 34.7 | | ___ | ML | 1.7 | 6909904 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.18 | 358.1 | Lg | 14:24:46.135 | -1.0 | | | | | T__ | | | | --- | | 6909910 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|-----|
| 2021/09/09 | 06:22:48.08 | 1.59 | 0.93 | 48.2423 | 21.2052 | 15.1 | 5.2 | 150 | 0.0f | | 7 | 5 | 232 | 0.06 | 1.52 | kx | BUD | 17002532 | BUD | | | | | 315 |
| 2021/09/09 | 06:22:47.84 | 1.00 | 0.97 | 48.2470 | 21.2460f | | | | 0.0f | | 7 | 5 | 260 | 0.05 | 1.55 | kx | BUD_GT | 17002533 | BUD_GT | | | | | 317 |

(locality : Táallya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 06:22:50.188 | 0.8 | | | | | T__ | | 201.9 | | --- | ML | 0.7 | 6910233 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 06:22:50.604 | -0.4 | | | | | T__ | | | | --- | | 6910234 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 06:22:58.507 | 0.1 | | | | | T__ | | 33.1 | | --- | ML | 1.2 | 6910236 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 06:23:04.489 | -2.0 | | | | | T__ | | | | --- | | 6910235 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Lg | 06:23:06.213 | -0.5 | | | | | T__ | | | | --- | | 6910237 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.56 | 295.3 | Lg | 06:23:07.032 | -0.6 | | | | | T__ | | | | --- | | 6910238 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU10A | 1.55 | 255.8 | Sn | 06:23:37.418 | 0.3 | | | | | T__ | | | | --- | | 6910239 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/09 | 07:19:39.47 | 1.97 | 1.54 | 48.1055 | 21.3819 | 13.6 | 8.5 | 1 | 0.0f | | 7 | 5 | 184 | 0.21 | 0.78 | sx | BUD | 17002534 | BUD | | | 298 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.21 | 333.5 | Pg | 07:19:44.909 | 0.7 | | | | | T__ | | 246.2 | | --- | ML | 1.3 | 6910357 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.21 | 333.5 | Lg | 07:19:47.235 | -1.1 | | | | | T__ | | | | --- | | 6910356 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.57 | 272.0 | Lg | 07:19:59.575 | -1.2 | | | | | T__ | | | | --- | | 6910358 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.68 | 305.1 | Pg | 07:19:53.953 | 0.8 | | | | | T__ | | 50.3 | | --- | ML | 1.6 | 6910359 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 305.1 | Lg | 07:20:02.468 | -1.1 | | | | | T__ | | | | --- | | 6910361 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.71 | 302.6 | Lg | 07:20:03.422 | -1.0 | | | | | T__ | | | | --- | | 6910360 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| TRPA | 0.78 | 87.7 | Lg | 07:20:05.987 | -1.9 | | | | | T__ | | | | --- | | 6910362 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/09/09 | 08:10:13.33 | 1.43 | 1.06 | 48.2155 | 21.2397 | 9.5 | 4.9 | 134 | 0.0f | | 13 | 10 | 155 | 0.08 | 1.63 | kx | BUD | 17002538 | BUD | | | 207 |
| 2021/09/09 | 08:10:13.48 | 0.94 | 1.02 | 48.2470 | 21.2460f | | | | 0.0f | | 13 | 10 | 151 | 0.05 | 1.63 | kx | BUD_GT | 17002539 | BUD_GT | | | 204 |

(locality : Tallya Hungary)

(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.9 | 0.5 | 3 BUD_GT | 17002539 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 08:10:15.993 | 0.9 | | | | | T__ | | 5904.4 | | --- | ML | 2.2 | 6910550 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 08:10:16.575 | -0.1 | | | | | T__ | | | | --- | | 6910551 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 08:10:24.372 | 0.3 | | | | | T__ | | 72.3 | | --- | ML | 1.5 | 6910552 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 08:10:31.019 | -1.1 | | | | | T__ | | | | --- | | 6910553 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Lg | 08:10:32.116 | -0.3 | | | | | T__ | | | | --- | | 6910554 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| KECS | 0.56 | 295.3 | Lg | 08:10:32.983 | -0.3 | T__ | --- | 6910555 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | | |
| TRPA | 0.87 | 97.2 | Lg | 08:10:43.694 | -1.2 | T__ | --- | 6910556 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| PSZ | 0.96 | 250.6 | Lg | 08:10:46.192 | -2.0 | T__ | --- | 6910557 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | | |
| KOLS | 0.97 | 44.4 | Lg | 08:10:46.735 | -1.0 | T__ | --- | 6910558 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | |
| ET1H | 0.99 | 248.7 | Pg | 08:10:33.979 | -0.3 | T__ | 63.3 | --- | ML | 1.9 | 6910560 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 08:10:47.050 | -1.7 | T__ | --- | 6910559 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 1.33 | 332.3 | Sn | 08:10:58.530 | 0.1 | T__ | --- | 6910561 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | | | |
| VVHS | 1.63 | 279.6 | Sn | 08:11:05.825 | 0.6 | T__ | --- | 6910562 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/09 | 08:56:36.80 | 4.23 | 1.61 | 46.6994 | 22.9087 | 31.7 | 19.7 | 81 | 0.0f | 4 | 2 | 299 | 0.16 | 0.97 | sx | BUD | 17002540 | BUD | | | | 360 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.16 | 304.3 | Pg | 08:56:40.614 | 0.2 | | | | | T__ | | 334.8 | | --- | ML | 1.3 | 6910714 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.16 | 304.3 | Lg | 08:56:43.335 | -0.3 | | | | | T__ | | | | --- | | 6910715 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.97 | 243.9 | Pn | 08:56:55.111 | -1.5 | | | | | T__ | | 134.5 | | --- | ML | 2.2 | 6910717 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.97 | 243.9 | Lg | 08:57:10.591 | 0.6 | | | | | T__ | | | | --- | | 6910716 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/09/09 | 09:04:30.93 | 1.39 | 0.83 | 46.1116 | 22.8417 | 10.9 | 6.7 | 60 | 0.0f | 8 | 6 | 142 | 0.23 | 0.99 | sx | BUD | 17002542 | BUD | | | | | 214 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.23 | 169.3 | Pg | 09:04:35.773 | 0.4 | | | | | T__ | | 681.6 | | --- | ML | 1.8 | 6910757 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.23 | 169.3 | Lg | 09:04:37.975 | -0.7 | | | | | T__ | | | | --- | | 6910758 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.69 | 352.5 | Lg | 09:04:55.314 | -0.6 | | | | | T__ | | | | --- | | 6910761 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.72 | 183.6 | Pg | 09:04:45.230 | 0.5 | | | | | T__ | | 55.8 | | --- | ML | 1.6 | 6910760 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.72 | 183.6 | Lg | 09:04:54.313 | -0.6 | | | | | T__ | | | | --- | | 6910759 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.84 | 281.2 | Lg | 09:04:59.730 | -0.4 | | | | | T__ | | | | --- | | 6910762 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 0.93 | 135.3 | Lg | 09:05:01.145 | -1.2 | | | | | T__ | | | | --- | | 6910763 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 0.99 | 240.4 | Lg | 09:05:03.495 | -0.6 | | | | | T__ | | | | --- | | 6910764 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/09/09 | 09:13:53.69 | 0.90 | 1.03 | 47.4443 | 21.8227 | 5.4 | 4.5 | 82 | 0.0f | 24 | 15 | 101 | 0.08 | 2.16 | sx | BUD | 17002544 | BUD | | | | | 125 |

Magnitude Err Nsta Author OrigID

ML 2.1 0.1 10 BUD 17002544

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| LTVH | 0.08 | 138.3 | Pg | 09:13:56.777 | 0.8 | | | | | T__ | | 4480.0 | | _c_ | ML | 2.2 | 6910856 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| LTVH | 0.08 | 138.3 | Lg | 09:13:58.629 | 0.5 | | | | | T__ | | | | --- | | 6910863 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.48 | 283.3 | Pg | 09:14:04.369 | 0.3 | | | | | T__ | | 250.1 | | --- | ML | 2.0 | 6910864 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU05A | 0.48 | 283.3 | Lg | 09:14:12.214 | -0.2 | | | | | T__ | | | | --- | | 6910874 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 0.54 | 6.5 | Pg | 09:14:05.033 | 0.2 | | | | | T__ | | 332.1 | | --- | ML | 2.3 | 6910865 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU07A | 0.54 | 6.5 | Lg | 09:14:13.590 | -1.0 | | | | | T__ | | | | --- | | 6910858 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU24A | 0.70 | 220.5 | Pg | 09:14:08.750 | 0.2 | | | | | T__ | | 185.7 | | --- | ML | 2.2 | 6910859 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU24A | 0.70 | 220.5 | Lg | 09:14:18.692 | -1.3 | | | | | T__ | | | | --- | | 6910860 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.84 | 34.9 | Pg | 09:14:10.524 | 0.3 | | | | | T__ | | 71.7 | | --- | ML | 1.8 | 6910862 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.84 | 34.9 | Lg | 09:14:22.016 | -2.2 | | | | | T__ | | | | --- | | 6910861 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.89 | 136.8 | Pg | 09:14:11.150 | -0.2 | | | | | T__ | | 131.8 | | --- | ML | 2.1 | 6910875 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.94 | 335.5 | Pg | 09:14:12.755 | 0.4 | | | | | T__ | | 82.0 | | --- | ML | 1.9 | 6910876 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.94 | 335.5 | Lg | 09:14:26.235 | -1.2 | | | | | T__ | | | | --- | | 6910866 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.11 | 308.3 | Sn | 09:14:30.937 | -1.7 | | | | | T__ | | | | --- | | 6910855 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| SIRR | 1.18 | 185.5 | Pn | 09:14:16.343 | -0.1 | | | | | T__ | | 37.0 | | --- | ML | 1.7 | 6910871 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 1.18 | 185.5 | Sn | 09:14:32.253 | -2.0 | | | | | T__ | | | | --- | | 6910867 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.36 | 321.1 | Pg | 09:14:20.906 | 0.3 | | | | | T__ | | 38.6 | | --- | ML | 1.8 | 6910872 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.36 | 321.1 | Sn | 09:14:38.117 | -0.3 | | | | | T__ | | | | --- | | 6910877 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.37 | 319.7 | Sn | 09:14:38.698 | -0.1 | | | | | T__ | | | | --- | | 6910868 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| PSZ | 1.39 | 290.7 | Sn | 09:14:38.924 | -0.5 | | | | | T__ | | | | --- | | 6910878 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.39 | 289.0 | Sn | 09:14:39.214 | 0.2 | | | | | T__ | | | | --- | | 6910869 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 1.52 | 11.3 | Pg | 09:14:23.620 | 1.1 | | | | | T__ | | | | --- | | 6910873 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 1.52 | 11.3 | Sn | 09:14:44.964 | 1.7 | | | | | T__ | | | | --- | | 6910870 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 2.16 | 161.8 | Pn | 09:14:30.078 | -0.4 | | | | | T__ | | 40.8 | | --- | ML | 2.3 | 6910857 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|--------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/09 | 09:33:50.98 | 0.99 | 1.05 | 46.0629 | 22.0272 | 6.9 | 4.7 | 47 | 0.0f | | 8 | 5 | 95 | 0.33 | 1.37 | sx | BUD | 17002546 | BUD | | | 179 |
| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | |

ML 1.6 0.1 3 BUD 17002546

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|--|
| SIRR | 0.33 | 308.8 | Pg | 09:33:58.467 | 0.4 | | | | | T__ | | 103.3 | | _c_ | ML 1.2 | 6910917 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| SIRR | 0.33 | 308.8 | Lg | 09:34:02.898 | -0.7 | | | | | T__ | | | | --- | | 6910918 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.53 | 212.9 | Lg | 09:34:08.532 | -0.7 | | | | | T__ | | | | --- | | 6910919 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.85 | 141.6 | Pg | 09:34:07.736 | 0.5 | | | | | T__ | | 51.0 | | --- | ML 1.7 | 6910920 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| GZR | 0.85 | 141.6 | Lg | 09:34:19.062 | -0.1 | | | | | T__ | | | | --- | | 6910921 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.87 | 32.7 | Pg | 09:34:08.713 | 0.3 | | | | | T__ | | 45.8 | | --- | ML 1.6 | 6910923 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| DRGR | 0.87 | 32.7 | Lg | 09:34:20.344 | -1.0 | | | | | T__ | | | | --- | | 6910922 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.37 | 116.1 | Lg | 09:34:35.004 | -1.7 | | | | | T__ | | | | --- | | 6910924 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/09 | 10:00:10.61 | 1.30 | 1.22 | 47.3821 | 18.4156 | 9.5 | 4.5 | 136 | 0.0f | | 11 | 10 | 109 | 0.11 | 1.18 | | sx BUD | 17002548 | BUD | | | 177 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.4 | 3 BUD | 17002548 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|--|
| MSW1 | 0.11 | 275.9 | Pg | 10:00:14.364 | 1.0 | | | | | T__ | | 495.8 | | --- | ML 1.3 | 6910974 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.11 | 259.8 | Pg | 10:00:14.238 | 0.8 | | | | | T__ | | 891.2 | | _c_ | ML 1.5 | 6910965 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CSKK | 0.11 | 259.8 | Lg | 10:00:14.979 | -1.1 | | | | | T__ | | | | --- | | 6910966 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.16 | 240.2 | Pg | 10:00:15.047 | 0.6 | | | | | T__ | | 171.4 | | --- | ML 1.0 | 6910975 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.26 | 355.0 | Lg | 10:00:20.821 | -0.3 | | | | | T__ | | | | --- | | 6910967 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.34 | 278.6 | Lg | 10:00:22.293 | -1.5 | | | | | T__ | | | | --- | | 6910968 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.62 | 41.1 | Lg | 10:00:32.825 | -0.8 | | | | | T__ | | | | --- | | 6910969 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.10 | 62.7 | Sn | 10:00:48.368 | -1.0 | | | | | T__ | | | | --- | | 6910970 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.13 | 61.2 | Sn | 10:00:49.356 | -1.3 | | | | | T__ | | | | --- | | 6910971 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.15 | 14.1 | Lg | 10:00:49.824 | -0.8 | | | | | T__ | | | | --- | | 6910973 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.18 | 172.3 | Sn | 10:00:49.292 | -1.5 | | | | | T__ | | | | --- | | 6910972 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/09 | 11:07:51.18 | 0.76 | 0.88 | 47.7723 | 17.6394 | 2.9 | 2.3 | 26 | 1.0f | | 34 | 22 | 46 | 0.39 | 1.53 | | ke BUD | 17002550 | BUD | | | 82 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.2 | 11 BUD | 17002550 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|--------|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| HU08A | 0.39 | 150.5 | Pg | 11:07:59.537 | 0.4 | T__ | 85.0 | _d_ ML | 1.3 | 6911149 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU08A | 0.39 | 150.5 | Lg | 11:08:04.358 | -1.1 | T__ | | --- | | 6911169 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A003A | 0.40 | 268.3 | Pg | 11:08:00.125 | 0.8 | T__ | 634.2 | ___ ML | 2.2 | 6911167 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A003A | 0.40 | 268.3 | Lg | 11:08:05.696 | 0.5 | T__ | | --- | | 6911168 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.41 | 210.5 | Pg | 11:07:59.824 | 0.2 | T__ | 706.2 | ___ ML | 2.3 | 6911144 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| EGYH | 0.41 | 210.5 | Lg | 11:08:05.065 | -0.7 | T__ | | --- | | 6911150 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| SRD | 0.46 | 84.6 | Pg | 11:08:01.874 | 1.5 | T__ | 1235.8 | ___ ML | 2.7 | 6911152 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| SRD | 0.46 | 84.6 | Lg | 11:08:07.468 | -0.4 | T__ | | --- | | 6911151 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.52 | 104.7 | Lg | 11:08:09.619 | -0.5 | T__ | | --- | | 6911153 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ZST | 0.56 | 319.8 | Pg | 11:08:02.754 | 0.3 | T__ | | --- | | 6911155 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.56 | 319.8 | Lg | 11:08:09.898 | -0.9 | T__ | | --- | | 6911154 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.57 | 131.9 | Lg | 11:08:11.292 | -0.4 | T__ | | --- | | 6911170 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| CSSK | 0.59 | 134.0 | Lg | 11:08:10.838 | -1.6 | T__ | | --- | | 6911156 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MPLH | 0.61 | 186.5 | Pg | 11:08:04.054 | 0.7 | T__ | 173.1 | ___ ML | 2.1 | 6911148 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MPLH | 0.61 | 186.5 | Lg | 11:08:11.393 | -0.8 | T__ | | --- | | 6911157 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.61 | 140.3 | Pg | 11:08:03.993 | 0.7 | T__ | 75.5 | ___ ML | 1.7 | 6911172 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MSW2 | 0.61 | 140.3 | Lg | 11:08:11.973 | -1.1 | T__ | | --- | | 6911171 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.65 | 338.2 | Pg | 11:08:04.701 | 0.4 | T__ | | --- | | 6911141 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.65 | 338.2 | Lg | 11:08:13.362 | -0.9 | T__ | | --- | | 6911142 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| SOP | 0.74 | 263.4 | Lg | 11:08:15.423 | -0.1 | T__ | | --- | | 6911158 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.91 | 265.9 | Pg | 11:08:09.394 | 0.2 | T__ | 49.6 | ___ ML | 1.7 | 6911145 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.91 | 265.9 | Lg | 11:08:20.886 | -0.2 | T__ | | --- | | 6911159 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.93 | 85.0 | Lg | 11:08:23.530 | -1.0 | T__ | | --- | | 6911173 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| BUD | 0.98 | 106.6 | Sn | 11:08:24.892 | -1.3 | T__ | | --- | | 6911174 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.08 | 47.5 | Pn | 11:08:12.724 | 0.2 | T__ | 22.9 | ___ ML | 1.5 | 6911146 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | |
| VYHS | 1.08 | 47.5 | Lg | 11:08:27.041 | -1.3 | T__ | | --- | | 6911160 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.09 | 1.1 | Pn | 11:08:13.176 | 0.3 | T__ | 62.1 | ___ ML | 1.9 | 6911143 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JAVC | 1.09 | 1.1 | Lg | 11:08:27.659 | -1.6 | T__ | | --- | | 6911161 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CONA | 1.21 | 278.1 | Pn | 11:08:14.486 | -0.1 | T__ | 40.5 | ___ ML | 1.8 | 6911147 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CONA | 1.21 | 278.1 | Lg | 11:08:30.022 | -0.5 | T__ | | --- | | 6911162 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.51 | 85.1 | Sn | 11:08:40.310 | 1.1 | T__ | | --- | | 6911164 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.53 | 83.7 | Sn | 11:08:39.765 | -0.4 | T__ | | --- | | 6911166 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 1.53 | 250.8 | Sn | 11:08:39.774 | 0.8 | T__ | | --- | | 6911163 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

KRUC 1.53 327.8 Pn 11:08:20.094 1.2 T__ 33.6 ___ ML 1.9 6911165 FDSN CZ -- BUD iLoc HHZ HHZ _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/09 | 11:17:10.31 | 1.31 | 1.36 | 48.8681 | 21.1292 | 7.5 | 6.1 | 9 | 0.0f | | 12 | 9 | 129 | 0.54 | 1.30 | sx | BUD | 17002552 | BUD | | | 216 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 3 BUD | 17002552 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.54 | 226.6 | Pg | 11:17:21.894 | 0.8 | | | | | T__ | | 44.9 | | ___ | ML | 1.5 | 6911219 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.54 | 226.6 | Lg | 11:17:28.623 | -0.6 | | | | | T__ | | | | --- | | 6911220 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.57 | 228.2 | Pg | 11:17:22.727 | 0.9 | | | | | T__ | | 82.8 | | ___ | ML | 1.7 | 6911222 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.57 | 228.2 | Lg | 11:17:29.553 | -0.9 | | | | | T__ | | | | --- | | 6911221 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.58 | 172.7 | Pg | 11:17:22.725 | 0.8 | | | | | T__ | | 66.0 | | ___ | ML | 1.6 | 6911224 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.58 | 172.7 | Lg | 11:17:30.063 | -1.5 | | | | | T__ | | | | --- | | 6911223 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.76 | 84.6 | Lg | 11:17:36.070 | -1.0 | | | | | T__ | | | | --- | | 6911226 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.77 | 315.6 | Lg | 11:17:34.743 | -1.3 | | | | | T__ | | | | --- | | 6911225 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU02A | 0.85 | 208.5 | Lg | 11:17:39.171 | -1.6 | | | | | T__ | | | | --- | | 6911227 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| TRPA | 1.19 | 127.7 | Lg | 11:17:50.167 | -1.1 | | | | | T__ | | | | --- | | 6911228 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.26 | 221.3 | Sn | 11:17:51.495 | -1.9 | | | | | T__ | | | | --- | | 6911229 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.30 | 220.7 | Sn | 11:17:52.715 | -1.1 | | | | | T__ | | | | --- | | 6911230 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/09 | 11:27:47.68 | 1.29 | 0.45 | 47.8713 | 16.0545 | 19.0 | 3.9 | 32 | 0.0f | | 6 | 4 | 125 | 0.14 | 1.21 | sx | BUD | 17002554 | BUD | | | 248 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.14 | 293.8 | Pg | 11:27:51.043 | 0.3 | | | | | T__ | | 86.5 | | ___ | ML | 0.6 | 6911263 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.14 | 293.8 | Lg | 11:27:52.261 | -0.7 | | | | | T__ | | | | --- | | 6911264 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.24 | 136.4 | Pg | 11:27:52.721 | 0.0 | | | | | T__ | | 45.4 | | ___ | ML | 0.6 | 6911267 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.24 | 136.4 | Lg | 11:27:56.207 | 0.0 | | | | | T__ | | | | --- | | 6911266 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.67 | 259.4 | Lg | 11:28:09.079 | -0.1 | | | | | T__ | | | | --- | | 6911265 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.21 | 10.6 | Sn | 11:28:28.311 | -0.2 | | | | | T__ | | | | --- | | 6911268 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/09 | 11:33:17.62 | 1.74 | 0.40 | 48.5074 | 20.8189 | 14.7 | 6.0 | 20 | 0.0f | | 6 | 4 | 220 | 0.19 | 0.43 | sx | BUD | 17002556 | BUD | | | 300 |

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|--------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| JOS | 0.19 | 266.5 | Pg | 11:33:21.779 | 0.2 | | | | | T__ | | 181.8 | | ___ | ML | 1.1 | 6911289 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 266.5 | Lg | 11:33:24.327 | -0.3 | | | | | T__ | | | | --- | | 6911288 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 263.9 | Pg | 11:33:22.458 | 0.2 | | | | | T__ | | 444.8 | | ___ | ML | 1.6 | 6911290 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.22 | 263.9 | Lg | 11:33:25.504 | -0.4 | | | | | T__ | | | | --- | | 6911291 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.35 | 126.9 | Lg | 11:33:30.817 | -0.3 | | | | | T__ | | | | --- | | 6911292 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.43 | 207.1 | Lg | 11:33:33.956 | 0.0 | | | | | T__ | | | | --- | | 6911293 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/10 | 06:41:11.96 | 4.49 | 0.93 | 46.8415 | 22.7607 | 27.8 | 21.9 | 150 | 0.0f | | 4 | 3 | 319 | 0.06 | 1.45 | sx | BUD | 17002564 | BUD | | | 354 |

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|--------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| DRGR | 0.06 | 214.3 | Pg | 06:41:13.596 | 0.0 | | | | | T__ | | 86.9 | | ___ | ML | 0.4 | 6911689 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.06 | 214.3 | Lg | 06:41:15.111 | -0.0 | | | | | T__ | | | | --- | | 6911690 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DEV | 0.96 | 174.1 | Lg | 06:41:43.947 | 0.1 | | | | | T__ | | | | --- | | 6911691 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.45 | 179.6 | Sn | 06:41:58.509 | -0.9 | | | | | T__ | | | | --- | | 6911692 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/09/10 | 07:16:41.54 | 0.78 | 1.17 | 47.8981 | 19.4110 | 4.5 | 2.3 | 166 | 0.0f | | 32 | 20 | 63 | 0.13 | 1.63 | kx | BUD | 17002566 | BUD | | | 98 |
| 2021/09/10 | 07:16:41.39 | 0.77 | 0.88 | 47.8920 | 19.4049f | | | | 0.0f | | 32 | 20 | 63 | 0.13 | 1.64 | kx | BUD_GT | 17002567 | BUD_GT | | | 98 |

(locality : Bercel Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|--------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| ML | 2.0 | 0.1 | 14 | BUD_GT | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.13 | 84.8 | Pg | 07:16:45.625 | 1.1 | | | | | T__ | | 2607.6 | | ___ | ML | 2.1 | 6911874 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.13 | 84.8 | Lg | 07:16:47.093 | -0.0 | | | | | T__ | | | | --- | | 6911875 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.26 | 259.9 | Pg | 07:16:48.075 | 0.9 | | | | | T__ | | 1179.5 | | ___ | ML | 2.1 | 6911876 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.26 | 259.9 | Lg | 07:16:51.294 | -0.6 | | | | | T__ | | | | --- | | 6911877 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.31 | 92.2 | Pg | 07:16:49.089 | 0.7 | | | | | T__ | | 194.1 | | ___ | ML | 1.5 | 6911890 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.31 | 92.2 | Lg | 07:16:53.156 | -0.4 | | | | | T__ | | | | --- | | 6911878 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| PSZ | 0.33 | 85.2 | Pg | 07:16:49.375 | 0.5 | T__ | 294.7 | --- | ML | 1.7 | 6911873 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.33 | 85.2 | Lg | 07:16:53.392 | -1.2 | T__ | | --- | | | 6911891 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BUD | 0.48 | 212.3 | Lg | 07:16:58.872 | -0.8 | T__ | | --- | | | 6911892 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU23A | 0.62 | 113.6 | Lg | 07:17:03.419 | -1.0 | T__ | | --- | | | 6911893 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| VYHS | 0.71 | 327.9 | Pg | 07:16:56.727 | 0.8 | T__ | 35.7 | --- | ML | 1.4 | 6911879 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.71 | 327.9 | Lg | 07:17:05.611 | -0.9 | T__ | | --- | | | 6911894 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.73 | 250.2 | Pg | 07:16:57.167 | 0.9 | T__ | 345.3 | --- | ML | 2.4 | 6911895 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.73 | 250.2 | Lg | 07:17:06.709 | -1.7 | T__ | | --- | | | 6911880 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.79 | 72.6 | Pg | 07:16:57.750 | 0.0 | T__ | 85.6 | --- | ML | 1.9 | 6911872 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.79 | 72.6 | Lg | 07:17:08.412 | -1.7 | T__ | | --- | | | 6911896 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.93 | 50.3 | Pn | 07:17:00.987 | 0.3 | T__ | 222.2 | --- | ML | 2.4 | 6911881 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CSSK | 0.94 | 236.1 | Pn | 07:17:01.186 | 0.5 | T__ | 123.8 | --- | ML | 2.1 | 6911897 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JOS | 0.97 | 51.1 | Pn | 07:17:01.656 | 0.5 | T__ | 76.1 | --- | ML | 1.9 | 6911883 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.97 | 51.1 | Lg | 07:17:14.156 | -1.7 | T__ | | --- | | | 6911882 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW2 | 1.00 | 234.3 | Pn | 07:17:02.433 | 0.9 | T__ | 83.8 | --- | ML | 2.0 | 6911902 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 1.00 | 234.3 | Lg | 07:17:17.144 | -0.2 | T__ | | --- | | | 6911903 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU04A | 1.08 | 177.4 | Sn | 07:17:18.601 | -0.5 | T__ | | --- | | | 6911898 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU08A | 1.10 | 245.8 | Pg | 07:17:03.921 | 0.6 | T__ | 127.0 | --- | ML | 2.2 | 6911884 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 1.10 | 245.8 | Sn | 07:17:18.921 | -1.2 | T__ | | --- | | | 6911885 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ABAH | 1.29 | 71.1 | Pg | 07:17:07.718 | 0.9 | T__ | 59.3 | --- | ML | 2.0 | 6911887 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 1.29 | 71.1 | Sn | 07:17:24.437 | -0.1 | T__ | | --- | | | 6911886 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A331A | 1.48 | 328.4 | Pg | 07:17:09.967 | -0.5 | T__ | 233.3 | --- | ML | 2.7 | 6911888 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A331A | 1.48 | 328.4 | Sn | 07:17:29.481 | -0.7 | T__ | | --- | | | 6911899 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MODS | 1.50 | 289.5 | Sn | 07:17:30.268 | -0.3 | T__ | | --- | | | 6911889 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 1.51 | 310.6 | Sn | 07:17:29.887 | -1.4 | T__ | | --- | | | 6911900 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| NIE | 1.64 | 20.9 | Lg | 07:17:36.301 | 0.1 | T__ | | --- | | | 6911901 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/10 | 07:53:38.67 | 0.94 | 1.45 | 48.4005 | 17.2265 | 4.7 | 3.6 | 144 | 0.0f | 8 | 4 | 127 | 0.04 | 0.55 | sx | BUD | 17002568 | BUD | | | 223 | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.04 | 128.4 | Pg | 07:53:41.368 | 1.1 | | | | | T__ | | | | | | 6911950 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.04 | 128.4 | Lg | 07:53:41.790 | -0.0 | | | | | T__ | | | | | | 6911957 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ZST | 0.22 | 202.1 | Pg | 07:53:43.634 | 0.0 | | | | | T__ | | | | | | 6911951 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.22 | 202.1 | Lg | 07:53:45.978 | -1.6 | | | | | T__ | | | | | | 6911954 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A002B | 0.42 | 265.1 | Pg | 07:53:48.666 | 1.4 | | | | | T__ | | 501.0 | | | ML | 2.2 | 6911952 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A002B | 0.42 | 265.1 | Lg | 07:53:52.932 | -0.8 | | | | | T__ | | | | | | 6911955 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.55 | 32.5 | Pg | 07:53:50.296 | 0.2 | | | | | T__ | | 59.2 | | | ML | 1.6 | 6911953 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.55 | 32.5 | Lg | 07:53:56.859 | -2.0 | | | | | T__ | | | | | | 6911956 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/10 | 07:57:00.96 | 1.95 | 1.14 | 46.1296 | 18.0286 | 15.7 | 6.4 | 138 | 0.0f | 5 | 3 | 223 | 0.06 | 0.44 | | sx | BUD | 17002570 | BUD | | | 308 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.06 | 129.7 | Pg | 07:57:03.563 | 0.6 | | | | | T__ | | 725.1 | | | _c ML | 1.3 | 6911975 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.06 | 129.7 | Lg | 07:57:04.056 | -0.8 | | | | | T__ | | | | | | 6911976 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.26 | 214.8 | Lg | 07:57:09.921 | -0.8 | | | | | T__ | | | | | | 6911977 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 0.44 | 78.5 | Pg | 07:57:10.469 | 0.4 | | | | | T__ | | 20.8 | | | ML | 0.8 | 6911978 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.44 | 78.5 | Lg | 07:57:16.219 | -0.9 | | | | | T__ | | | | | | 6911979 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/10 | 09:42:05.17 | 4.47 | 1.72 | 46.8416 | 22.7476 | 39.1 | 17.8 | 141 | 0.0f | 5 | 3 | 305 | 0.06 | 1.56 | | sx | BUD | 17002572 | BUD | | | 333 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.06 | 206.6 | Pg | 09:42:06.701 | -0.0 | | | | | T__ | | 180.7 | | | _c ML | 0.7 | 6912034 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.06 | 206.6 | Lg | 09:42:08.233 | 0.1 | | | | | T__ | | | | | | 6912036 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.45 | 179.2 | Pg | 09:42:32.811 | 0.2 | | | | | T__ | | 25.0 | | | ML | 1.7 | 6912035 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.45 | 179.2 | Sn | 09:42:51.498 | -1.2 | | | | | T__ | | | | | | 6912037 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.56 | 152.6 | Sn | 09:42:53.860 | -2.1 | | | | | T__ | | | | | | 6912038 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

2021/09/10 10:00:39.99 1.17 1.09 48.1867 16.8747 11.1 5.3 141 0.0f 8 5 173 0.15 1.34 sx BUD 17002574 BUD 311

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZST | 0.15 | 86.4 | Pg | 10:00:44.234 | 0.6 | | | | | T__ | | | | | | 6912059 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.15 | 86.4 | Lg | 10:00:45.734 | -1.0 | | | | | T__ | | | | | | 6912060 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.33 | 55.0 | Pg | 10:00:47.778 | 0.7 | | | | | T__ | | | | | | 6912058 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.33 | 55.0 | Lg | 10:00:52.106 | -0.7 | | | | | T__ | | | | | | 6912061 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.86 | 37.9 | Lg | 10:01:09.958 | -0.8 | | | | | T__ | | | | | | 6912062 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| ARSA | 1.31 | 224.8 | Pg | 10:01:05.523 | -0.3 | | | | | T__ | | 28.1 | | --- | ML | 1.7 | 6912064 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 1.31 | 224.8 | Lg | 10:01:21.398 | -0.2 | | | | | T__ | | | | | | 6912063 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.34 | 76.0 | Sn | 10:01:23.474 | -1.7 | | | | | T__ | | | | | | 6912065 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/09/10 10:05:38.21 1.48 0.82 46.0360 22.8595 9.5 8.5 58 0.0f 8 5 140 0.16 0.96 sx BUD 17002576 BUD 247

Magnitude Err Nsta Author OrigID
 ML 1.7 0.4 3 BUD 17002576

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.16 | 168.7 | Pg | 10:05:41.375 | 0.2 | | | | | T__ | | 1940.9 | | --- | ML | 2.0 | 6912085 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.16 | 168.7 | Lg | 10:05:43.156 | -0.2 | | | | | T__ | | | | | | 6912089 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.65 | 185.2 | Pg | 10:05:51.114 | 0.5 | | | | | T__ | | 34.9 | | --- | ML | 1.4 | 6912086 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.65 | 185.2 | Lg | 10:05:59.021 | -0.8 | | | | | T__ | | | | | | 6912090 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.76 | 352.3 | Lg | 10:06:04.861 | -0.6 | | | | | T__ | | | | | | 6912091 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 0.87 | 132.4 | Pg | 10:05:55.294 | 0.4 | | | | | T__ | | 54.4 | | --- | ML | 1.7 | 6912087 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.87 | 132.4 | Lg | 10:06:06.262 | -1.3 | | | | | T__ | | | | | | 6912092 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.96 | 244.7 | Lg | 10:06:10.110 | -0.5 | | | | | T__ | | | | | | 6912088 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/09/10 10:17:49.87 1.31 0.88 46.0555 21.8482 10.9 6.2 77 0.0f 6 5 128 0.25 1.48 sx BUD 17002578 BUD 198

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SIRR | 0.25 | 328.4 | Lg | 10:17:59.375 | -0.5 | | | | | T__ | | | | | | 6912112 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 0.47 | 200.3 | Pg | 10:17:59.570 | 0.4 | | | | | T__ | | 45.0 | | --- | ML | 1.3 | 6912117 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.47 | 200.3 | Lg | 10:18:05.454 | -0.6 | | | | | T__ | | | | | | 6912114 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.93 | 135.2 | Lg | 10:18:20.000 | -0.6 | | | | | T__ | | | | | | 6912113 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| DRGR | 0.95 | 38.7 | Lg | 10:18:23.204 | 0.4 | T__ | --- | 6912115 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ |
| LOT | 1.48 | 113.6 | Sn | 10:18:37.329 | -1.1 | T__ | --- | 6912116 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/09/10 | 11:00:17.69 | 0.93 | 0.76 | 47.6914 | 18.7274 | 4.9 | 3.4 | 143 | 0.0f | 13 | 10 | 107 | 0.24 | 0.82 | ke | BUD | 17002580 | BUD | | | | 154 |
| 2021/09/10 | 11:00:17.35 | 0.93 | 0.66 | 47.7180 | 18.7130f | | | | 0.0f | 13 | 10 | 115 | 0.24 | 0.82 | kx | BUD_GT | 17002581 | BUD_GT | | | | 167 |

(locality : Dorog Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.4 | 0.3 | 3 BUD_GT | 17002581 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| HU09A | 0.24 | 250.5 | Lg | 11:00:27.525 | 0.4 | | | | | T__ | | | | | | 6912206 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| HU10A | 0.24 | 58.2 | Lg | 11:00:28.433 | 1.3 | | | | | T__ | | | | | | 6912207 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| BUD | 0.32 | 138.0 | Lg | 11:00:30.337 | 0.4 | | | | | T__ | | | | | | 6912208 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MSW1 | 0.45 | 223.6 | Lg | 11:00:34.217 | -0.2 | | | | | T__ | | | | | | 6912213 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| CSKK | 0.47 | 221.0 | Lg | 11:00:34.102 | -1.1 | | | | | T__ | | | | | | 6912209 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| MSW2 | 0.54 | 219.5 | Lg | 11:00:37.342 | -0.1 | | | | | T__ | | | | | | 6912214 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| A271A | 0.57 | 171.7 | Lg | 11:00:38.929 | 0.3 | | | | | T__ | | | | | | 6912210 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| VYHS | 0.78 | 6.0 | Pn | 11:00:34.943 | 0.2 | | | | | T__ | | 10.9 | | | | 6912211 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.78 | 6.0 | Lg | 11:00:45.803 | 1.0 | | | | | T__ | | | | | | 6912202 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.80 | 77.9 | Pg | 11:00:34.086 | -0.1 | | | | | T__ | | 27.1 | | | | 6912204 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.80 | 77.9 | Lg | 11:00:46.281 | 0.1 | | | | | T__ | | | | | | 6912212 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.82 | 75.4 | Pg | 11:00:34.401 | -0.4 | | | | | T__ | | 40.2 | | | | 6912203 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.82 | 75.4 | Lg | 11:00:46.564 | -0.8 | | | | | T__ | | | | | | 6912205 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/09/13 | 05:46:05.41 | 1.36 | 1.16 | 48.4503 | 21.4918 | 8.8 | 7.1 | 165 | 0.0f | 12 | 9 | 132 | 0.23 | 1.85 | sx | BUD | 17002586 | BUD | | | | | 199 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 3 BUD | 17002586 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| ABAH | 0.23 | 227.5 | Pg | 05:46:11.095 | 0.7 | | | | | T__ | | 379.1 | | | | 6913449 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.23 | 227.5 | Lg | 05:46:13.809 | -0.9 | | | | | T__ | | | | | | 6913450 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.64 | 274.5 | Lg | 05:46:27.572 | -0.2 | | | | | T__ | | | | | | 6913460 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ |
| KECS | 0.67 | 273.2 | Pg | 05:46:19.187 | 0.4 | | | | | T__ | | 108.2 | | | | 6913451 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.67 | 273.2 | Lg | 05:46:28.492 | -0.5 | | | | | T__ | | | | | | 6913452 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.71 | 46.7 | Lg | 05:46:30.059 | -0.5 | | | | | T__ | | | | | | 6913453 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU02A | 0.72 | 243.4 | Pg | 05:46:20.593 | 0.1 | T__ | 54.6 | ___ | ML | 1.6 | 6913455 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.72 | 243.4 | Lg | 05:46:30.341 | -1.4 | T__ | | --- | | | 6913454 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.77 | 114.2 | Lg | 05:46:31.991 | -1.4 | T__ | | --- | | | 6913456 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| PSZ | 1.19 | 244.1 | Sn | 05:46:45.436 | -1.5 | T__ | | --- | | | 6913457 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 1.23 | 242.8 | Sn | 05:46:46.119 | -1.0 | T__ | | --- | | | 6913458 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| DRGR | 1.85 | 153.1 | Sn | 05:47:04.585 | 1.7 | T__ | | --- | | | 6913459 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/13 | 07:38:52.57 | 0.94 | 0.84 | 46.9662 | 17.2925 | 6.5 | 4.0 | 150 | 0.0f | | 11 | 7 | 88 | 0.10 | 1.37 | sx | BUD | 17002588 | BUD | | | 173 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.5 | 4 BUD | 17002588 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.10 | 261.9 | Pg | 07:38:55.373 | 0.1 | | | | | T__ | | 14821.8 | | --- | ML | 2.7 | 6913523 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.10 | 261.9 | Lg | 07:38:56.591 | -0.9 | | | | | T__ | | | | --- | | 6913524 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.26 | 39.5 | Pg | 07:38:59.003 | 0.5 | | | | | T__ | | 124.3 | | --- | ML | 1.1 | 6913515 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.26 | 39.5 | Lg | 07:39:01.910 | -1.3 | | | | | T__ | | | | --- | | 6913517 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.33 | 177.3 | Lg | 07:39:04.178 | -0.5 | | | | | T__ | | | | --- | | 6913518 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOGS | 0.88 | 234.5 | Lg | 07:39:22.884 | 1.3 | | | | | T__ | | | | --- | | 6913519 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| KOVH | 1.04 | 147.3 | Pn | 07:39:13.006 | -0.2 | | | | | T__ | | 49.2 | | --- | ML | 1.8 | 6913525 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.04 | 147.3 | Lg | 07:39:27.968 | -0.2 | | | | | T__ | | | | --- | | 6913520 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.20 | 128.4 | Pn | 07:39:15.594 | 0.3 | | | | | T__ | | 30.9 | | --- | ML | 1.7 | 6913526 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.20 | 128.4 | Sn | 07:39:32.164 | -0.6 | | | | | T__ | | | | --- | | 6913521 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.37 | 315.3 | Lg | 07:39:37.599 | 0.4 | | | | | T__ | | | | --- | | 6913522 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/09/13 | 08:19:35.84 | 1.01 | 0.36 | 47.9507 | 16.0727 | 6.6 | 4.3 | 13 | 0.0f | | 6 | 4 | 112 | 0.14 | 1.13 | sx | BUD | 17002590 | BUD | | | | | 221 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.14 | 261.1 | Pg | 08:19:38.953 | 0.0 | | | | | T__ | | 138.1 | | --- | ML | 0.8 | 6913561 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.14 | 261.1 | Lg | 08:19:41.063 | -0.1 | | | | | T__ | | | | --- | | 6913563 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.29 | 149.0 | Pg | 08:19:42.014 | 0.1 | | | | | T__ | | 46.8 | | --- | ML | 0.8 | 6913564 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.29 | 149.0 | Lg | 08:19:46.092 | -0.0 | | | | | T__ | | | | --- | | 6913565 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|------|------|------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MODS | 0.91 | 61.9 | Lg | 08:20:08.033 | -0.4 | T__ | --- | 6913562 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| KRUC | 1.13 | 10.8 | Lg | 08:20:14.763 | 0.5 | T__ | --- | 6913566 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/13 | 08:25:23.93 | 1.42 | 1.06 | 48.8738 | 21.1414 | 9.3 | 7.5 | 132 | 0.0f | 9 | 6 | 130 | 0.55 | 1.27 | sx | BUD | 17002592 | BUD | | | | 253 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.0 | 3 BUD | 17002592 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.55 | 226.7 | Pg | 08:25:35.741 | 0.9 | | | | | T__ | | 42.1 | | --- | ML | 1.4 | 6913590 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.55 | 226.7 | Lg | 08:25:43.066 | -0.1 | | | | | T__ | | | | --- | | 6913591 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.58 | 228.3 | Pg | 08:25:36.087 | 0.5 | | | | | T__ | | 77.1 | | --- | ML | 1.7 | 6913593 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.58 | 228.3 | Lg | 08:25:43.716 | -0.7 | | | | | T__ | | | | --- | | 6913592 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.75 | 85.0 | Lg | 08:25:49.957 | -0.4 | | | | | T__ | | | | --- | | 6913595 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| NIE | 0.78 | 314.9 | Lg | 08:25:48.764 | -0.9 | | | | | T__ | | | | --- | | 6913594 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU02A | 0.86 | 208.8 | Pg | 08:25:41.598 | 0.0 | | | | | T__ | | 30.7 | | --- | ML | 1.5 | 6913597 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.86 | 208.8 | Lg | 08:25:53.229 | -1.5 | | | | | T__ | | | | --- | | 6913596 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.27 | 221.5 | Sn | 08:26:05.762 | -1.5 | | | | | T__ | | | | --- | | 6913598 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/13 | 08:56:02.95 | 4.20 | 0.88 | 46.8414 | 22.7796 | 53.5 | 20.5 | 142 | 0.0f | 6 | 4 | 306 | 0.07 | 1.47 | sx | BUD | 17002594 | BUD | | | | 340 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.07 | 223.4 | Pg | 08:56:04.778 | 0.0 | | | | | T__ | | 228.9 | | --- | ML | 0.8 | 6913620 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.07 | 223.4 | Lg | 08:56:06.221 | -0.2 | | | | | T__ | | | | --- | | 6913619 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.96 | 233.8 | Lg | 08:56:36.015 | -0.2 | | | | | T__ | | | | --- | | 6913621 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.45 | 180.1 | Pn | 08:56:29.369 | -0.5 | | | | | T__ | | 34.2 | | --- | ML | 1.8 | 6913623 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.45 | 180.1 | Sn | 08:56:49.529 | -0.9 | | | | | T__ | | | | --- | | 6913622 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.47 | 213.8 | Lg | 08:56:52.243 | 1.1 | | | | | T__ | | | | --- | | 6913624 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/13 | 10:33:37.09 | 1.64 | 1.45 | 48.0907 | 21.3691 | 10.3 | 7.5 | 161 | 0.0f | 11 | 8 | 114 | 0.22 | 1.59 | sx | BUD | 17002596 | BUD | | | | 172 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 3 BUD | 17002596 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.22 | 337.2 | Pg | 10:33:42.720 | 0.7 | | | | | T__ | | 1021.3 | | --- | ML | 1.9 | 6913649 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.22 | 337.2 | Lg | 10:33:44.866 | -1.5 | | | | | T__ | | | | --- | | 6913650 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.57 | 273.5 | Lg | 10:33:57.161 | -1.0 | | | | | T__ | | | | --- | | 6913651 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.69 | 306.5 | Pg | 10:33:51.723 | 0.9 | | | | | T__ | | 47.2 | | --- | ML | 1.6 | 6913652 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.69 | 306.5 | Lg | 10:34:00.308 | -1.0 | | | | | T__ | | | | --- | | 6913653 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.71 | 304.0 | Lg | 10:34:01.261 | -0.8 | | | | | T__ | | | | --- | | 6913654 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| TRPA | 0.79 | 86.7 | Lg | 10:34:03.637 | -2.1 | | | | | T__ | | | | --- | | 6913655 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.01 | 260.7 | Pn | 10:33:58.359 | 0.9 | | | | | T__ | | 55.4 | | --- | ML | 1.8 | 6913657 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.01 | 260.7 | Lg | 10:34:11.707 | -1.6 | | | | | T__ | | | | --- | | 6913656 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.03 | 258.7 | Lg | 10:34:12.576 | -1.1 | | | | | T__ | | | | --- | | 6913658 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| DRGR | 1.59 | 144.5 | Sn | 10:34:29.287 | 1.3 | | | | | T__ | | | | --- | | 6913659 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/13 | 11:00:59.83 | 0.90 | 1.11 | 48.3104 | 19.9058 | 4.8 | 3.1 | 128 | 0.0f | | 17 | 10 | 88 | 0.39 | 1.14 | sx | BUD | 17002598 | BUD | | | 140 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.0 | 7 BUD | 17002598 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.39 | 181.1 | Pg | 11:01:08.833 | 0.3 | | | | | T__ | | 174.2 | | --- | ML | 1.6 | 6913789 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.39 | 181.1 | Lg | 11:01:13.984 | -1.0 | | | | | T__ | | | | --- | | 6913790 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.42 | 65.7 | Pg | 11:01:09.267 | 0.8 | | | | | T__ | | 184.6 | | --- | ML | 1.7 | 6913787 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.42 | 65.7 | Lg | 11:01:14.371 | -0.6 | | | | | T__ | | | | --- | | 6913791 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.43 | 183.1 | Pg | 11:01:10.018 | 0.9 | | | | | T__ | | 82.5 | | --- | ML | 1.4 | 6913800 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.43 | 183.1 | Lg | 11:01:15.368 | -0.6 | | | | | T__ | | | | --- | | 6913793 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.45 | 114.2 | Pg | 11:01:10.519 | 1.0 | | | | | T__ | | 88.6 | | --- | ML | 1.5 | 6913801 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.45 | 114.2 | Lg | 11:01:15.867 | -1.1 | | | | | T__ | | | | --- | | 6913794 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.46 | 206.9 | Pg | 11:01:10.393 | 0.9 | | | | | T__ | | 110.0 | | --- | ML | 1.6 | 6913802 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.46 | 206.9 | Lg | 11:01:16.033 | -0.5 | | | | | T__ | | | | --- | | 6913795 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.46 | 66.0 | Pg | 11:01:09.710 | 0.6 | | | | | T__ | | 101.0 | | _c_ | ML | 1.6 | 6913786 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.46 | 66.0 | Lg | 11:01:15.368 | -0.9 | | | | | T__ | | | | --- | | 6913792 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.74 | 284.9 | Lg | 11:01:24.285 | -1.3 | | | | | T__ | | | | --- | | 6913796 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.89 | 90.4 | Lg | 11:01:29.935 | -1.5 | | | | | T__ | | | | --- | | 6913797 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|-----|--|--|--|------|--|--|--|-----|---------|---------|---------|------|-----|------|------|------|-----|-----|---|
| A338A | 1.08 | 254.7 | Sn | 11:01:36.027 | -2.0 | T__ | | | | | | | | | 6913798 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ | | |
| NIE | 1.14 | 13.1 | Pg | 11:01:22.291 | 1.0 | T__ | | | | 27.1 | | | | --- | ML | 1.6 | 6913799 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.14 | 13.1 | Lg | 11:01:37.289 | -0.7 | T__ | | | | | | | | --- | | 6913788 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |

(Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/13 | 13:04:48.08 | 1.00 | 0.55 | 47.8892 | 16.0895 | 6.4 | 4.0 | 26 | 0.0f | | 8 | 5 | 85 | 0.16 | 1.19 | sx | BUD | 17002602 | BUD | | | 158 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.1 | 3 BUD | 17002602 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.16 | 284.4 | Pg | 13:04:51.944 | 0.5 | | | | | T__ | | 200.6 | | --- | ML | 1.0 | 6913876 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.16 | 284.4 | Lg | 13:04:53.304 | -0.6 | | | | | T__ | | | | --- | | 6913877 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.24 | 143.6 | Pg | 13:04:53.384 | 0.3 | | | | | T__ | | 105.3 | | --- | ML | 1.0 | 6913879 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.24 | 143.6 | Lg | 13:04:56.583 | 0.1 | | | | | T__ | | | | --- | | 6913878 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.75 | 211.2 | Pg | 13:05:02.412 | -0.1 | | | | | T__ | | 46.3 | | --- | ML | 1.6 | 6913881 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.75 | 211.2 | Lg | 13:05:11.280 | -0.6 | | | | | T__ | | | | --- | | 6913880 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.93 | 58.2 | Lg | 13:05:20.730 | -0.7 | | | | | T__ | | | | --- | | 6913882 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| KRUC | 1.19 | 9.7 | Sn | 13:05:28.567 | 0.2 | | | | | T__ | | | | --- | | 6913883 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/13 | 20:12:52.39 | 1.17 | 0.79 | 48.5960 | 19.0387 | 9.3 | 5.1 | 6 | 9.4 | 11.2 | 12 | 7 | 168 | 0.17 | 1.10 | ke | BUD | 17002604 | BUD | | | 222 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.0 | 5 BUD | 17002604 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.17 | 232.9 | Pg | 20:12:56.555 | 0.2 | | | | | T__ | | 15.4 | | --- | ML | -0.0 | 6913922 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.17 | 232.9 | Lg | 20:12:59.017 | -0.4 | | | | | T__ | | | | --- | | 6913913 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: -0.0 magdef=1 (Station ML: -0.0 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A338A | 0.74 | 218.5 | Pg | 20:13:07.929 | 0.6 | | | | | T__ | | 71.5 | | --- | ML | 1.8 | 6913914 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A338A | 0.74 | 218.5 | Lg | 20:13:17.961 | -0.8 | | | | | T__ | | | | --- | | 6913915 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.89 | 139.5 | Pg | 20:13:11.212 | 0.4 | | | | | T__ | | 35.2 | | --- | ML | 1.5 | 6913918 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.89 | 139.5 | Lg | 20:13:23.407 | -0.3 | | | | | T__ | | | | --- | | 6913917 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.94 | 286.7 | Lg | 20:13:24.735 | -0.4 | | | | | T__ | | | | --- | | 6913916 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| KECS | 0.97 | 96.2 | Lg | 20:13:24.449 | -0.5 | | | | | T__ | | | | --- | | 6913919 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 1.00 | 95.2 | Pg | 20:13:12.254 | 0.1 | | | | | T__ | | 29.1 | | --- | ML | 1.5 | 6913921 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |

```

JOS 1.00 95.2 Lg 20:13:25.856 -0.1 T__ --- 6913920 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 1.10 115.0 Pn 20:13:14.394 1.4 T__ 40.8 --- ML 1.7 6913923 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.10 115.0 Lg 20:13:29.064 -1.0 T__ --- 6913924 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/14 06:41:12.72 1.01 0.87 47.9356 20.0701 10.5 2.8 155 0.0f 16 11 88 0.12 2.13 sx BUD 17002610 BUD 145

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Magnitude Err Nsta Author OrigID
ML 1.4 0.0 5 BUD 17002610

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.12 261.8 Pg 06:41:16.223 0.3 T__ 826.4 _c_ ML 1.5 6914153 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.12 261.8 Lg 06:41:18.486 -0.2 T__ --- 6914154 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.15 247.1 Pg 06:41:16.408 0.1 T__ 443.5 --- ML 1.4 6914167 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.15 247.1 Lg 06:41:19.248 0.1 T__ --- 6914155 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU03A 0.32 264.4 Lg 06:41:24.736 -0.1 T__ --- 6914157 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.36 58.4 Pg 06:41:20.179 -0.4 T__ 113.0 --- ML 1.3 6914168 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 58.4 Lg 06:41:26.524 -0.1 T__ --- 6914156 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
KECS 0.61 26.7 Lg 06:41:34.670 0.2 T__ --- 6914158 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.64 29.1 Lg 06:41:35.722 0.3 T__ --- 6914159 FDSN ZJ -- BUD iLoc HHN ??? _
HU10A 0.71 263.1 Lg 06:41:37.247 -1.7 T__ --- 6914160 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 0.86 64.9 Pg 06:41:30.676 0.8 T__ 47.0 --- ML 1.7 6914162 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.86 64.9 Lg 06:41:42.833 -0.9 T__ --- 6914161 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
VYHS 1.00 304.6 Pn 06:41:33.686 0.7 T__ 20.4 --- ML 1.4 6914164 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.00 304.6 Lg 06:41:47.366 -0.1 T__ --- 6914163 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MORH 1.98 210.0 Sn 06:42:13.868 2.0 T__ --- 6914165 FDSN HU -- BUD iLoc HHN ??? _
DRGR 2.13 121.5 Sn 06:42:16.717 0.7 T__ --- 6914166 FDSN RO -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/14 06:53:27.41 1.53 1.21 47.9601 20.3542 13.9 4.7 147 0.0f 8 6 196 0.20 0.68 sx BUD 17002612 BUD 220

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.20 35.2 Pg 06:53:32.803 0.8 T__ 163.2 --- ML 1.1 6914196 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.20 35.2 Lg 06:53:34.853 -1.0 T__ --- 6914197 FDSN ZJ 00 BUD iLoc HHN ??? _

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```

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.31 262.5 Lg 06:53:39.000 -0.9 T__ --- 6914198 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.33 256.2 Lg 06:53:39.717 -0.6 T__ --- 6914199 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.53 9.5 Lg 06:53:45.658 -0.7 T__ --- 6914200 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.55 12.9 Pg 06:53:39.258 0.8 T__ 27.0 --- ML 1.2 6914202 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.55 12.9 Lg 06:53:46.348 -0.6 T__ --- 6914201 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ABAH 0.68 60.1 Lg 06:53:50.828 -1.8 T__ --- 6914203 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/14 07:45:21.20 1.26 0.96 47.3694 18.3916 8.3 4.1 133 0.0f 15 12 108 0.09 1.30 sx BUD 17002614 BUD 126

```

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Magnitude Err Nsta Author OrigID
ML 1.6 0.4 3 BUD 17002614

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.09 266.0 Pg 07:45:23.972 0.3 T__ 1811.8 --- ML 1.8 6914248 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.09 266.0 Lg 07:45:25.800 -0.3 T__ --- 6914249 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MSW1 0.09 284.7 Pg 07:45:24.632 0.9 T__ 1005.5 --- ML 1.6 6914259 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.09 284.7 Lg 07:45:25.714 -0.5 T__ --- 6914260 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MSW2 0.14 241.4 Pg 07:45:25.526 0.9 T__ 240.8 --- ML 1.1 6914262 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.14 241.4 Lg 07:45:26.844 -0.9 T__ --- 6914261 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU09A 0.27 358.7 Lg 07:45:31.856 -0.3 T__ --- 6914251 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 0.32 281.2 Lg 07:45:33.027 -0.9 T__ --- 6914250 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.61 251.4 Lg 07:45:41.949 -1.2 T__ --- 6914252 FDSN HU -- BUD iLoc HHN ??? _
HU10A 0.64 41.5 Lg 07:45:43.952 -1.0 T__ --- 6914253 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.12 62.5 Sn 07:45:59.628 -0.8 T__ --- 6914254 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.16 61.1 Sn 07:46:00.425 -1.3 T__ --- 6914256 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.16 14.7 Sn 07:46:00.738 -1.2 T__ --- 6914257 FDSN SK -- BUD iLoc HHN ??? _
MORH 1.17 171.4 Sn 07:46:00.231 -0.9 T__ --- 6914255 FDSN HU -- BUD iLoc HHN ??? _
KOVH 1.30 189.0 Sn 07:46:03.928 -0.4 T__ --- 6914258 FDSN HU -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/14 07:56:23.64 1.20 1.21 47.3176 18.3206 9.3 5.2 76 0.0f 11 9 107 0.06 1.24 sx BUD 17002616 BUD 130

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.06 318.1 Pg 07:56:26.409 0.9 T__ 1396.8 _c_ ML 1.6 6914303 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 318.1 Lg 07:56:26.963 -0.6 T__ --- 6914305 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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| | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|----------------------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MSW1 | 0.09 | 331.0 | Pg | 07:56:26.649 | 0.6 | T__ | 904.3 | ___ | ML | 1.5 | 6914312 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.09 | 331.0 | Lg | 07:56:27.958 | -0.4 | T__ | | --- | | | 6914313 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | |
| HU08A | 0.29 | 293.0 | Lg | 07:56:34.042 | -1.3 | T__ | | --- | | | 6914306 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU09A | 0.32 | 7.4 | Lg | 07:56:35.590 | -0.9 | T__ | | --- | | | 6914307 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.13 | 168.5 | Lg | 07:57:01.568 | -0.7 | T__ | | --- | | | 6914308 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 1.19 | 61.3 | Sn | 07:57:03.765 | -0.7 | T__ | | --- | | | 6914309 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| PSZ | 1.22 | 60.0 | Sn | 07:57:04.398 | -1.4 | T__ | | --- | | | 6914311 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| VVHS | 1.23 | 16.2 | Sn | 07:57:03.929 | -2.0 | T__ | | --- | | | 6914304 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| KOVH | 1.24 | 187.1 | Sn | 07:57:04.534 | -0.8 | T__ | | --- | | | 6914310 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/09/14 | 08:06:02.39 | 1.03 | 0.85 | 46.0455 | 22.8212 | 9.9 | 4.3 | 76 | 0.0f | | 8 | 5 | 166 | 0.17 | 0.95 | sx | BUD | 17002618 | BUD | | | 234 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.5 | 0.1 | 3 BUD | 17002618 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| DEV | 0.17 | 160.5 | Pg | 08:06:06.171 | 0.5 | | | | | T__ | | 681.1 | | ___ | ML | 1.6 | 6914336 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.17 | 160.5 | Lg | 08:06:07.390 | -0.7 | | | | | T__ | | | | --- | | 6914338 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.65 | 182.8 | Pg | 08:06:15.198 | 0.3 | | | | | T__ | | 34.0 | | ___ | ML | 1.4 | 6914337 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.65 | 182.8 | Lg | 08:06:23.230 | -1.0 | | | | | T__ | | | | --- | | 6914339 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.75 | 354.2 | Pg | 08:06:17.868 | 0.4 | | | | | T__ | | 35.5 | | ___ | ML | 1.5 | 6914341 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.75 | 354.2 | Lg | 08:06:28.368 | -1.3 | | | | | T__ | | | | --- | | 6914340 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.84 | 285.8 | Lg | 08:06:31.273 | -0.4 | | | | | T__ | | | | --- | | 6914342 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 0.95 | 243.4 | Lg | 08:06:34.158 | 0.0 | | | | | T__ | | | | --- | | 6914343 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

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|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
| 2021/09/14 | 08:54:25.73 | 0.91 | 1.06 | 47.0490 | 17.9951 | 5.4 | 3.0 | 111 | 0.0f | | 13 | 9 | 96 | 0.16 | 1.55 | sx | BUD | 17002620 | BUD | | | | | 147 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.4 | 0.3 | 4 BUD | 17002620 |

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|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| TIH | 0.16 | 205.2 | Pg | 08:54:29.957 | 0.3 | | | | | T__ | | 1607.0 | | ___ | ML | 2.0 | 6914501 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 0.16 | 205.2 | Lg | 08:54:32.892 | 0.0 | | | | | T__ | | | | --- | | 6914502 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.29 | 30.1 | Pg | 08:54:32.960 | 0.8 | | | | | T__ | | 78.8 | | ___ | ML | 1.0 | 6914512 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.29 | 30.1 | Lg | 08:54:36.549 | -1.1 | | | | | T__ | | | | --- | | 6914513 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.33 | 291.5 | Pg | 08:54:33.722 | 0.7 | | | | | T__ | | 134.0 | | ___ | ML | 1.4 | 6914508 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| MPLH | 0.33 | 291.5 | Lg | 08:54:37.588 | -1.0 | T__ | --- | 6914507 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.35 | 14.9 | Lg | 08:54:38.677 | -0.7 | T__ | --- | 6914514 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | | | |
| CSKK | 0.36 | 29.8 | Pg | 08:54:34.649 | 1.2 | T__ | 125.3 | --- | ML | 1.4 | 6914506 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.36 | 29.8 | Lg | 08:54:38.313 | -1.8 | T__ | --- | 6914509 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.39 | 352.8 | Lg | 08:54:39.719 | -1.0 | T__ | --- | 6914510 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | | | |
| MORH | 0.95 | 151.6 | Lg | 08:54:57.747 | -0.8 | T__ | --- | 6914504 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | | | |
| KOVH | 0.96 | 175.7 | Lg | 08:54:58.605 | -0.8 | T__ | --- | 6914505 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | | | |
| PSZ | 1.55 | 55.3 | Sn | 08:55:15.548 | -0.3 | T__ | --- | 6914511 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/14 | 10:01:04.26 | 0.93 | 0.77 | 48.1657 | 16.9236 | 8.3 | 3.5 | 138 | 0.0f | 9 | 6 | 146 | 0.12 | 1.32 | sx | BUD | 17002622 | BUD | | | | 173 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| ZST | 0.12 | 75.7 | Pg | 10:01:07.924 | 0.6 | | | | | T__ | | | | | | 6914544 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| ZST | 0.12 | 75.7 | Lg | 10:01:09.475 | -0.5 | | | | | T__ | | | | | | 6914545 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | | |
| MODS | 0.31 | 48.5 | Pg | 10:01:11.455 | 0.3 | | | | | T__ | | | | | | 6914543 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| MODS | 0.31 | 48.5 | Lg | 10:01:15.803 | -0.8 | | | | | T__ | | | | | | 6914546 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | | |
| RONA | 0.63 | 222.4 | Pg | 10:01:16.854 | -0.0 | | | | | T__ | 32.2 | | | | ML | 1.4 | 6914550 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.63 | 222.4 | Lg | 10:01:24.552 | -0.7 | | | | | T__ | | | | | | 6914551 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.85 | 35.3 | Lg | 10:01:33.957 | -1.0 | | | | | T__ | | | | | | 6914547 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | | |
| KRUC | 0.96 | 338.8 | Lg | 10:01:37.361 | 0.4 | | | | | T__ | | | | | | 6914548 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | | |
| ARSA | 1.32 | 226.4 | Lg | 10:01:46.802 | 0.6 | | | | | T__ | | | | | | 6914549 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/14 | 10:19:41.11 | 1.16 | 0.77 | 47.5965 | 16.4417 | 6.4 | 5.2 | 2 | 0.0f | 9 | 8 | 121 | 0.12 | 1.47 | sx | BUD | 17002624 | BUD | | | | 199 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|------|---------|------|------|------|-----|------|-----|-----|---|
| SOP | 0.12 | 42.2 | Lg | 10:19:46.799 | 0.9 | | | | | T__ | | | | | | 6914572 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | | |
| RONA | 0.14 | 316.5 | Pg | 10:19:44.635 | 0.3 | | | | | T__ | 336.2 | | | | _c | ML | 1.2 | 6914570 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.14 | 316.5 | Lg | 10:19:46.130 | -0.5 | | | | | T__ | | | | | | 6914571 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.51 | 310.5 | Lg | 10:19:58.059 | -0.2 | | | | | T__ | | | | | | 6914573 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | | |
| ARSA | 0.71 | 241.3 | Lg | 10:20:03.594 | -0.3 | | | | | T__ | | | | | | 6914574 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | | |
| A005B | 0.79 | 348.5 | Lg | 10:20:07.897 | -0.1 | | | | | T__ | | | | | | 6914575 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | | |
| MPLH | 0.86 | 119.4 | Lg | 10:20:10.653 | -0.5 | | | | | T__ | | | | | | 6914576 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | | |
| MODS | 0.96 | 35.5 | Lg | 10:20:14.261 | -1.2 | | | | | T__ | | | | | | 6914577 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | | |
| KRUC | 1.47 | 358.8 | Sn | 10:20:28.996 | 0.8 | | | | | T__ | | | | | | 6914578 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/14 | 10:49:12.79 | 1.12 | 0.95 | 48.4383 | 19.5431 | 5.4 | 5.0 | 174 | 0.0f | 10 | 8 | 109 | 0.47 | 1.10 | sx | BUD | 17002626 | BUD | | | | 210 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.47 | 277.0 | Lg | 10:49:28.937 | -0.7 | | | | T__ | | | | | | | 6914601 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU03A | 0.54 | 175.9 | Lg | 10:49:32.181 | -0.1 | | | | T__ | | | | | | | 6914602 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.57 | 155.5 | Lg | 10:49:33.046 | -1.0 | | | | T__ | | | | | | | 6914603 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.60 | 158.4 | Lg | 10:49:34.185 | -0.4 | | | | T__ | | | | | | | 6914604 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.63 | 85.5 | Lg | 10:49:34.551 | -0.4 | | | | T__ | | | | | | | 6914605 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.67 | 84.7 | Pg | 10:49:26.769 | 0.7 | | | | T__ | | | 45.3 | | | ML | 1.5 | 6914599 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.67 | 84.7 | Lg | 10:49:35.353 | -0.8 | | | | T__ | | | | | | | 6914606 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.73 | 115.4 | Pg | 10:49:28.929 | 1.0 | | | | T__ | | | 38.8 | | | ML | 1.5 | 6914600 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.73 | 115.4 | Lg | 10:49:37.846 | -1.4 | | | | T__ | | | | | | | 6914607 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.10 | 26.7 | Lg | 10:49:49.060 | -0.6 | | | | T__ | | | | | | | 6914608 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/14 | 10:51:49.93 | 0.90 | 0.75 | 48.4524 | 19.5492 | 4.8 | 3.5 | 3 | 0.0f | 13 | 8 | 111 | 0.48 | 1.09 | sx | BUD | 17002628 | BUD | | | | 210 |

Magnitude Err Nsta Author OrigID
ML 1.4 0.2 5 BUD 17002628

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.48 | 275.3 | Pg | 10:52:00.032 | 0.3 | | | | T__ | | | 16.2 | | | ML | 0.8 | 6914640 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.48 | 275.3 | Lg | 10:52:06.069 | -0.8 | | | | T__ | | | | | | | 6914639 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.55 | 176.5 | Lg | 10:52:09.987 | 0.1 | | | | T__ | | | | | | | 6914641 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.58 | 156.5 | Lg | 10:52:10.832 | -0.7 | | | | T__ | | | | | | | 6914637 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.61 | 159.3 | Lg | 10:52:12.032 | -0.1 | | | | T__ | | | | | | | 6914643 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.62 | 86.8 | Pg | 10:52:03.064 | 0.6 | | | | T__ | | | 81.4 | | | ML | 1.8 | 6914642 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.62 | 86.8 | Lg | 10:52:11.109 | -0.8 | | | | T__ | | | | | | | 6914638 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.66 | 85.9 | Pg | 10:52:03.551 | 0.4 | | | | T__ | | | 46.7 | | | ML | 1.5 | 6914644 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.66 | 85.9 | Lg | 10:52:12.524 | -0.6 | | | | T__ | | | | | | | 6914645 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.73 | 116.5 | Pg | 10:52:05.453 | 0.4 | | | | T__ | | | 32.5 | | | ML | 1.4 | 6914647 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.73 | 116.5 | Lg | 10:52:15.367 | -1.2 | | | | T__ | | | | | | | 6914646 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.09 | 26.8 | Pg | 10:52:11.241 | 0.8 | | | | T__ | | | 15.7 | | | ML | 1.3 | 6914648 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.09 | 26.8 | Lg | 10:52:25.475 | -0.8 | | | | T__ | | | | | | | 6914649 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/14 | 11:48:09.30 | 1.29 | 0.67 | 48.5080 | 20.8382 | 9.2 | 3.7 | 16 | 0.0f | | 11 | 6 | 221 | 0.20 | 0.90 | sx | BUD | 17002630 | BUD | | | 301 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.2 | 5 BUD | 17002630 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.20 | 266.6 | Pg | 11:48:13.860 | 0.4 | | | | | T__ | | 99.7 | | --- | ML | 0.9 | 6914682 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.20 | 266.6 | Lg | 11:48:16.478 | -0.3 | | | | | T__ | | | | --- | | 6914686 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.24 | 264.1 | Pg | 11:48:14.390 | 0.2 | | | | | T__ | | 214.7 | | --- | ML | 1.3 | 6914683 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.24 | 264.1 | Lg | 11:48:17.867 | -0.2 | | | | | T__ | | | | --- | | 6914687 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.34 | 128.2 | Pg | 11:48:16.837 | 0.4 | | | | | T__ | | 67.0 | | --- | ML | 1.1 | 6914688 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.34 | 128.2 | Lg | 11:48:21.473 | -1.0 | | | | | T__ | | | | --- | | 6914689 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.44 | 208.6 | Pg | 11:48:19.174 | 0.5 | | | | | T__ | | 28.4 | | --- | ML | 1.0 | 6914690 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.44 | 208.6 | Lg | 11:48:25.748 | -0.1 | | | | | T__ | | | | --- | | 6914684 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.86 | 227.3 | Pn | 11:48:26.944 | -0.8 | | | | | T__ | | 33.7 | | --- | ML | 1.5 | 6914691 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.86 | 227.3 | Lg | 11:48:39.473 | -1.1 | | | | | T__ | | | | --- | | 6914685 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.90 | 226.2 | Lg | 11:48:41.371 | -0.1 | | | | | T__ | | | | --- | | 6914692 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/15 | 00:37:08.85 | 1.52 | 0.76 | 45.9144 | 18.3433 | 12.1 | 4.5 | 156 | 10.0f | | 6 | 3 | 235 | 0.24 | 0.37 | ke | BUD | 17002644 | BUD | | | 314 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.8 | 0.4 | 3 BUD | 17002644 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.24 | 315.8 | Pg | 00:37:14.116 | -0.2 | | | | | T__ | | 34.8 | | --- | ML | 0.5 | 6915127 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.24 | 315.8 | Lg | 00:37:18.758 | 0.6 | | | | | T__ | | | | --- | | 6915128 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.37 | 34.7 | Pg | 00:37:16.801 | 0.4 | | | | | T__ | | 28.6 | | --- | ML | 0.8 | 6915130 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.37 | 34.7 | Lg | 00:37:21.098 | -1.1 | | | | | T__ | | | | --- | | 6915131 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.37 | 270.5 | Pg | 00:37:16.418 | -0.1 | | | | | T__ | | 94.8 | | --- | ML | 1.3 | 6915129 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.37 | 270.5 | Lg | 00:37:21.865 | 0.2 | | | | | T__ | | | | --- | | 6915132 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/15 | 07:46:31.49 | 1.14 | 0.71 | 48.9915 | 16.3261 | 11.0 | 4.2 | 99 | 0.0f | | 12 | 6 | 192 | 0.08 | 1.29 | sx | BUD | 17002646 | BUD | | | 207 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 5 BUD | 17002646 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KRUC | 0.08 | 32.8 | Pg | 07:46:33.208 | -0.0 | | | | | T__ | | 522.6 | | _c_ | ML | 1.3 | 6915162 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.08 | 32.8 | Lg | 07:46:34.167 | -0.5 | | | | | T__ | | | | --- | | 6915163 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 0.36 | 28.9 | Pg | 07:46:38.387 | -0.1 | | | | | T__ | | 21.4 | | --- | ML | 0.6 | 6915165 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 0.36 | 28.9 | Lg | 07:46:43.067 | -0.8 | | | | | T__ | | | | --- | | 6915164 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.88 | 134.1 | Pg | 07:46:49.455 | 0.1 | | | | | T__ | | | | --- | | 6915166 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.88 | 134.1 | Lg | 07:47:01.884 | -0.9 | | | | | T__ | | | | --- | | 6915167 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| CONA | 1.11 | 196.4 | Pg | 07:46:53.023 | -0.3 | | | | | T__ | | 50.4 | | --- | ML | 1.8 | 6915169 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.11 | 196.4 | Lg | 07:47:08.560 | 0.9 | | | | | T__ | | | | --- | | 6915168 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORC | 1.12 | 44.9 | Pg | 07:46:53.253 | 1.0 | | | | | T__ | | 35.9 | | --- | ML | 1.7 | 6915170 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.12 | 44.9 | Lg | 07:47:08.636 | 0.8 | | | | | T__ | | | | --- | | 6915171 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.29 | 180.9 | Pn | 07:46:56.744 | 0.3 | | | | | T__ | | 42.7 | | --- | ML | 1.8 | 6915173 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.29 | 180.9 | Lg | 07:47:13.547 | -0.2 | | | | | T__ | | | | --- | | 6915172 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/15 | 08:06:28.93 | 0.86 | 0.52 | 47.7814 | 16.1641 | 6.3 | 3.2 | 34 | 9.0f | | 14 | 7 | 87 | 0.12 | 1.29 | ke | BUD | 17002648 | BUD | | | 173 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.5 | 6 BUD | 17002648 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 132.4 | Pg | 08:06:32.375 | 0.3 | | | | | T__ | | 289.0 | | --- | ML | 1.1 | 6915210 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 132.4 | Lg | 08:06:33.987 | -0.4 | | | | | T__ | | | | --- | | 6915211 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.25 | 305.9 | Pg | 08:06:34.447 | 0.1 | | | | | T__ | | 71.7 | | --- | ML | 0.9 | 6915213 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.25 | 305.9 | Lg | 08:06:38.283 | 0.2 | | | | | T__ | | | | --- | | 6915212 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.28 | 110.1 | Pg | 08:06:35.099 | 0.2 | | | | | T__ | | 69.4 | | --- | ML | 0.9 | 6915214 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.28 | 110.1 | Lg | 08:06:38.782 | -0.2 | | | | | T__ | | | | --- | | 6915215 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.68 | 329.9 | Pg | 08:06:42.158 | 0.1 | | | | | T__ | | 93.3 | | --- | ML | 1.8 | 6915218 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.68 | 329.9 | Lg | 08:06:51.135 | -0.3 | | | | | T__ | | | | --- | | 6915219 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.8 magdef=0
ARSA 0.69 219.5 Pg 08:06:42.158 -0.2 T__ 61.8 --- ML 1.7 6915217 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.69 219.5 Lg 08:06:51.135 0.1 T__ --- 6915216 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 0.95 51.1 Pn 08:06:47.452 -0.5 T__ --- 6915221 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.95 51.1 Sn 08:07:00.611 -1.5 T__ --- 6915220 FDSN SK -- BUD iLoc HHE ??? _
KRUC 1.29 6.8 Pn 08:06:52.670 0.1 T__ 38.1 --- ML 1.8 6915222 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.29 6.8 Sn 08:07:10.163 0.3 T__ --- 6915223 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/15 08:47:46.01 0.94 1.10 46.9049 17.3637 4.6 4.4 80 0.0f 12 9 98 0.15 1.45 sx BUD 17002650 BUD 138

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 3 BUD 17002650

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A261A 0.15 287.8 Pg 08:47:49.915 0.1 T__ 5394.0 --- ML 2.5 6915258 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.15 287.8 Lg 08:47:52.294 -0.5 T__ --- 6915259 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A263A 0.27 187.2 Lg 08:47:55.286 -1.0 T__ --- 6915261 FDSN Z3 00 BUD iLoc HHZ ??? _
MPLH 0.29 24.3 Pg 08:47:52.907 0.4 T__ 387.9 --- ML 1.7 6915263 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.29 24.3 Lg 08:47:56.590 -1.0 T__ --- 6915262 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU08A 0.65 35.8 Lg 08:48:09.557 -0.5 T__ --- 6915264 FDSN ZJ 00 BUD iLoc HHN ??? _
KOVH 0.96 147.8 Pg 08:48:06.335 0.9 T__ 35.7 --- ML 1.6 6915266 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.96 147.8 Lg 08:48:18.227 -0.9 T__ --- 6915265 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
RONA 1.08 318.0 Lg 08:48:21.526 -0.2 T__ --- 6915267 FDSN OE -- BUD iLoc HHN ??? _
MORH 1.12 127.5 Sn 08:48:22.294 -2.1 T__ --- 6915268 FDSN HU -- BUD iLoc HHN ??? _
ARSA 1.30 286.0 Lg 08:48:28.739 1.2 T__ --- 6915269 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.45 315.7 Sn 08:48:31.654 -1.0 T__ --- 6915270 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/15 10:09:41.12 1.15 0.53 47.9257 20.1239 11.7 3.1 157 0.0f 12 6 191 0.15 1.03 sx BUD 17002652 BUD 204

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 6 BUD 17002652

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.15 267.4 Pg 10:09:45.217 0.2 T__ 660.1 --- ML 1.5 6915301 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.15 267.4 Lg 10:09:48.209 -0.1 T__ --- 6915302 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.18 254.8 Pg 10:09:45.524 0.2 T__ 524.4 --- ML 1.5 6915303 FDSN HU -- BUD iLoc HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|----|--------------|------|-----|------|--|--|--|--|--|--|---------|---------|---------|------|-----|------|------|------|-----|-----|---|
| ET1H | 0.18 | 254.8 | Lg | 10:09:48.291 | -0.3 | T__ | | | | | | | | 6915306 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.33 | 53.7 | Pg | 10:09:48.516 | 0.1 | T__ | 96.2 | | | | | | | ML | 1.2 | 6915304 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.33 | 53.7 | Lg | 10:09:53.887 | -0.3 | T__ | | | | | | | | | 6915305 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.63 | 25.8 | Pg | 10:09:54.352 | 0.5 | T__ | 35.6 | | | | | | | ML | 1.4 | 6915308 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.63 | 25.8 | Lg | 10:10:03.790 | 0.2 | T__ | | | | | | | | | 6915307 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.83 | 63.2 | Pg | 10:09:58.035 | 0.3 | T__ | 61.4 | | | | | | | ML | 1.8 | 6915309 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.83 | 63.2 | Lg | 10:10:10.235 | -1.0 | T__ | | | | | | | | | 6915310 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.03 | 303.9 | Pn | 10:10:02.255 | 0.4 | T__ | 15.3 | | | | | | | ML | 1.3 | 6915312 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.03 | 303.9 | Lg | 10:10:16.219 | -0.8 | T__ | | | | | | | | | 6915311 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/09/15 | 12:58:32.20 | 0.95 | 1.09 | 46.6946 | 18.4540 | 5.0 | 3.5 | 149 | 2.0f | | 11 | 7 | 124 | 0.21 | 0.71 | ke | BUD | 17002654 | BUD | | | 200 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 2.2 | 0.1 | 5 BUD | 17002654 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| A266A | 0.21 | 217.7 | Pg | 12:58:36.680 | -0.1 | | | | | T__ | | 610.4 | | | ML | 1.7 | 6915347 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A266A | 0.21 | 217.7 | Lg | 12:58:39.289 | -0.9 | | | | | T__ | | | | | | 6915348 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A267A | 0.25 | 4.4 | Lg | 12:58:41.837 | 0.1 | | | | | T__ | | | | | | 6915354 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A272A | 0.36 | 81.8 | Lg | 12:58:44.906 | -0.5 | | | | | T__ | | | | | | 6915355 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| MORH | 0.50 | 164.7 | Pg | 12:58:42.489 | 0.3 | | | | | T__ | 34.2 | | | | ML | 1.2 | 6915357 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.50 | 164.7 | Lg | 12:58:48.493 | -1.1 | | | | | T__ | | | | | | 6915356 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.53 | 239.5 | Pg | 12:58:43.739 | 0.8 | | | | | T__ | 392.0 | | | | ML | 2.4 | 6915349 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 0.59 | 127.9 | Pg | 12:58:45.196 | 1.1 | | | | | T__ | 272.0 | | | | ML | 2.3 | 6915350 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU22A | 0.59 | 127.9 | Lg | 12:58:55.094 | 1.5 | | | | | T__ | | | | | | 6915351 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU04A | 0.71 | 80.2 | Pg | 12:58:46.501 | -0.3 | | | | | T__ | 194.0 | | | | ML | 2.2 | 6915353 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU04A | 0.71 | 80.2 | Lg | 12:58:56.207 | -1.6 | | | | | T__ | | | | | | 6915352 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

2021/09/15 13:21:12.33 0.89 0.70 47.3430 16.3959 4.8 3.6 43 0.0f 13 8 75 0.22 1.19 sx BUD 17002656 BUD 142

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 4 BUD 17002656

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| A260A | 0.22 | 105.7 | Pg | 13:21:17.143 | -0.0 | | | | | T__ | | 934.9 | | --- | ML | 1.9 6915417 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.22 | 105.7 | Lg | 13:21:20.791 | 0.0 | | | | | T__ | | | | --- | | 6915419 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.36 | 349.3 | Pg | 13:21:19.982 | 0.1 | | | | | T__ | | 203.9 | | --- | ML | 1.6 6915418 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.36 | 349.3 | Lg | 13:21:25.468 | 0.4 | | | | | T__ | | | | --- | | 6915421 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.49 | 169.3 | Lg | 13:21:28.690 | -0.3 | | | | | T__ | | | | --- | | 6915422 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| ARSA | 0.60 | 261.5 | Pg | 13:21:23.971 | -0.0 | | | | | T__ | | 52.4 | | --- | ML | 1.6 6915424 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.60 | 261.5 | Lg | 13:21:30.953 | -0.6 | | | | | T__ | | | | --- | | 6915423 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.69 | 328.5 | Lg | 13:21:34.713 | -0.4 | | | | | T__ | | | | --- | | 6915425 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| MPLH | 0.80 | 102.1 | Lg | 13:21:39.777 | -0.6 | | | | | T__ | | | | --- | | 6915426 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| KOGS | 0.90 | 186.4 | Pg | 13:21:30.455 | 0.4 | | | | | T__ | | 71.5 | | --- | ML | 1.9 6915428 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.90 | 186.4 | Lg | 13:21:42.539 | 0.8 | | | | | T__ | | | | --- | | 6915427 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.19 | 29.6 | Pn | 13:21:36.363 | 0.7 | | | | | T__ | | | | --- | | 6915429 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 1.19 | 29.6 | Sn | 13:21:51.482 | -1.5 | | | | | T__ | | | | --- | | 6915420 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/16 06:38:40.52 1.55 1.02 48.6579 19.2677 15.5 4.0 173 0.0f 8 5 220 0.33 0.99 sx BUD 17002658 BUD 310

Magnitude Err Nsta Author OrigID
ML 1.4 0.6 3 BUD 17002658

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| VYHS | 0.33 | 240.4 | Pg | 06:38:47.360 | -0.0 | | | | | T__ | | 23.5 | | --- | ML | 0.6 6915456 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.33 | 240.4 | Lg | 06:38:52.347 | -0.1 | | | | | T__ | | | | --- | | 6915457 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.83 | 101.7 | Pg | 06:38:56.567 | -0.4 | | | | | T__ | | 65.6 | | --- | ML | 1.8 6915459 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.83 | 101.7 | Lg | 06:39:09.611 | 0.3 | | | | | T__ | | | | --- | | 6915458 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.85 | 150.3 | Lg | 06:39:10.544 | -0.7 | | | | | T__ | | | | --- | | 6915461 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| JOS | 0.86 | 100.4 | Lg | 06:39:09.930 | -0.5 | | | | | T__ | | | | --- | | 6915460 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ |
| HU02A | 0.99 | 122.1 | Pn | 06:39:01.797 | 1.0 | | | | | T__ | | 22.5 | | --- | ML | 1.4 6915463 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.99 | 122.1 | Lg | 06:39:17.296 | 1.8 | | | | | T__ | | | | --- | | 6915462 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/16 | 08:34:49.99 | 1.35 | 0.91 | 47.3736 | 18.3785 | 9.1 | 4.4 | 123 | 0.0f | 14 | 9 | 109 | 0.08 | 1.30 | sx | BUD | 17002660 | BUD | | | | 155 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 5 BUD | 17002660 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.08 | 262.6 | Pg | 08:34:52.764 | 0.5 | | | | | T__ | | 2348.2 | | ___ | ML | 1.9 | 6915512 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.08 | 262.6 | Lg | 08:34:54.145 | -0.4 | | | | | T__ | | | | --- | | 6915513 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 283.4 | Pg | 08:34:52.905 | 0.6 | | | | | T__ | | 1234.9 | | ___ | ML | 1.6 | 6915520 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 283.4 | Lg | 08:34:54.133 | -0.5 | | | | | T__ | | | | --- | | 6915521 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.13 | 238.0 | Pg | 08:34:53.779 | 0.5 | | | | | T__ | | 248.4 | | ___ | ML | 1.1 | 6915522 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.13 | 238.0 | Lg | 08:34:55.456 | -0.9 | | | | | T__ | | | | --- | | 6915523 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.27 | 0.6 | Lg | 08:35:00.534 | -0.3 | | | | | T__ | | | | --- | | 6915524 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| HU08A | 0.31 | 280.8 | Lg | 08:35:01.716 | -0.7 | | | | | T__ | | | | --- | | 6915525 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| PSZ | 1.16 | 61.4 | Pn | 08:35:12.713 | 0.1 | | | | | T__ | | 41.7 | | ___ | ML | 1.8 | 6915515 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.16 | 61.4 | Sn | 08:35:29.363 | -1.3 | | | | | T__ | | | | --- | | 6915514 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.16 | 15.2 | Pn | 08:35:13.404 | 0.8 | | | | | T__ | | 11.8 | | ___ | ML | 1.2 | 6915518 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.16 | 15.2 | Lg | 08:35:29.439 | -1.0 | | | | | T__ | | | | --- | | 6915517 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.17 | 171.0 | Sn | 08:35:28.289 | -1.8 | | | | | T__ | | | | --- | | 6915516 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.30 | 188.6 | Sn | 08:35:33.199 | -0.0 | | | | | T__ | | | | --- | | 6915519 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/16 | 08:44:57.48 | 1.91 | 0.32 | 48.3956 | 20.6561 | 15.8 | 3.8 | 81 | 0.0f | 8 | 5 | 235 | 0.13 | 0.74 | sx | BUD | 17002662 | BUD | | | | 263 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.2 | 3 BUD | 17002662 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.13 | 322.3 | Pg | 08:45:00.318 | 0.0 | | | | | T__ | | 225.0 | | _c_ | ML | 1.0 | 6915555 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.13 | 322.3 | Lg | 08:45:02.294 | -0.2 | | | | | T__ | | | | --- | | 6915554 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.14 | 307.7 | Pg | 08:45:00.817 | 0.2 | | | | | T__ | | 264.1 | | ___ | ML | 1.1 | 6915556 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.14 | 307.7 | Lg | 08:45:03.138 | 0.0 | | | | | T__ | | | | --- | | 6915557 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.29 | 197.8 | Pg | 08:45:04.058 | 0.2 | | | | | T__ | | 26.6 | | ___ | ML | 0.5 | 6915558 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.29 | 197.8 | Lg | 08:45:08.336 | -0.5 | | | | | T__ | | | | --- | | 6915559 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.70 | 227.2 | Lg | 08:45:22.799 | -0.3 | | | | | T__ | | | | --- | | 6915560 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
|----------------------------|-------------|-------|--------|--------------|-----------|------|-------|------|-------|-----|------|--------|-----|-------|-----------|-------|---------|----------|--------|-------|-----|------|-----|-----|---|
| 2021/09/16 | 08:51:47.07 | 1.58 | 0.99 | 46.2409 | 18.2251 | 15.9 | 4.0 | 145 | 0.0f | 5 | 3 | 195 | | 0.18 | 0.72 | kx | BUD | 17002664 | BUD | | | 310 | | | |
| 2021/09/16 | 08:51:47.63 | 1.01 | 1.10 | 46.1765 | 18.2926f | | | | 0.0f | 5 | 3 | 162 | | 0.16 | 0.73 | kx | BUD_GT | 17002665 | BUD_GT | | | 318 | | | |
| (locality : Komló Hungary) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.16 | 236.7 | Pg | 08:51:51.608 | 0.1 | | | | | T__ | | | | | | | | | | | | | | | |
| KOVH | 0.16 | 236.7 | Lg | 08:51:53.757 | -0.8 | | | | | T__ | | | | | | | | | | | | | | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 08:51:53.910 | 0.8 | | | | | T__ | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Lg | 08:51:57.746 | 0.2 | | | | | T__ | | | | | | | | | | | | | | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A272A | 0.73 | 39.1 | Lg | 08:52:13.015 | -1.9 | | | | | T__ | | | | | | | | | | | | | | | |
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
| 2021/09/16 | 09:08:49.79 | 1.00 | 1.30 | 46.0715 | 22.8373 | 7.2 | 3.9 | 66 | 0.0f | 12 | 7 | 140 | | 0.19 | 1.70 | sx | BUD | 17002666 | BUD | | | 200 | | | |
| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
| ML | 1.7 | 0.0 | 5 | BUD | 17002666 | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| DEV | 0.19 | 166.2 | Pg | 09:08:53.913 | 0.4 | | | | | T__ | | 1022.1 | | | ML | 1.8 | 6915614 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.19 | 166.2 | Lg | 09:08:56.368 | 0.2 | | | | | T__ | | | | | | | 6915613 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.68 | 183.6 | Pg | 09:09:03.196 | 0.4 | | | | | T__ | | 61.4 | | | ML | 1.7 | 6915615 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.68 | 183.6 | Lg | 09:09:10.716 | -1.8 | | | | | T__ | | | | | | | 6915616 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.73 | 353.1 | Pg | 09:09:04.884 | 0.5 | | | | | T__ | | 51.2 | | | ML | 1.6 | 6915617 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.73 | 353.1 | Lg | 09:09:14.629 | -1.5 | | | | | T__ | | | | | | | 6915618 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.84 | 283.9 | Pg | 09:09:06.879 | -0.1 | | | | | T__ | | 52.7 | | | ML | 1.7 | 6915621 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.84 | 283.9 | Lg | 09:09:19.999 | 0.8 | | | | | T__ | | | | | | | 6915622 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.90 | 133.4 | Pg | 09:09:07.647 | 0.5 | | | | | T__ | | 130.9 | | | ML | 2.1 | 6915620 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.90 | 133.4 | Lg | 09:09:17.774 | -2.5 | | | | | T__ | | | | | | | 6915619 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.97 | 242.4 | Lg | 09:09:21.994 | -0.3 | | | | | T__ | | | | | | | 6915623 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| HU06A | 1.70 | 293.0 | Sn | 09:09:43.631 | 1.3 | | | | | T__ | | | | | | | 6915624 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/16 | 09:15:42.10 | 0.97 | 0.76 | 46.1221 | 21.6939 | 9.7 | 3.8 | 86 | 0.0f | | 9 | 5 | 148 | 0.15 | 1.05 | sx | BUD | 17002668 | BUD | | | 201 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.5 | 4 BUD | 17002668 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SIRR | 0.15 | 350.7 | Pg | 09:15:45.992 | 0.3 | | | | | T__ | | 647.3 | | --- | ML | 1.5 | 6915654 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.15 | 350.7 | Lg | 09:15:48.294 | -0.3 | | | | | T__ | | | | --- | | 6915655 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.51 | 186.1 | Pg | 09:15:52.360 | 0.2 | | | | | T__ | | 43.0 | | --- | ML | 1.3 | 6915657 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.51 | 186.1 | Lg | 09:15:59.112 | -0.4 | | | | | T__ | | | | --- | | 6915656 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU24A | 0.87 | 335.1 | Lg | 09:16:11.772 | -1.1 | | | | | T__ | | | | --- | | 6915658 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| DRGR | 0.97 | 46.0 | Pg | 09:16:01.567 | 0.1 | | | | | T__ | | 165.6 | | --- | ML | 2.3 | 6915660 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.97 | 46.0 | Lg | 09:16:14.687 | -1.2 | | | | | T__ | | | | --- | | 6915659 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.05 | 133.5 | Pn | 09:16:04.176 | 0.7 | | | | | T__ | | 94.3 | | --- | ML | 2.1 | 6915661 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.05 | 133.5 | Lg | 09:16:16.913 | 0.1 | | | | | T__ | | | | --- | | 6915662 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/16 | 09:18:20.18 | 0.92 | 1.16 | 48.7756 | 21.5949 | 6.8 | 4.0 | 166 | 0.0f | | 16 | 9 | 122 | 0.47 | 1.46 | sx | BUD | 17002670 | BUD | | | 187 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.2 | 7 BUD | 17002670 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOLS | 0.47 | 70.3 | Pg | 09:18:30.130 | 0.7 | | | | | T__ | | | | --- | | 6915700 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.47 | 70.3 | Lg | 09:18:35.424 | -1.9 | | | | | T__ | | | | --- | | 6915701 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| ABAH | 0.53 | 206.3 | Lg | 09:18:38.416 | -1.6 | | | | | T__ | | | | --- | | 6915702 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| JOS | 0.75 | 248.6 | Pg | 09:18:35.040 | -0.1 | | | | | T__ | | 142.7 | | --- | ML | 2.1 | 6915704 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.75 | 248.6 | Lg | 09:18:46.166 | -0.3 | | | | | T__ | | | | --- | | 6915703 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.79 | 248.7 | Pg | 09:18:37.035 | 1.1 | | | | | T__ | | 225.8 | | --- | ML | 2.3 | 6915705 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.79 | 248.7 | Lg | 09:18:47.854 | 0.1 | | | | | T__ | | | | --- | | 6915706 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.90 | 135.4 | Pg | 09:18:38.340 | 0.7 | | | | | T__ | | 65.7 | | --- | ML | 1.8 | 6915708 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.90 | 135.4 | Lg | 09:18:50.002 | -2.2 | | | | | T__ | | | | --- | | 6915707 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.97 | 227.8 | Pn | 09:18:40.104 | 0.1 | | | | | T__ | | 137.9 | | --- | ML | 2.2 | 6915709 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.97 | 227.8 | Lg | 09:18:53.225 | -1.4 | | | | | T__ | | | | --- | | 6915710 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
NIE 1.07 307.6 Pg 09:18:40.335 0.0 T__ 23.8 ___ ML 1.5 6915712 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.07 307.6 Lg 09:18:55.450 -0.7 T__ ___ 6915711 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
PSZ 1.42 233.5 Pn 09:18:47.163 0.7 T__ 53.6 ___ ML 2.0 6915713 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 1.46 232.7 Pn 09:18:47.777 1.0 T__ 34.7 ___ ML 1.9 6915714 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.46 232.7 Sn 09:19:07.649 -0.0 T__ ___ 6915715 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/09/16 | 09:42:45.40 | 0.91 | 0.94 | 48.2570 | 21.2319 | 5.7 | 3.9 | 7 | 0.0f | 16 | 9 | 127 | 0.04 | 1.32 | kx | BUD | 17002672 | BUD | | | | 150 |
| 2021/09/16 | 09:42:45.25 | 0.88 | 0.89 | 48.2470 | 21.2460f | | | | 0.0f | 16 | 9 | 128 | 0.05 | 1.33 | kx | BUD_GT | 17002673 | BUD_GT | | | | 151 |

(locality : Tállya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 2.0 | 0.3 | 8 BUD_GT | 17002673 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 09:42:46.997 | 0.2 | | | | | T__ | | 11947.7 | | ___ | ML | 2.5 6915760 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 09:42:47.841 | -0.6 | | | | | T__ | | | | ___ | | 6915761 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 09:42:56.242 | 0.4 | | | | | T__ | | 103.8 | | ___ | ML | 1.7 6915763 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 09:43:02.918 | -1.0 | | | | | T__ | | | | ___ | | 6915764 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 0.52 | 120.5 | Pg | 09:42:56.895 | 1.0 | | | | | T__ | | 440.1 | | ___ | ML | 2.4 6915762 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 09:42:56.396 | 0.4 | | | | | T__ | | 105.3 | | ___ | ML | 1.8 6915766 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 09:43:04.107 | -0.0 | | | | | T__ | | | | ___ | | 6915765 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 09:42:56.895 | 0.4 | | | | | T__ | | 181.6 | | ___ | ML | 2.1 6915767 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 09:43:05.181 | 0.1 | | | | | T__ | | | | ___ | | 6915768 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Pg | 09:43:02.879 | 0.6 | | | | | T__ | | 153.8 | | ___ | ML | 2.2 6915770 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 09:43:15.271 | -1.4 | | | | | T__ | | | | ___ | | 6915769 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 09:43:04.836 | -0.2 | | | | | T__ | | 86.1 | | ___ | ML | 2.0 6915771 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 09:43:18.647 | -1.4 | | | | | T__ | | | | ___ | | 6915772 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.99 | 248.7 | Pn | 09:43:05.603 | 0.3 | | | | | T__ | | 48.3 | | ___ | ML | 1.7 6915774 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

```

ET1H  0.99 248.7 Lg      09:43:19.184 -1.4      T__      ---      6915773  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE   1.33 332.3 Lg      09:43:28.161 -1.7      T__      ---      6915775  FDSN PL      -- BUD  iLoc  BHE ??? _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/09/16 10:04:16.19  0.83  1.02 48.6699  18.6133  5.8   3.1  37  0.0f      15   9 112  0.23  1.34  sx BUD      17002674  BUD      147

```

```

Magnitude Err Nsta Author      OrigID
ML      1.7 0.1   7 BUD      17002674

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
VYHS 0.23 139.9 Pg      10:04:21.222  0.2      T__      159.3      --- ML  1.1 6915820  FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS 0.23 139.9 Lg      10:04:25.058  0.3      T__      ---      6915821  FDSN SK      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
A331A 0.55 331.8 Pg      10:04:27.207  0.2      T__      114.6      --- ML  1.9 6915822  FDSN Z3      00 BUD  iLoc  HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JAVC  0.65 287.2 Pg      10:04:29.508 -0.2      T__      72.2      --- ML  1.7 6915823  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
JAVC  0.65 287.2 Lg      10:04:39.329 -0.6      T__      ---      6915824  FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS  0.94 252.0 Lg      10:04:49.150 -0.2      T__      ---      6915825  FDSN SK      -- BUD  iLoc  HHN ??? _
PSZ   1.14 130.8 Pn      10:04:40.250  1.5      T__      40.3      --- ML  1.7 6915827  FDSN GE      -- BUD  iLoc  HHZ HHZ _
PSZ   1.14 130.8 Lg      10:04:55.288 -1.5      T__      ---      6915826  FDSN GE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H  1.15 132.8 Pn      10:04:40.557  1.8      T__      28.1      --- ML  1.6 6915828  FDSN HU      -- BUD  iLoc  HHZ HHZ _
ET1H  1.15 132.8 Sn      10:04:56.056 -0.4      T__      ---      6915829  FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS  1.26 97.8 Pn      10:04:41.631  1.5      T__      80.3      --- ML  2.1 6915831  FDSN SK      -- BUD  iLoc  EHZ EHZ _
KECS  1.26 97.8 Lg      10:04:58.051 -0.9      T__      ---      6915830  FDSN SK      -- BUD  iLoc  EHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
MORC  1.31 328.0 Pg      10:04:40.710  0.2      T__      37.8      --- ML  1.8 6915833  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
MORC  1.31 328.0 Lg      10:04:58.971  0.2      T__      ---      6915832  FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE   1.34 55.3 Lg      10:04:59.585 -0.7      T__      ---      6915834  FDSN PL      -- BUD  iLoc  BHN ??? _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/09/16 13:12:08.36  0.98  0.87 47.5655  18.4568  6.0   3.2  99  0.0f      10   6 110  0.09  0.96  sx BUD      17002676  BUD      197

```

```

Magnitude Err Nsta Author      OrigID
ML      1.0 0.2   4 BUD      17002676

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU09A 0.09 325.5 Pg      13:12:11.334  0.6      T__      925.6      --- ML  1.5 6915872  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| HU09A | 0.09 | 325.5 | Lg | 13:12:12.307 | -0.7 | T__ | --- | 6915873 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.22 | 217.9 | Pg | 13:12:13.801 | 0.5 | T__ | 144.0 | --- | ML | 1.1 | 6915875 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.22 | 217.9 | Lg | 13:12:16.650 | -1.0 | T__ | --- | 6915874 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 213.4 | Pg | 13:12:14.565 | 0.8 | T__ | 109.6 | --- | ML | 1.0 | 6915876 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 213.4 | Lg | 13:12:17.464 | -1.0 | T__ | --- | 6915869 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.31 | 212.5 | Pg | 13:12:15.449 | 0.4 | T__ | 37.6 | --- | ML | 0.7 | 6915870 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.31 | 212.5 | Lg | 13:12:20.262 | -0.5 | T__ | --- | 6915871 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BUD | 0.39 | 101.8 | Lg | 13:12:23.216 | -0.5 | T__ | --- | 6915877 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | | |
| VYHS | 0.96 | 15.2 | Lg | 13:12:41.073 | -1.0 | T__ | --- | 6915878 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/17 | 08:03:31.52 | 1.04 | 0.72 | 46.1723 | 17.9991 | 5.0 | 4.1 | 59 | 2.0f | 6 | 4 | 124 | 0.11 | 0.45 | ke | BUD | 17002678 | BUD | | | | 237 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.3 | 4 BUD | 17002678 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.11 | 140.1 | Pg | 08:03:33.877 | -0.2 | | | | | T__ | | 793.3 | | --- | ML | 1.5 | 6915937 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.11 | 140.1 | Lg | 08:03:35.258 | -0.8 | | | | | T__ | | | | --- | | 6915938 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.29 | 206.5 | Pg | 08:03:37.943 | 0.5 | | | | | T__ | | 578.8 | | --- | ML | 1.9 | 6915942 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.29 | 330.8 | Pg | 08:03:37.445 | -0.1 | | | | | T__ | | 579.8 | | --- | ML | 1.9 | 6915941 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.45 | 84.3 | Pg | 08:03:41.358 | 0.8 | | | | | T__ | | 25.3 | | --- | ML | 1.0 | 6915940 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.45 | 84.3 | Lg | 08:03:47.189 | -0.2 | | | | | T__ | | | | --- | | 6915939 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/09/17 | 08:27:11.88 | 1.02 | 0.48 | 46.1457 | 18.3027 | 8.0 | 3.6 | 157 | 0.0f | 6 | 4 | 174 | 0.15 | 0.70 | kx | BUD | 17002680 | BUD | | | | 251 |
| 2021/09/17 | 08:27:11.95 | 0.99 | 0.53 | 46.1765 | 18.2926f | | | | 0.0f | 6 | 4 | 155 | 0.16 | 0.70 | kx | BUD_GT | 17002681 | BUD_GT | | | | 239 |

(locality : Komló Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.7 | 0.3 | 3 BUD_GT | 17002681 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 08:27:15.531 | -0.3 | T__ | 998.8 | ___ | ML | 1.7 | 6915966 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 08:27:18.601 | -0.3 | T__ | | --- | | | 6915967 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 08:27:17.603 | 0.1 | T__ | 245.6 | ___ | ML | 1.4 | 6915969 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 08:27:21.209 | -0.7 | T__ | | --- | | | 6915968 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Pg | 08:27:20.058 | 0.5 | T__ | 477.6 | ___ | ML | 2.0 | 6915970 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A264A | 0.70 | 269.0 | Lg | 08:27:36.631 | 0.7 | T__ | | --- | | | 6915971 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/17 | 09:49:58.76 | 0.86 | 1.16 | 48.4031 | 19.1073 | 8.5 | 2.9 | 24 | 0.0f | | 16 | 9 | 147 | 0.20 | 1.22 | sx | BUD | 17002682 | BUD | | | 147 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 7 BUD | 17002682 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VVHS | 0.20 | 296.8 | Pg | 09:50:04.335 | 1.2 | | | | | T__ | | 245.0 | | _c_ | ML | 1.3 | 6916007 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VVHS | 0.20 | 296.8 | Lg | 09:50:06.061 | -0.4 | | | | | T__ | | | | --- | | 6916008 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.72 | 132.3 | Pg | 09:50:14.654 | 0.6 | | | | | T__ | | 43.8 | | ___ | ML | 1.5 | 6916010 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.72 | 132.3 | Lg | 09:50:24.168 | -0.8 | | | | | T__ | | | | --- | | 6916009 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.73 | 135.4 | Pg | 09:50:14.654 | 0.5 | | | | | T__ | | 31.6 | | ___ | ML | 1.4 | 6916011 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.73 | 135.4 | Lg | 09:50:25.166 | 0.1 | | | | | T__ | | | | --- | | 6916012 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.92 | 84.5 | Pg | 09:50:17.647 | 0.6 | | | | | T__ | | 95.4 | | ___ | ML | 2.0 | 6916014 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.92 | 84.5 | Lg | 09:50:30.153 | -0.7 | | | | | T__ | | | | --- | | 6916013 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.96 | 83.9 | Pg | 09:50:18.337 | 0.6 | | | | | T__ | | 30.2 | | ___ | ML | 1.5 | 6916015 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.96 | 83.9 | Lg | 09:50:31.918 | -0.1 | | | | | T__ | | | | --- | | 6916016 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.99 | 106.0 | Pn | 09:50:19.411 | 0.5 | | | | | T__ | | 44.5 | | ___ | ML | 1.7 | 6916018 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.99 | 106.0 | Lg | 09:50:32.531 | -1.5 | | | | | T__ | | | | --- | | 6916017 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.06 | 296.1 | Pg | 09:50:19.872 | -0.4 | | | | | T__ | | 53.8 | | ___ | ML | 1.8 | 6916019 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.06 | 296.1 | Lg | 09:50:34.296 | -2.0 | | | | | T__ | | | | --- | | 6916020 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 1.19 | 209.0 | Sn | 09:50:38.670 | -1.1 | | | | | T__ | | | | --- | | 6916022 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MODS | 1.22 | 269.3 | Sn | 09:50:38.670 | -2.4 | | | | | T__ | | | | --- | | 6916021 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/17 | 10:49:55.28 | 1.02 | 1.14 | 48.5561 | 17.3836 | 8.8 | 3.2 | 125 | 0.0f | 8 | 4 | 184 | 0.20 | 0.97 | sx | BUD | 17002684 | BUD | | | | 245 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.20 | 201.2 | Pg | 10:50:00.299 | 0.5 | | | | | T__ | | | | | | 6916053 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.20 | 201.2 | Lg | 10:50:02.447 | -1.1 | | | | | T__ | | | | | | 6916054 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.36 | 32.0 | Pg | 10:50:02.984 | -0.0 | | | | | T__ | | 87.0 | | | ML | 1.2 | 6916057 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.36 | 32.0 | Lg | 10:50:09.352 | 0.3 | | | | | T__ | | | | | | 6916058 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.41 | 207.6 | Pg | 10:50:04.442 | 0.6 | | | | | T__ | | | | | | 6916056 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.41 | 207.6 | Lg | 10:50:09.352 | -1.0 | | | | | T__ | | | | | | 6916055 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.97 | 93.1 | Pg | 10:50:15.874 | 1.1 | | | | | T__ | | 22.0 | | | ML | 1.4 | 6916060 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.97 | 93.1 | Lg | 10:50:27.230 | -1.6 | | | | | T__ | | | | | | 6916059 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/09/17 | 16:52:35.20 | 2.59 | 0.92 | 47.7781 | 16.1908 | 13.6 | 6.1 | 57 | 8.2 | 25.3 | 6 | 4 | 131 | 0.11 | 1.29 | ke | BUD | 17002686 | BUD | | | | 214 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 137.7 | Pg | 16:52:38.143 | 0.1 | | | | | T__ | | 26.5 | | | ML | 0.0 | 6916079 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 137.7 | Lg | 16:52:39.946 | -0.1 | | | | | T__ | | | | | | 6916080 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 304.2 | Pg | 16:52:41.097 | 0.2 | | | | | T__ | | 23.8 | | | ML | 0.4 | 6916082 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 304.2 | Lg | 16:52:44.549 | -0.3 | | | | | T__ | | | | | | 6916081 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.70 | 220.9 | Lg | 16:52:57.439 | -0.1 | | | | | T__ | | | | | | 6916083 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.29 | 6.0 | Sn | 16:53:15.125 | -1.2 | | | | | T__ | | | | | | 6916084 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|----|
| 2021/09/18 | 03:05:01.09 | 0.70 | 0.74 | 47.4429 | 16.9383 | 3.0 | 2.4 | 33 | 8.4 | 6.0 | 69 | 40 | 41 | 0.22 | 2.64 | ke | BUD | 17002688 | BUD | | | | 59 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | 0.2 | 33 BUD | 17002688 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A260A | 0.22 | 224.8 | Pg | 03:05:05.831 | -0.2 | | | | | T__ | | 3597.1 | | | ML | 2.5 | 6916319 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.22 | 224.8 | Lg | 03:05:08.823 | -0.6 | | | | | T__ | | | | | | 6916320 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.27 | 95.4 | Pg | 03:05:07.595 | 0.7 | | | | | T__ | | 1459.0 | | | _d ML | 2.2 | 6916322 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.27 | 95.4 | Lg | 03:05:12.391 | 1.2 | | | | | T__ | | | | | | 6916321 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|---------------------------|--------------|------|-----|-------|--------|-------------|---------|--------|------|---------|---|--|--|
| (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | |
| SOP 0.35 313.2 Pg | 03:05:08.643 | 0.3 | T__ | 229.4 | _c_ ML | 1.6 6916345 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ | | |
| SOP 0.35 313.2 Lg | 03:05:13.746 | 0.5 | T__ | | --- | 6916346 | FDSN HU | -- BUD | iLoc | HNN ??? | _ | | |
| (Reading ML: 1.6 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0 | | | | | | | | | | | | | |
| MPLH 0.49 123.5 Pg | 03:05:10.968 | -0.1 | T__ | 325.4 | ___ ML | 2.2 6916351 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ | | |
| MPLH 0.49 123.5 Lg | 03:05:17.870 | -0.6 | T__ | | --- | 6916365 | FDSN HU | -- BUD | iLoc | HNN ??? | _ | | |
| (Reading ML: 2.2 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | |
| RONA 0.50 300.8 Pg | 03:05:11.357 | 0.0 | T__ | 138.7 | ___ ML | 1.8 6916347 | FDSN OE | -- BUD | iLoc | HHZ HHZ | _ | | |
| RONA 0.50 300.8 Lg | 03:05:18.416 | 0.2 | T__ | | --- | 6916348 | FDSN OE | -- BUD | iLoc | HNN ??? | _ | | |
| (Reading ML: 1.8 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | |
| A261A 0.51 163.6 Pg | 03:05:11.241 | -0.2 | T__ | 286.6 | ___ ML | 2.2 6916349 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A261A 0.51 163.6 Lg | 03:05:18.952 | 0.3 | T__ | | --- | 6916350 | FDSN Z3 | 00 BUD | iLoc | HNN ??? | _ | | |
| (Reading ML: 2.2 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | |
| A262A 0.64 206.0 Pg | 03:05:13.630 | -0.3 | T__ | 636.0 | ___ ML | 2.7 6916352 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A262A 0.64 206.0 Lg | 03:05:22.516 | 0.1 | T__ | | --- | 6916366 | FDSN Z3 | 00 BUD | iLoc | HNN ??? | _ | | |
| (Reading ML: 2.7 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0 | | | | | | | | | | | | | |
| HU08A 0.67 90.6 Pg | 03:05:14.352 | -0.1 | T__ | 255.5 | ___ ML | 2.3 6916353 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ | | |
| HU08A 0.67 90.6 Lg | 03:05:24.019 | -0.8 | T__ | | --- | 6916354 | FDSN ZJ | 00 BUD | iLoc | HNN ??? | _ | | |
| (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | |
| ZST 0.76 8.3 Pg | 03:05:16.329 | 0.0 | T__ | | --- | 6916367 | FDSN SK | -- BUD | iLoc | HHZ ??? | _ | | |
| ZST 0.76 8.3 Lg | 03:05:26.996 | -0.6 | T__ | | --- | 6916368 | FDSN SK | -- BUD | iLoc | HHE ??? | _ | | |
| A263A 0.84 162.1 Pn | 03:05:18.158 | 0.1 | T__ | 225.6 | ___ ML | 2.3 6916363 | FDSN Z3 | 00 BUD | iLoc | HHZ HHZ | _ | | |
| A263A 0.84 162.1 Lg | 03:05:29.015 | 0.0 | T__ | | --- | 6916362 | FDSN Z3 | 00 BUD | iLoc | HNN ??? | _ | | |
| (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | |
| TIH 0.85 129.5 Pn | 03:05:18.265 | 0.2 | T__ | 497.2 | ___ ML | 2.7 6916324 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ | | |
| (Reading ML: 2.7 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0 | | | | | | | | | | | | | |
| CONA 0.87 304.1 Pg | 03:05:18.114 | -0.3 | T__ | 96.4 | ___ ML | 2.0 6916325 | FDSN OE | -- BUD | iLoc | HHZ HHZ | _ | | |
| CONA 0.87 304.1 Lg | 03:05:29.912 | 0.0 | T__ | | --- | 6916369 | FDSN OE | -- BUD | iLoc | HNN ??? | _ | | |
| (Reading ML: 2.0 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | |
| CSKK 0.90 94.6 Pg | 03:05:19.338 | 0.5 | T__ | 209.1 | ___ ML | 2.3 6916326 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ | | |
| CSKK 0.90 94.6 Sn | 03:05:31.523 | -1.0 | T__ | | --- | 6916370 | FDSN HU | -- BUD | iLoc | HHE ??? | _ | | |
| (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | |
| MODS 0.96 13.6 Pn | 03:05:19.849 | -0.1 | T__ | | --- | 6916329 | FDSN SK | -- BUD | iLoc | HHZ ??? | _ | | |
| MODS 0.96 13.6 Sn | 03:05:33.673 | -0.6 | T__ | | --- | 6916355 | FDSN SK | -- BUD | iLoc | HNN ??? | _ | | |
| BEHE 0.98 186.6 Pg | 03:05:20.346 | 0.0 | T__ | 317.0 | ___ ML | 2.5 6916328 | FDSN HU | -- BUD | iLoc | HHZ HHZ | _ | | |
| BEHE 0.98 186.6 Sn | 03:05:33.301 | -0.6 | T__ | | --- | 6916372 | FDSN HU | -- BUD | iLoc | HNN ??? | _ | | |
| (Reading ML: 2.5 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1 | | | | | | | | | | | | | |
| ARSA 0.98 259.2 Pg | 03:05:19.252 | -0.9 | T__ | 107.3 | ___ ML | 2.1 6916327 | FDSN OE | -- BUD | iLoc | HHZ HHZ | _ | | |
| ARSA 0.98 259.2 Lg | 03:05:32.069 | -0.4 | T__ | | --- | 6916371 | FDSN OE | -- BUD | iLoc | HHE ??? | _ | | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | |
| HU09A 1.00 78.2 Pn | 03:05:20.495 | 0.3 | T__ | 347.8 | ___ ML | 2.6 6916330 | FDSN ZJ | 00 BUD | iLoc | HHZ HHZ | _ | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|---------|------|---------|------|-----|------|-----|------|-----|-----|---|
| HU09A | 1.00 | 78.2 | Sn | 03:05:34.929 | 0.1 | T__ | | | 6916356 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| SR0 | 1.00 | 67.8 | Pn | 03:05:20.821 | 0.6 | T__ | 910.3 | --- | ML | 3.0 | 6916331 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SR0 | 1.00 | 67.8 | Sn | 03:05:35.088 | 0.1 | T__ | | --- | | | 6916357 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A005B | 1.05 | 332.3 | Pg | 03:05:21.926 | 0.5 | T__ | 395.0 | --- | ML | 2.7 | 6916332 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 1.05 | 332.3 | Lg | 03:05:36.146 | -0.1 | T__ | | --- | | | 6916358 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KOGS | 1.10 | 205.6 | Pn | 03:05:21.361 | -0.4 | T__ | 99.5 | --- | ML | 2.1 | 6916333 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 1.10 | 205.6 | Sn | 03:05:36.444 | -0.3 | T__ | | --- | | | 6916359 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A338A | 1.11 | 58.5 | Pn | 03:05:22.395 | 0.6 | T__ | 186.0 | --- | ML | 2.4 | 6916360 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A338A | 1.11 | 58.5 | Sn | 03:05:38.737 | 1.0 | T__ | | --- | | | 6916364 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A008A | 1.27 | 317.4 | Pg | 03:05:24.795 | -0.6 | T__ | 93.9 | --- | ML | 2.2 | 6916334 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 1.27 | 317.4 | Lg | 03:05:41.567 | -0.7 | T__ | | --- | | | 6916361 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A264A | 1.31 | 169.2 | Pg | 03:05:26.131 | -0.1 | T__ | 130.6 | --- | ML | 2.3 | 6916373 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| BUD | 1.42 | 87.6 | Sn | 03:05:46.291 | 1.1 | T__ | | --- | | | 6916374 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| HU10A | 1.46 | 73.3 | Pn | 03:05:27.091 | 0.5 | T__ | 181.2 | --- | ML | 2.6 | 6916375 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.50 | 18.8 | Pn | 03:05:28.392 | 0.8 | T__ | 53.1 | --- | ML | 2.1 | 6916335 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.50 | 18.8 | Sn | 03:05:48.757 | 0.6 | T__ | | --- | | | 6916376 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A272A | 1.55 | 116.0 | Lg | 03:05:52.644 | -0.6 | T__ | | --- | | | 6916377 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| KOVH | 1.57 | 149.1 | Pn | 03:05:28.627 | 0.7 | T__ | 27.4 | --- | ML | 1.8 | 6916336 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.57 | 149.1 | Pg | 03:05:31.832 | 0.5 | T__ | | --- | | | 6916378 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.65 | 49.8 | Pn | 03:05:29.693 | 0.3 | T__ | 14.0 | --- | ML | 1.6 | 6916338 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.66 | 347.6 | Pn | 03:05:30.160 | 0.5 | T__ | 29.9 | --- | ML | 1.9 | 6916337 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.66 | 347.6 | Sn | 03:05:52.644 | 1.6 | T__ | | --- | | | 6916380 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PTJ | 1.68 | 203.9 | Sn | 03:05:51.269 | -0.2 | T__ | | --- | | | 6916379 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ |
| MORH | 1.70 | 135.8 | Sn | 03:05:53.071 | 1.7 | T__ | | --- | | | 6916381 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| VRAC | 1.88 | 353.1 | Pn | 03:05:33.443 | 0.7 | T__ | 10.3 | --- | ML | 1.6 | 6916341 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.88 | 241.2 | Pn | 03:05:33.001 | -0.3 | T__ | 51.6 | --- | ML | 2.3 | 6916339 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.88 | 241.2 | Pg | 03:05:36.762 | 1.1 | T__ | | --- | | | 6916383 | FDSN | OE | -- | BUD | iLoc | HHZ | ??? | _ |

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|------|----------------------------|-------|----|--------------|------|-----|------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| OBKA | 1.88 | 241.2 | Lg | 03:06:02.221 | 1.0 | T__ | | | | | | | | 6916382 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| CRES | 1.91 | 212.8 | Pn | 03:05:32.490 | -0.9 | T__ | 35.1 | | | | | | | 6916340 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 1.91 | 212.8 | Lg | 03:06:03.122 | 0.5 | T__ | | | | | | | | 6916384 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ |
| | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 2.03 | 76.5 | Pn | 03:05:35.436 | 1.0 | T__ | 22.9 | | | | | | | 6916342 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 2.03 | 76.5 | Pg | 03:05:38.990 | -2.1 | T__ | | | | | | | | 6916385 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 2.05 | 75.5 | Pg | 03:05:39.370 | -2.4 | T__ | 27.1 | | | | | | | 6916386 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| CKRC | 2.24 | 309.0 | Lg | 03:06:11.987 | -0.5 | T__ | | | | | | | | 6916388 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 2.37 | 9.5 | Pn | 03:05:40.133 | 0.5 | T__ | 28.6 | | | | | | | 6916343 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 2.37 | 9.5 | Sn | 03:06:09.237 | -0.2 | T__ | | | | | | | | 6916387 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| JOS | 2.64 | 65.1 | Pn | 03:05:43.487 | 0.6 | T__ | 27.0 | | | | | | | 6916344 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

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|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/09/18 | 03:07:04.21 | 0.70 | 0.97 | 47.4478 | 16.9600 | 2.7 | 2.4 | 28 | 5.7 | 6.4 | 110 | 64 | 40 | 0.24 | 3.85 | ke | BUD | 17002690 | BUD | | | 58 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 2.9 | 0.1 | 57 BUD | 17002690 |

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|-------|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|--------|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| A260A | 0.24 | 226.5 | Pg | 03:07:09.246 | -0.0 | | | | | T__ | | 29797.1 | | _d | ML | 3.4 | 6916849 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.24 | 226.5 | Lg | 03:07:12.257 | -0.5 | | | | | T__ | | | | | | 6916850 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.25 | 96.8 | Pg | 03:07:10.924 | 1.3 | | | | | T__ | 7263.8 | | | _d | ML | 2.9 | 6916851 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.25 | 96.8 | Lg | 03:07:14.415 | 0.7 | | | | | T__ | | | | | | 6916852 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.36 | 311.0 | Pg | 03:07:12.046 | 0.5 | | | | | T__ | 1607.6 | | | _c | ML | 2.5 | 6916854 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.36 | 311.0 | Lg | 03:07:16.707 | 0.2 | | | | | T__ | | | | | | 6916853 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.48 | 124.9 | Pg | 03:07:14.063 | 0.1 | | | | | T__ | 1651.3 | | | | ML | 2.9 | 6916856 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.48 | 124.9 | Lg | 03:07:21.031 | -0.2 | | | | | T__ | | | | | | 6916887 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A261A | 0.51 | 165.4 | Pg | 03:07:14.034 | -0.5 | | | | | T__ | 1450.3 | | | | ML | 2.9 | 6916857 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.51 | 165.4 | Lg | 03:07:21.935 | 0.2 | | | | | T__ | | | | | | 6916888 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.52 | 299.5 | Pg | 03:07:14.543 | -0.1 | | | | | T__ | 957.0 | | | _d | ML | 2.7 | 6916855 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.52 | 299.5 | Lg | 03:07:21.722 | 0.2 | | | | | T__ | | | | | | 6916886 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

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|---------------------------|------|-------|----|--------------|------|-----|--------|-----|----|-----|---------|-------------------------------|
| (Reading ML: 2.7 magdef=1 | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1 | | | | | | | | | | | | |
| A262A | 0.65 | 207.0 | Pg | 03:07:16.826 | -0.4 | T__ | 5027.7 | ___ | ML | 3.6 | 6916858 | FDSN Z3 00 BUD iLoc HHZ HHZ _ |
| A262A | 0.65 | 207.0 | Lg | 03:07:25.965 | 0.1 | T__ | | --- | | | 6916889 | FDSN Z3 00 BUD iLoc HHN ??? _ |
| (Reading ML: 3.6 magdef=1 | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=0 | | | | | | | | | | | | |
| HU08A | 0.65 | 91.1 | Pg | 03:07:17.634 | 0.4 | T__ | 1397.4 | ___ | ML | 3.0 | 6916859 | FDSN ZJ 00 BUD iLoc HHZ HHZ _ |
| HU08A | 0.65 | 91.1 | Lg | 03:07:27.285 | -0.1 | T__ | | --- | | | 6916890 | FDSN ZJ 00 BUD iLoc HHN ??? _ |
| (Reading ML: 3.0 magdef=1 | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1 | | | | | | | | | | | | |
| ZST | 0.75 | 7.3 | Pn | 03:07:19.574 | -0.9 | T__ | | --- | | | 6916942 | FDSN SK -- BUD iLoc HHZ ??? _ |
| TIH | 0.84 | 130.4 | Pg | 03:07:21.433 | 0.6 | T__ | 2987.2 | ___ | ML | 3.4 | 6916862 | FDSN HU -- BUD iLoc HHZ HHZ _ |
| (Reading ML: 3.4 magdef=1 | | | | | | | | | | | | |
| (Station ML: 3.4 magdef=0 | | | | | | | | | | | | |
| A263A | 0.84 | 163.1 | Pg | 03:07:21.687 | 0.8 | T__ | 1541.8 | ___ | ML | 3.2 | 6916943 | FDSN Z3 00 BUD iLoc HHZ HHZ _ |
| A263A | 0.84 | 163.1 | Sn | 03:07:32.107 | -2.0 | T__ | | --- | | | 6916892 | FDSN Z3 00 BUD iLoc HHN ??? _ |
| (Reading ML: 3.2 magdef=1 | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=0 | | | | | | | | | | | | |
| CONA | 0.88 | 303.3 | Pg | 03:07:21.380 | -0.3 | T__ | 796.4 | ___ | ML | 2.9 | 6916861 | FDSN OE -- BUD iLoc HHZ HHZ _ |
| CONA | 0.88 | 303.3 | Sn | 03:07:33.351 | -2.4 | T__ | | --- | | | 6916893 | FDSN OE -- BUD iLoc HHN ??? _ |
| (Reading ML: 2.9 magdef=1 | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1 | | | | | | | | | | | | |
| CSKK | 0.89 | 95.0 | Pg | 03:07:22.161 | 0.5 | T__ | 1309.1 | ___ | ML | 3.1 | 6916863 | FDSN HU -- BUD iLoc HHZ HHZ _ |
| CSKK | 0.89 | 95.0 | Sn | 03:07:35.031 | -0.8 | T__ | | --- | | | 6916894 | FDSN HU -- BUD iLoc HHN ??? _ |
| (Reading ML: 3.1 magdef=1 | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1 | | | | | | | | | | | | |
| A002B | 0.95 | 345.1 | Pg | 03:07:23.426 | 0.7 | T__ | 902.4 | ___ | ML | 3.0 | 6916944 | FDSN Z3 00 BUD iLoc HHZ HHZ _ |
| (Reading ML: 3.0 magdef=1 | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1 | | | | | | | | | | | | |
| MODS | 0.95 | 12.9 | Pg | 03:07:23.120 | -0.1 | T__ | | --- | | | 6916864 | FDSN SK -- BUD iLoc HHZ ??? _ |
| MODS | 0.95 | 12.9 | Sn | 03:07:36.839 | -0.8 | T__ | | --- | | | 6916898 | FDSN SK -- BUD iLoc HHN ??? _ |
| HU09A | 0.98 | 78.3 | Pg | 03:07:23.680 | 0.1 | T__ | 1943.1 | ___ | ML | 3.3 | 6916865 | FDSN ZJ 00 BUD iLoc HHZ HHZ _ |
| HU09A | 0.98 | 78.3 | Sn | 03:07:38.040 | -0.1 | T__ | | --- | | | 6916899 | FDSN ZJ 00 BUD iLoc HHN ??? _ |
| (Reading ML: 3.3 magdef=1 | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=0 | | | | | | | | | | | | |
| SR0 | 0.99 | 67.7 | Pg | 03:07:23.706 | -0.0 | T__ | 4587.1 | ___ | ML | 3.7 | 6916866 | FDSN SK -- BUD iLoc EHZ EHZ _ |
| SR0 | 0.99 | 67.7 | Sn | 03:07:38.132 | -0.1 | T__ | | --- | | | 6916900 | FDSN SK -- BUD iLoc EHN ??? _ |
| (Reading ML: 3.7 magdef=1 | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=0 | | | | | | | | | | | | |
| BEHE | 0.99 | 187.4 | Pg | 03:07:23.624 | -0.1 | T__ | 2382.0 | ___ | ML | 3.4 | 6916897 | FDSN HU -- BUD iLoc HHZ HHZ _ |
| BEHE | 0.99 | 187.4 | Lg | 03:07:36.591 | 0.0 | T__ | | --- | | | 6916896 | FDSN HU -- BUD iLoc HHE ??? _ |
| (Reading ML: 3.4 magdef=1 | | | | | | | | | | | | |
| (Station ML: 3.4 magdef=0 | | | | | | | | | | | | |
| ARSA | 1.00 | 259.1 | Pg | 03:07:22.631 | -0.9 | T__ | 820.2 | ___ | ML | 3.0 | 6916945 | FDSN OE -- BUD iLoc HHZ HHZ _ |
| ARSA | 1.00 | 259.1 | Sn | 03:07:35.421 | -2.5 | T__ | | --- | | | 6916895 | FDSN OE -- BUD iLoc HHN ??? _ |
| (Reading ML: 3.0 magdef=1 | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1 | | | | | | | | | | | | |
| A005B | 1.05 | 331.5 | Pg | 03:07:24.599 | -0.0 | T__ | 2812.3 | ___ | ML | 3.5 | 6916902 | FDSN Z3 00 BUD iLoc HHZ HHZ _ |
| A005B | 1.05 | 331.5 | Lg | 03:07:40.213 | 0.8 | T__ | | --- | | | 6916901 | FDSN Z3 00 BUD iLoc HHN ??? _ |
| (Reading ML: 3.5 magdef=1 | | | | | | | | | | | | |
| (Station ML: 3.5 magdef=0 | | | | | | | | | | | | |
| A338A | 1.10 | 58.4 | Pg | 03:07:25.731 | -0.4 | T__ | 792.6 | ___ | ML | 3.0 | 6916868 | FDSN Z3 00 BUD iLoc HHZ HHZ _ |
| A338A | 1.10 | 58.4 | Sn | 03:07:41.510 | 0.5 | T__ | | --- | | | 6916904 | FDSN Z3 00 BUD iLoc HH2 ??? _ |

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| (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 K0GS 1.11 206.2 Pn 03:07:24.230 -1.2 T__ 721.7 ___ ML 3.0 6916867 FDSN SL -- BUD iLoc BHZ BHZ _ K0GS 1.11 206.2 Lg 03:07:39.418 -0.6 T__ ___ 6916903 FDSN SL -- BUD iLoc BHN ??? _ (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 A267A 1.15 115.2 Pg 03:07:26.555 -0.2 T__ 602.3 ___ ML 2.9 6916869 FDSN Z3 00 BUD iLoc HHZ HHZ _ A267A 1.15 115.2 Sn 03:07:42.296 0.3 T__ ___ 6916905 FDSN Z3 00 BUD iLoc HHN ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 A265A 1.17 150.5 Pg 03:07:26.998 -0.1 T__ 464.1 ___ ML 2.8 6916946 FDSN Z3 00 BUD iLoc HHZ HHZ _ A265A 1.17 150.5 Lg 03:07:42.469 -0.5 T__ ___ 6916906 FDSN Z3 00 BUD iLoc HHN ??? _ (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 A008A 1.27 316.8 Pg 03:07:27.969 -0.6 T__ 583.8 ___ ML 3.0 6916870 FDSN Z3 00 BUD iLoc HHZ HHZ _ A008A 1.27 316.8 Lg 03:07:44.946 -1.0 T__ ___ 6916907 FDSN Z3 00 BUD iLoc HH2 ??? _ (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 A264A 1.31 169.9 Pg 03:07:29.473 -0.1 T__ 450.9 ___ ML 2.9 6916947 FDSN Z3 00 BUD iLoc HHZ HHZ _ A264A 1.31 169.9 Lg 03:07:44.997 -1.7 T__ ___ 6916908 FDSN Z3 00 BUD iLoc HHE ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 A271A 1.31 102.3 Pg 03:07:28.994 -0.9 T__ 453.5 ___ ML 2.9 6916871 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 BUD 1.40 87.8 Pn 03:07:30.141 1.0 T__ 399.5 ___ ML 2.9 6916872 FDSN HU -- BUD iLoc HHZ HHZ _ BUD 1.40 87.8 Sn 03:07:49.575 1.1 T__ ___ 6916909 FDSN HU -- BUD iLoc HHE ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 HU10A 1.45 73.3 Lg 03:07:53.191 -0.5 T__ ___ 6916910 FDSN ZJ 00 BUD iLoc HHE ??? _ JAVC 1.49 18.4 Pn 03:07:31.251 0.3 T__ 355.0 ___ ML 2.9 6916873 FDSN CZ -- BUD iLoc HHZ HHZ _ JAVC 1.49 18.4 Lg 03:07:54.384 -0.3 T__ ___ 6916911 FDSN CZ -- BUD iLoc HHE ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 A272A 1.54 116.5 Pn 03:07:31.855 0.9 T__ 414.6 ___ ML 3.0 6916948 FDSN Z3 00 BUD iLoc HHZ HHZ _ A272A 1.54 116.5 Sn 03:07:52.476 0.9 T__ ___ 6916912 FDSN Z3 00 BUD iLoc HHE ??? _ (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 KOVH 1.57 149.6 Pn 03:07:31.805 0.4 T__ 143.5 ___ ML 2.5 6916874 FDSN HU -- BUD iLoc HHZ HHZ _ KOVH 1.57 149.6 Lg 03:07:53.310 -1.9 T__ ___ 6916913 FDSN HU -- BUD iLoc HHE ??? _ (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=0 VYHS 1.64 49.6 Pn 03:07:32.601 -0.1 T__ 82.0 ___ ML 2.3 6916877 FDSN SK -- BUD iLoc HHZ HHZ _ (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0 A273A 1.64 158.6 Pn 03:07:33.110 0.7 T__ 238.0 ___ ML 2.8 6916949 FDSN Z3 00 BUD iLoc HHZ HHZ _ A273A 1.64 158.6 Lg 03:07:57.968 1.1 T__ ___ 6916950 FDSN Z3 00 BUD iLoc HHN ??? _ (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 KRUC 1.66 347.1 Pn 03:07:33.024 -0.0 T__ 186.1 ___ ML 2.7 6916876 FDSN CZ -- BUD iLoc HHZ HHZ _ KRUC 1.66 347.1 Sn 03:07:55.383 0.7 T__ ___ 6916951 FDSN CZ -- BUD iLoc HHN ??? _ (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0 |
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|----------------------------|------|-------|----|--------------|------|-----|-------|-----|------|-----|---------|------|----|----|-----|------|-----|-----|---|
| PTJ | 1.69 | 204.3 | Pn | 03:07:32.990 | -0.7 | T__ | 228.6 | ___ | ML | 2.8 | 6916875 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 1.69 | 204.3 | Sn | 03:07:54.192 | -1.2 | T__ | | --- | | | 6916914 | FDSN | CR | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MORH | 1.69 | 136.2 | Pn | 03:07:33.036 | 0.1 | T__ | 98.6 | ___ | ML | 2.4 | 6916878 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.69 | 136.2 | Sn | 03:07:56.051 | 1.2 | T__ | | --- | | | 6916952 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU01A | 1.81 | 92.3 | Pn | 03:07:36.086 | 1.3 | T__ | 464.4 | ___ | ML | 3.2 | 6916916 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU01A | 1.81 | 92.3 | Lg | 03:08:05.549 | -0.0 | T__ | | --- | | | 6916915 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU04A | 1.83 | 109.4 | Pn | 03:07:35.906 | 0.9 | T__ | 229.5 | ___ | ML | 2.9 | 6916953 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU04A | 1.83 | 109.4 | Lg | 03:08:04.469 | -1.6 | T__ | | --- | | | 6916928 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU03A | 1.84 | 74.7 | Pn | 03:07:36.641 | 1.4 | T__ | 247.6 | ___ | ML | 2.9 | 6916880 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 1.84 | 74.7 | Pg | 03:07:40.161 | -0.3 | T__ | | --- | | | 6916918 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.88 | 352.7 | Pn | 03:07:36.440 | 0.3 | T__ | 51.9 | ___ | ML | 2.3 | 6916881 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.90 | 241.3 | Pn | 03:07:36.066 | -0.9 | T__ | 333.7 | ___ | d ML | 3.1 | 6916879 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.90 | 241.3 | Lg | 03:08:05.726 | 0.3 | T__ | | --- | | | 6916917 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A331A | 1.90 | 25.8 | Pn | 03:07:36.792 | 0.4 | T__ | 129.2 | ___ | ML | 2.7 | 6916882 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CRES | 1.92 | 213.1 | Pn | 03:07:35.845 | -1.1 | T__ | 138.6 | ___ | ML | 2.7 | 6916940 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 1.92 | 213.1 | Pg | 03:07:40.862 | 1.0 | T__ | | --- | | | 6916919 | FDSN | SL | -- | BUD | iLoc | BHZ | ??? | _ |
| CRES | 1.92 | 213.1 | Lg | 03:08:07.188 | 0.9 | T__ | | --- | | | 6916941 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| ET1H | 2.01 | 76.6 | Pn | 03:07:38.544 | 0.8 | T__ | 97.0 | ___ | ML | 2.6 | 6916883 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 2.01 | 76.6 | Lg | 03:08:11.952 | -0.5 | T__ | | --- | | | 6916920 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PSZ | 2.04 | 75.6 | Pn | 03:07:38.979 | 0.7 | T__ | 149.1 | ___ | ML | 2.8 | 6916884 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 2.04 | 75.6 | Pg | 03:07:44.104 | -0.5 | T__ | | --- | | | 6916921 | FDSN | GE | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TREC | 2.09 | 332.6 | Pn | 03:07:39.505 | 0.3 | T__ | 213.9 | ___ | ML | 3.0 | 6916954 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| TREC | 2.09 | 332.6 | Pg | 03:07:43.784 | -0.2 | T__ | 213.7 | ___ | ML | 3.0 | 6916929 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU21A | 2.20 | 119.4 | Pn | 03:07:41.346 | 1.3 | T__ | 139.2 | ___ | ML | 2.9 | 6916885 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CKRC | 2.24 | 308.7 | Pg | 03:07:46.351 | 0.0 | T__ | 465.1 | ___ | ML | 3.4 | 6916955 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.4 magdef=0) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|---------|------|----|----|-----|------|-----|-----|---|
| BSZH | 2.25 | 92.6 | Lg | 03:08:19.075 | -1.1 | T__ | | | | | | | | 6916930 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 2.36 | 9.2 | Pn | 03:07:43.498 | 0.5 | T__ | 74.4 | --- | ML | 2.7 | 6916922 | FDSN | CZ | 6916922 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 2.36 | 9.2 | Sn | 03:08:12.334 | -0.6 | T__ | | --- | | | 6916931 | FDSN | CZ | 6916931 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 2.50 | 73.0 | Pn | 03:07:45.646 | 1.2 | T__ | 64.1 | --- | ML | 2.7 | 6916923 | FDSN | ZJ | 6916923 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| HU06A | 2.57 | 105.3 | Pn | 03:07:45.950 | 0.8 | T__ | 137.5 | --- | ML | 3.1 | 6916924 | FDSN | ZJ | 6916924 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU06A | 2.57 | 105.3 | Sn | 03:08:18.164 | 1.7 | T__ | | --- | | | 6916956 | FDSN | ZJ | 6916956 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 2.59 | 65.1 | Pn | 03:07:46.126 | 0.5 | T__ | 127.7 | --- | ML | 3.0 | 6916925 | FDSN | SK | 6916925 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 2.59 | 65.1 | Lg | 03:08:28.734 | -1.9 | T__ | | --- | | | 6916957 | FDSN | SK | 6916957 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 2.62 | 65.1 | Pn | 03:07:46.552 | 0.4 | T__ | 56.8 | --- | ML | 2.7 | 6916926 | FDSN | ZJ | 6916926 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 2.62 | 65.1 | Sn | 03:08:19.062 | 0.6 | T__ | | --- | | | 6916958 | FDSN | ZJ | 6916958 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| BLY | 2.70 | 176.6 | Pn | 03:07:47.726 | 0.3 | T__ | 73.0 | --- | ML | 2.9 | 6916927 | FDSN | MN | 6916927 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 2.70 | 176.6 | Lg | 03:08:32.349 | 3.7 | T__ | | --- | | | 6916959 | FDSN | MN | 6916959 | FDSN | MN | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| AMBH | 2.81 | 111.7 | Lg | 03:08:36.745 | -0.9 | T__ | | --- | | | 6916932 | FDSN | HU | 6916932 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU05A | 2.83 | 86.4 | Sn | 03:08:24.723 | 2.0 | T__ | | --- | | | 6916960 | FDSN | ZJ | 6916960 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| ABAH | 3.00 | 72.0 | Pg | 03:08:01.742 | -0.8 | T__ | 42.3 | --- | ML | 2.8 | 6916936 | FDSN | HU | 6916936 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| PRU | 3.00 | 328.7 | Pg | 03:08:01.580 | 0.7 | T__ | 153.7 | --- | ML | 3.4 | 6916934 | FDSN | CZ | 6916934 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| PRU | 3.00 | 328.7 | Lg | 03:08:41.861 | 2.3 | T__ | | --- | | | 6916933 | FDSN | CZ | 6916933 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| FRGS | 3.02 | 138.2 | Pn | 03:07:51.845 | 0.2 | T__ | 50.6 | --- | ML | 2.9 | 6916935 | FDSN | SJ | 6916935 | FDSN | SJ | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 3.43 | 108.4 | Pn | 03:07:56.909 | -0.5 | T__ | 22.9 | --- | ML | 2.8 | 6916937 | FDSN | RO | 6916937 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 3.82 | 77.7 | Pg | 03:08:16.973 | -1.1 | T__ | 32.6 | --- | ML | 3.1 | 6916938 | FDSN | HU | 6916938 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 3.85 | 65.3 | Pn | 03:08:03.469 | -0.1 | T__ | | --- | | | 6916939 | FDSN | SK | 6916939 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/18 | 03:10:11.97 | 1.82 | 0.38 | 47.3950 | 16.9035 | 8.2 | 3.9 | 5 | 16.9 | 18.1 | 9 | 5 | 143 | 0.17 | 0.69 | ke | BUD | 17002692 | BUD | | | 220 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.1 | 4 BUD | 17002692 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| A260A | 0.17 | 230.4 | Pg | 03:10:16.699 | 0.0 | | | | | T__ | | 166.8 | | --- | ML | 1.0 | 6917097 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| A260A | 0.17 | 230.4 | Lg | 03:10:20.113 | 0.1 | T__ | | | | | | | | 6917098 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.29 | 85.5 | Pg | 03:10:18.645 | 0.0 | T__ | 102.8 | | | | | | | 6917103 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.29 | 85.5 | Lg | 03:10:23.604 | 0.0 | T__ | | | | | | | | 6917099 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.37 | 321.1 | Pg | 03:10:20.266 | 0.3 | T__ | 35.6 | | | | | | | 6917100 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.37 | 321.1 | Lg | 03:10:24.717 | -0.6 | T__ | | | | | | | | 6917101 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.51 | 306.8 | Pg | 03:10:22.616 | 0.1 | T__ | 25.1 | | | | | | | 6917104 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.51 | 306.8 | Lg | 03:10:29.665 | -0.0 | T__ | | | | | | | | 6917102 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.69 | 86.6 | Sn | 03:10:36.254 | -0.4 | T__ | | | | | | | | 6917105 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/09/18 04:47:05.24 0.72 0.81 47.4437 16.9451 2.9 2.3 27 5.2 7.3 96 51 41 0.23 3.00 ke BUD 17002694 BUD 59

Magnitude Err Nsta Author OrigID
 ML 2.7 0.2 43 BUD 17002694

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|---------|------|------|------|------|------|-----|-----|---|
| A260A | 0.23 | 225.5 | Pg | 04:47:09.983 | -0.1 | | | | | T__ | | 17167.9 | | | ML | 3.2 | 6917479 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A260A | 0.23 | 225.5 | Lg | 04:47:12.946 | -0.5 | | | | | T__ | | | | | | 6917498 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.26 | 95.6 | Pg | 04:47:11.872 | 1.1 | | | | | T__ | | 5176.1 | | | _d | ML | 2.7 | 6917480 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.26 | 95.6 | Lg | 04:47:16.360 | 1.4 | | | | | T__ | | | | | | 6917499 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.36 | 312.6 | Pg | 04:47:12.869 | 0.4 | | | | | T__ | | 1053.2 | | | ML | 2.3 | 6917481 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| SOP | 0.36 | 312.6 | Lg | 04:47:17.778 | 0.4 | | | | | T__ | | | | | | 6917500 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.49 | 123.9 | Pg | 04:47:14.943 | -0.2 | | | | | T__ | | 1078.2 | | | ML | 2.7 | 6917482 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MPLH | 0.49 | 123.9 | Lg | 04:47:22.273 | -0.1 | | | | | T__ | | | | | | 6917502 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.51 | 300.5 | Pg | 04:47:15.521 | 0.0 | | | | | T__ | | 535.4 | | | ML | 2.4 | 6917483 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.51 | 300.5 | Lg | 04:47:22.411 | 0.0 | | | | | T__ | | | | | | 6917501 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A261A | 0.51 | 164.2 | Pg | 04:47:15.167 | -0.4 | | | | | T__ | | 1053.3 | | | ML | 2.7 | 6917484 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A261A | 0.51 | 164.2 | Lg | 04:47:22.579 | -0.2 | | | | | T__ | | | | | | 6917503 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.65 | 206.3 | Pg | 04:47:17.686 | -0.4 | | | | | T__ | | 2729.0 | | | ML | 3.3 | 6917485 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A262A | 0.65 | 206.3 | Lg | 04:47:27.044 | 0.5 | | | | | T__ | | | | | | 6917504 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU08A | 0.66 | 90.7 | Pg | 04:47:18.822 | 0.4 | T__ | 1108.4 | ___ | ML | 2.9 | 6917506 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.66 | 90.7 | Lg | 04:47:28.393 | -0.4 | T__ | | --- | | | 6917505 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ZST | 0.76 | 8.0 | Pg | 04:47:20.430 | 0.0 | T__ | | --- | | | 6917538 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| ZST | 0.76 | 8.0 | Lg | 04:47:31.209 | -0.4 | T__ | | --- | | | 6917539 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| A263A | 0.84 | 162.4 | Pn | 04:47:22.491 | -0.1 | T__ | 861.8 | --- | ML | 2.9 | 6917487 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.84 | 162.4 | Lg | 04:47:33.329 | 0.0 | T__ | | --- | | | 6917508 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TIH | 0.85 | 129.7 | Pn | 04:47:22.405 | -0.1 | T__ | 1737.8 | --- | ML | 3.2 | 6917488 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CONA | 0.88 | 303.9 | Pg | 04:47:22.200 | -0.4 | T__ | 523.0 | --- | ML | 2.7 | 6917489 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.88 | 303.9 | Lg | 04:47:34.207 | 0.1 | T__ | | --- | | | 6917509 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.90 | 94.7 | Pg | 04:47:23.238 | 0.3 | T__ | 923.0 | --- | ML | 3.0 | 6917490 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.90 | 94.7 | Sn | 04:47:36.223 | -1.0 | T__ | | --- | | | 6917510 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.96 | 13.4 | Pn | 04:47:24.051 | -0.4 | T__ | | --- | | | 6917492 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.96 | 13.4 | Sn | 04:47:37.866 | -1.1 | T__ | | --- | | | 6917513 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| BEHE | 0.98 | 186.9 | Pg | 04:47:24.347 | -0.3 | T__ | 1267.4 | --- | ML | 3.1 | 6917512 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.98 | 186.9 | Sn | 04:47:37.518 | -1.2 | T__ | | --- | | | 6917540 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.99 | 259.2 | Pg | 04:47:23.500 | -0.8 | T__ | 523.5 | --- | ML | 2.8 | 6917491 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.99 | 259.2 | Lg | 04:47:36.464 | -0.2 | T__ | | --- | | | 6917511 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.99 | 78.1 | Pn | 04:47:24.683 | 0.0 | T__ | 1393.7 | --- | ML | 3.2 | 6917493 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.99 | 78.1 | Sn | 04:47:39.038 | -0.5 | T__ | | --- | | | 6917541 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=0) | | | | | | | | | | | | | | | | | | | |
| SR0 | 1.00 | 67.7 | Pn | 04:47:24.768 | 0.1 | T__ | 3983.5 | --- | ML | 3.7 | 6917494 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SR0 | 1.00 | 67.7 | Sn | 04:47:39.442 | -0.2 | T__ | | --- | | | 6917514 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A005B | 1.05 | 332.1 | Pg | 04:47:26.043 | 0.4 | T__ | 1602.1 | --- | ML | 3.3 | 6917495 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A005B | 1.05 | 332.1 | Sn | 04:47:40.682 | -0.0 | T__ | | --- | | | 6917515 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KOGS | 1.10 | 205.8 | Pn | 04:47:25.257 | -1.1 | T__ | 396.9 | --- | ML | 2.7 | 6917496 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 1.10 | 205.8 | Sn | 04:47:40.616 | -0.9 | T__ | | --- | | | 6917542 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A338A | 1.11 | 58.4 | Pn | 04:47:26.582 | 0.3 | T__ | 764.3 | --- | ML | 3.0 | 6917497 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A338A | 1.11 | 58.4 | Sn | 04:47:43.022 | 0.6 | T__ | | --- | | | 6917516 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A267A | 1.16 | 114.8 | Pn | 04:47:27.337 | 0.5 | T__ | 347.1 | --- | ML | 2.7 | 6917544 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A267A | 1.16 | 114.8 | Sn | 04:47:43.782 | 0.5 | T__ | | --- | | | 6917517 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |

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(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A265A 1.17 149.9 Lg 04:47:44.332 0.3 T__ --- 6917543 FDSN Z3 00 BUD iLoc HHE ??? _
A008A 1.27 317.3 Pg 04:47:29.207 -0.3 T__ 457.9 --- ML 2.9 6917519 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 1.27 317.3 Lg 04:47:46.058 -0.8 T__ --- 6917518 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
A266A 1.29 135.0 Pn 04:47:28.652 0.1 T__ 346.9 --- ML 2.8 6917545 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
A264A 1.31 169.4 Pn 04:47:28.906 -0.1 T__ 256.7 --- ML 2.6 6917546 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 1.31 169.4 Lg 04:47:48.123 0.4 T__ --- 6917547 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A271A 1.32 102.0 Sn 04:47:48.170 0.8 T__ --- 6917548 FDSN Z3 00 BUD iLoc HHE ??? _
BUD 1.41 87.6 Sn 04:47:50.733 0.9 T__ --- 6917549 FDSN HU -- BUD iLoc HHE ??? _
BUD 1.41 87.6 Lg 04:47:52.688 -0.7 T__ --- 6917550 FDSN HU -- BUD iLoc HHE ??? _
HU10A 1.46 73.2 Pn 04:47:31.570 0.5 T__ 326.4 --- ML 2.8 6917552 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 1.46 73.2 Pg 04:47:33.782 -0.2 T__ --- 6917553 FDSN ZJ 00 BUD iLoc HHZ ??? _
HU10A 1.46 73.2 Lg 04:47:54.002 -1.1 T__ --- 6917551 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
JAVC 1.50 18.7 Pn 04:47:32.416 0.3 T__ 184.9 --- ML 2.6 6917520 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A272A 1.55 116.1 Lg 04:47:57.175 -0.1 T__ --- 6917521 FDSN Z3 00 BUD iLoc HHE ??? _
KOVH 1.57 149.2 Pg 04:47:35.562 -0.0 T__ 75.1 --- ML 2.2 6917522 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.57 149.2 Lg 04:47:55.011 -1.3 T__ --- 6917554 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
VYHS 1.65 49.7 Pn 04:47:33.857 -0.1 T__ 57.6 --- ML 2.2 6917526 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
KRUC 1.66 347.4 Pn 04:47:34.768 0.6 T__ 117.6 --- ML 2.5 6917524 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.66 347.4 Sn 04:47:57.287 1.4 T__ --- 6917525 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
PTJ 1.68 204.0 Pn 04:47:34.355 -0.4 T__ 111.7 --- ML 2.5 6917523 FDSN CR -- BUD iLoc BHZ BHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
MORH 1.69 135.9 Pn 04:47:34.835 0.7 T__ 48.4 --- ML 2.1 6917555 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.69 135.9 Sn 04:47:58.263 2.2 T__ --- 6917527 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU01A 1.82 92.1 Lg 04:48:06.678 -0.2 T__ --- 6917556 FDSN ZJ 00 BUD iLoc HHE ??? _
HU03A 1.85 74.6 Pn 04:47:38.116 1.6 T__ 151.5 --- ML 2.7 6917530 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.85 74.6 Pg 04:47:41.377 -0.3 T__ --- 6917531 FDSN ZJ 00 BUD iLoc HHZ ??? _
HU03A 1.85 74.6 Lg 04:48:08.189 0.2 T__ --- 6917557 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
VRAC 1.88 353.0 Pn 04:47:37.336 0.1 T__ 26.8 --- ML 2.0 6917558 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0

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|-------|----------------------------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| OBKA | 1.89 | 241.2 | Pn | 04:47:37.319 | -0.6 | T__ | 224.1 | --- | ML | 2.9 | 6917528 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| OBKA | 1.89 | 241.2 | Lg | 04:48:06.782 | 0.7 | T__ | | --- | | | 6917529 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A331A | 1.91 | 26.0 | Pn | 04:47:38.416 | 0.8 | T__ | 72.6 | --- | ML | 2.4 | 6917533 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| | (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CRES | 1.92 | 212.9 | Pn | 04:47:36.637 | -1.3 | T__ | 82.8 | --- | ML | 2.5 | 6917560 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ | |
| CRES | 1.92 | 212.9 | Pg | 04:47:41.517 | 0.8 | T__ | 82.4 | --- | ML | 2.5 | 6917532 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ | |
| CRES | 1.92 | 212.9 | Lg | 04:48:07.714 | 0.6 | T__ | | --- | | | 6917559 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ET1H | 2.03 | 76.5 | Pn | 04:47:39.714 | 0.8 | T__ | 56.5 | --- | ML | 2.4 | 6917561 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ET1H | 2.03 | 76.5 | Pg | 04:47:44.457 | -0.8 | T__ | 56.6 | --- | ML | 2.4 | 6917534 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| | (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PSZ | 2.05 | 75.5 | Pn | 04:47:39.933 | 0.5 | T__ | 113.5 | --- | ML | 2.7 | 6917562 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 2.05 | 75.5 | Pg | 04:47:45.034 | -0.8 | T__ | 113.5 | --- | ML | 2.7 | 6917535 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 2.05 | 75.5 | Sn | 04:48:08.437 | 2.4 | T__ | | --- | | | 6917563 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 2.05 | 75.5 | Lg | 04:48:14.611 | -0.5 | T__ | | --- | | | 6917564 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| | (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TREC | 2.09 | 332.9 | Pn | 04:47:40.903 | 0.6 | T__ | 175.4 | --- | ML | 2.9 | 6917565 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| TREC | 2.09 | 332.9 | Pg | 04:47:44.970 | -0.1 | T__ | 174.6 | --- | ML | 2.9 | 6917536 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| | (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CKRC | 2.24 | 308.9 | Pg | 04:47:47.496 | 0.2 | T__ | 272.7 | --- | ML | 3.2 | 6917537 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CKRC | 2.24 | 308.9 | Lg | 04:48:15.891 | -1.1 | T__ | | --- | | | 6917566 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| | (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.2 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU23A | 2.25 | 83.8 | Lg | 04:48:21.343 | 0.3 | T__ | | --- | | | 6917567 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORC | 2.37 | 9.4 | Pn | 04:47:44.238 | 0.1 | T__ | 44.7 | --- | ML | 2.5 | 6917568 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORC | 2.37 | 9.4 | Sn | 04:48:13.566 | -0.6 | T__ | | --- | | | 6917569 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| | (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 2.51 | 73.0 | Pn | 04:47:46.558 | 0.8 | T__ | 32.4 | --- | ML | 2.4 | 6917576 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 2.51 | 73.0 | Pg | 04:47:52.423 | -2.2 | T__ | | --- | | | 6917575 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ | |
| HU02A | 2.51 | 73.0 | Sn | 04:48:19.487 | 2.6 | T__ | | --- | | | 6917570 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JOS | 2.63 | 65.1 | Pn | 04:47:47.461 | 0.0 | T__ | 44.7 | --- | ML | 2.6 | 6917571 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 2.63 | 65.1 | Sn | 04:48:19.361 | -0.5 | T__ | | --- | | | 6917572 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PRU | 3.00 | 328.9 | Pg | 04:48:02.250 | 0.3 | T__ | 79.0 | --- | ML | 3.1 | 6917574 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PRU | 3.00 | 328.9 | Lg | 04:48:42.382 | 1.8 | T__ | | --- | | | 6917573 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| | (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/18 | 10:45:57.76 | 0.95 | 0.37 | 47.4168 | 16.9237 | 6.6 | 3.1 | 14 | 14.1 | 12.4 | 18 | 9 | 107 | 0.20 | 0.99 | ke | BUD | 17002696 | BUD | | | 140 |

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 6 BUD 17002696

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| A260A | 0.20 | 228.1 | Pg | 10:46:02.542 | -0.1 | | | | | T__ | | 723.8 | | _d | ML | 1.7 6917881 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.20 | 228.1 | Lg | 10:46:05.573 | -0.4 | | | | | T__ | | | | --- | | 6917882 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.28 | 89.8 | Pg | 10:46:04.329 | 0.3 | | | | | T__ | | 247.9 | | --- | ML | 1.5 6917873 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.28 | 89.8 | Lg | 10:46:07.881 | -0.7 | | | | | T__ | | | | --- | | 6917884 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| EGYH | 0.28 | 89.8 | Sg | 10:46:09.086 | 0.5 | | | | | T__ | | | | --- | | 6917874 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.36 | 317.3 | Pg | 10:46:05.547 | 0.1 | | | | | T__ | | 40.4 | | --- | ML | 0.9 6917885 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.36 | 317.3 | Lg | 10:46:10.741 | 0.0 | | | | | T__ | | | | --- | | 6917886 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.49 | 120.3 | Lg | 10:46:14.534 | -0.6 | | | | | T__ | | | | --- | | 6917889 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| MPLH | 0.49 | 120.3 | Sg | 10:46:15.148 | -0.0 | | | | | T__ | | | | --- | | 6917875 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| RONA | 0.51 | 303.9 | Pg | 10:46:08.029 | -0.2 | | | | | T__ | | 29.7 | | --- | ML | 1.2 6917887 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.51 | 303.9 | Lg | 10:46:15.056 | -0.3 | | | | | T__ | | | | --- | | 6917888 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.68 | 88.4 | Lg | 10:46:21.812 | -0.0 | | | | | T__ | | | | --- | | 6917883 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| CONA | 0.88 | 305.9 | Pg | 10:46:14.937 | -0.2 | | | | | T__ | | 25.9 | | --- | ML | 1.4 6917877 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.88 | 305.9 | Lg | 10:46:26.945 | 0.1 | | | | | T__ | | | | --- | | 6917876 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.97 | 260.6 | Pg | 10:46:16.548 | 0.3 | | | | | T__ | | 29.3 | | --- | ML | 1.5 6917878 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.97 | 260.6 | Lg | 10:46:28.863 | 0.2 | | | | | T__ | | | | --- | | 6917879 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.99 | 13.8 | Pn | 10:46:16.778 | 0.4 | | | | | T__ | | | | --- | | 6917880 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.99 | 13.8 | Sn | 10:46:30.376 | -0.2 | | | | | T__ | | | | --- | | 6917890 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/18 | 18:11:06.46 | 1.24 | 0.86 | 47.4699 | 18.2947 | 6.7 | 3.3 | 117 | 10.5 | 8.9 | 13 | 8 | 149 | 0.08 | 1.28 | ke | BUD | 17002698 | BUD | | | 172 |

Magnitude Err Nsta Author OrigID
ML 1.2 0.0 5 BUD 17002698

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| MSW1 | 0.08 | 197.5 | Pg | 18:11:09.652 | 0.5 | | | | | T__ | | 2637.7 | | _c | ML | 1.9 6917950 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 197.5 | Lg | 18:11:11.053 | -0.6 | | | | | T__ | | | | --- | | 6917951 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.11 | 192.3 | Pg | 18:11:10.129 | 0.5 | | | | | T__ | | 1306.9 | | _c | ML | 1.7 6917944 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.11 | 192.3 | Lg | 18:11:11.982 | -0.4 | | | | | T__ | | | | --- | | 6917948 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.14 | 232.9 | Pg | 18:11:10.559 | 0.5 | | | | | T__ | | 219.3 | | _d | ML | 1.0 6917953 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.14 | 232.9 | Lg | 18:11:12.618 | -0.5 | | | | | T__ | | | | --- | | 6917952 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

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(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
MSW2 0.18 198.8 Pg 18:11:11.112 0.4 T__ 267.6 ___ ML 1.2 6917954 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.18 198.8 Lg 18:11:13.089 -1.2 T__ ___ 6917955 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU09A 0.18 19.4 Pg 18:11:11.031 0.4 T__ 269.6 _c_ ML 1.2 6917946 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.18 19.4 Lg 18:11:13.888 -0.3 T__ ___ 6917943 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU08A 0.25 261.4 Lg 18:11:16.160 -0.4 T__ ___ 6917949 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 1.09 19.3 Lg 18:11:43.121 -0.7 T__ ___ 6917945 FDSN SK -- BUD iLoc HHE ??? _
MORH 1.28 169.1 Sn 18:11:48.108 1.7 T__ ___ 6917947 FDSN HU -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/20 08:56:49.33 0.94 0.73 48.4900 20.7303 4.7 3.5 23 0.0f 14 7 136 0.13 0.97 sx BUD 17002700 BUD 217

```

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Magnitude Err Nsta Author OrigID
ML 1.3 0.2 7 BUD 17002700

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.13 272.7 Pg 08:56:51.688 -0.4 T__ 343.0 ___ ML 1.2 6918001 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.13 272.7 Lg 08:56:54.834 0.5 T__ ___ 6918002 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.16 267.7 Pg 08:56:52.260 -0.6 T__ 789.2 ___ ML 1.7 6917994 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.16 267.7 Lg 08:56:55.406 -0.2 T__ ___ 6917995 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ABAH 0.39 119.6 Pg 08:56:57.401 -0.0 T__ 47.6 ___ ML 1.1 6917996 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 119.6 Lg 08:57:02.852 -1.4 T__ ___ 6918003 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.39 200.5 Pg 08:56:57.711 -0.1 T__ 35.0 ___ ML 0.9 6918004 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.39 200.5 Lg 08:57:05.534 1.2 T__ ___ 6917997 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
PSZ 0.80 224.7 Pg 08:57:05.994 -0.3 T__ 44.4 ___ ML 1.6 6917999 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.80 224.7 Lg 08:57:18.773 0.4 T__ ___ 6918005 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.84 223.6 Pn 08:57:06.915 -0.3 T__ 26.6 ___ ML 1.4 6918000 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.84 223.6 Lg 08:57:19.924 0.6 T__ ___ 6918006 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
NIE 0.97 343.2 Pg 08:57:08.530 0.9 T__ 17.0 ___ ML 1.3 6918007 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.97 343.2 Lg 08:57:21.109 -0.4 T__ ___ 6917998 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/20 | 08:57:53.33 | 0.92 | 0.90 | 47.1025 | 18.0574 | 5.3 | 3.5 | 114 | 0.0f | 12 | 8 | 127 | 0.23 | 1.01 | sx | BUD | 17002702 | BUD | | | | 160 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.2 | 4 BUD | 17002702 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.23 | 27.6 | Lg | 08:58:02.545 | -0.4 | | | | | T__ | | | | | | 6918068 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| TIH | 0.23 | 209.1 | Lg | 08:58:01.445 | -1.2 | | | | | T__ | | | | | | 6918060 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| MSW3 | 0.28 | 9.4 | Pg | 08:58:00.049 | 0.5 | | | | | T__ | 285.5 | | | --- | ML | 1.5 | 6918069 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.28 | 9.4 | Lg | 08:58:03.816 | -1.1 | | | | | T__ | | | | --- | | 6918070 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.30 | 27.9 | Lg | 08:58:04.514 | -0.9 | | | | | T__ | | | | --- | | 6918061 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.32 | 25.2 | Pg | 08:58:00.866 | 0.6 | | | | | T__ | 101.1 | | | --- | ML | 1.2 | 6918072 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.32 | 25.2 | Lg | 08:58:05.677 | -0.6 | | | | | T__ | | | | --- | | 6918071 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.36 | 281.0 | Pg | 08:58:01.982 | 0.9 | | | | | T__ | 108.6 | | | --- | ML | 1.3 | 6918063 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.36 | 281.0 | Lg | 08:58:05.895 | -1.2 | | | | | T__ | | | | --- | | 6918062 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.98 | 155.3 | Pg | 08:58:13.260 | 0.5 | | | | | T__ | 25.4 | | | --- | ML | 1.4 | 6918066 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.98 | 155.3 | Lg | 08:58:26.994 | -0.1 | | | | | T__ | | | | --- | | 6918065 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.01 | 178.3 | Lg | 08:58:28.069 | -0.7 | | | | | T__ | | | | --- | | 6918067 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/20 | 09:59:38.87 | 0.82 | 0.96 | 48.4349 | 17.2976 | 4.2 | 3.2 | 120 | 0.0f | 26 | 17 | 62 | 0.06 | 2.02 | sx | BUD | 17002704 | BUD | | | | 108 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.2 | 9 BUD | 17002704 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.06 | 192.4 | Pg | 09:59:40.383 | -0.4 | | | | | T__ | | | | --- | | 6918123 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.06 | 192.4 | Lg | 09:59:41.764 | -0.9 | | | | | T__ | | | | --- | | 6918124 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.49 | 30.1 | Pg | 09:59:49.514 | 0.3 | | | | | T__ | 275.5 | | | --- | ML | 2.1 | 6918126 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.49 | 30.1 | Lg | 09:59:56.035 | -1.2 | | | | | T__ | | | | --- | | 6918125 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.87 | 316.8 | Pg | 09:59:56.189 | 0.7 | | | | | T__ | 86.9 | | | --- | ML | 1.9 | 6918127 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.87 | 316.8 | Lg | 10:00:07.468 | -0.8 | | | | | T__ | | | | --- | | 6918128 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.90 | 213.7 | Lg | 10:00:10.230 | 1.5 | | | | | T__ | | | | --- | | 6918129 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| A331A | 0.94 | 40.1 | Pg | 09:59:58.951 | 1.6 | | | | | T__ | 119.4 | | | --- | ML | 2.1 | 6918130 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 0.99 | 332.3 | Pg | 09:59:58.260 | 0.6 | | | | | T__ | 19.3 | | | --- | ML | 1.3 | 6918131 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 0.99 | 332.3 | Lg | 10:00:11.457 | -0.7 | | | | | T__ | | | | --- | | 6918132 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.3 magdef=1
RONA 1.00 222.8 Pg 09:59:58.030 -0.6 T__ 85.1 --- ML 2.0 6918133 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 1.00 222.8 Lg 10:00:12.762 1.1 T__ --- 6918134 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 1.03 86.1 Pg 09:59:59.641 0.1 T__ 16.8 --- ML 1.3 6918136 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.03 86.1 Lg 10:00:13.759 -0.6 T__ --- 6918135 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
CONA 1.09 242.7 Pg 09:59:59.488 -0.8 T__ 72.8 --- ML 2.0 6918137 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.09 242.7 Lg 10:00:14.910 0.5 T__ --- 6918138 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU08A 1.09 157.0 Sn 10:00:16.138 -1.2 T__ --- 6918139 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 1.25 148.5 Sn 10:00:20.664 -0.9 T__ --- 6918140 FDSN HU -- BUD iLoc HHN ??? _
MPLH 1.28 172.6 Sn 10:00:20.818 -1.0 T__ --- 6918141 FDSN HU -- BUD iLoc HHN ??? _
MORC 1.35 6.7 Pg 10:00:04.398 0.4 T__ 36.9 --- ML 1.8 6918143 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.35 6.7 Lg 10:00:22.352 -0.5 T__ --- 6918142 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TREC 1.47 306.4 Lg 10:00:24.731 -1.9 T__ --- 6918144 FDSN CZ -- BUD iLoc HHN ??? _
TIH 1.59 165.1 Sn 10:00:29.411 -0.0 T__ --- 6918145 FDSN HU -- BUD iLoc HHE ??? _
ARSA 1.68 225.9 Pn 10:00:10.000 0.8 T__ 48.5 --- ML 2.1 6918147 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.68 225.9 Sn 10:00:32.173 0.7 T__ --- 6918146 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
CKRC 2.02 282.1 Sn 10:00:40.230 0.3 T__ --- 6918148 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/20 10:28:33.53 1.35 1.12 47.2283 18.2738 12.8 6.5 80 0.0f 8 6 164 0.09 1.32 kx BUD 17002706 BUD 272
2021/09/20 10:28:33.53 1.00 0.95 47.2302 18.2835f 0.0f 8 6 159 0.09 1.32 kx BUD_GT 17002707 BUD_GT 268

```

(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.09 325.6 Pg 10:28:36.616 0.7 T__ 493.4 --- ML 1.2 6918198 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 325.6 Lg 10:28:37.291 -1.1 T__ --- 6918199 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.13 353.3 Pg 10:28:37.685 0.8 T__ 193.0 --- ML 1.0 6918194 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.13 353.3 Lg 10:28:39.241 -0.7 T__ --- 6918200 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.16 354.2 Lg 10:28:39.669 -1.3 T__ --- 6918201 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.05 166.2 Lg 10:29:08.375 -1.2 T__ --- 6918195 FDSN HU -- BUD iLoc HHE ??? _
PSZ 1.29 57.1 Sn 10:29:17.742 0.5 T__ --- 6918197 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.32 16.2 Sn 10:29:17.813 -0.2 T__ --- 6918196 FDSN SK -- BUD iLoc HHE ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/21 | 05:30:36.28 | 1.05 | 0.50 | 47.9388 | 16.0760 | 7.0 | 4.4 | 30 | 0.0f | 6 | 3 | 137 | 0.14 | 1.14 | sx | BUD | 17002708 | BUD | | | | 255 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.6 | 3 BUD | 17002708 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.14 | 265.9 | Pg | 05:30:39.207 | -0.2 | | | | | T__ | | 178.8 | | ___ | ML | 1.0 | 6918223 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.14 | 265.9 | Lg | 05:30:41.969 | 0.3 | | | | | T__ | | | | --- | | 6918222 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.28 | 148.1 | Pg | 05:30:41.892 | -0.3 | | | | | T__ | | 27.4 | | ___ | ML | 0.5 | 6918224 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.28 | 148.1 | Lg | 05:30:46.649 | 0.5 | | | | | T__ | | | | --- | | 6918225 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.14 | 10.6 | Pg | 05:30:58.661 | 0.4 | | | | | T__ | | 37.6 | | ___ | ML | 1.7 | 6918227 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.14 | 10.6 | Lg | 05:31:14.731 | -0.4 | | | | | T__ | | | | --- | | 6918226 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/21 | 08:04:06.65 | 0.91 | 0.90 | 47.1287 | 17.8646 | 4.3 | 3.4 | 118 | 0.0f | 12 | 8 | 105 | 0.23 | 1.06 | sx | BUD | 17002710 | BUD | | | | 192 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 4 BUD | 17002710 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MPLH | 0.23 | 280.7 | Pg | 08:04:12.066 | 0.3 | | | | | T__ | | 275.0 | | ___ | ML | 1.4 | 6918274 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.23 | 280.7 | Lg | 08:04:15.749 | -0.2 | | | | | T__ | | | | --- | | 6918273 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIH | 0.23 | 175.1 | Pg | 08:04:11.913 | 0.1 | | | | | T__ | | 1505.4 | | ___ | ML | 2.1 | 6918275 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 0.23 | 175.1 | Lg | 08:04:16.286 | 0.4 | | | | | T__ | | | | --- | | 6918276 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.29 | 53.5 | Pg | 08:04:13.928 | 0.9 | | | | | T__ | | 319.1 | | ___ | ML | 1.6 | 6918281 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.29 | 53.5 | Lg | 08:04:17.126 | -1.4 | | | | | T__ | | | | --- | | 6918282 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.31 | 7.6 | Lg | 08:04:18.223 | -0.6 | | | | | T__ | | | | --- | | 6918283 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| MSW3 | 0.31 | 34.9 | Lg | 08:04:18.451 | -0.6 | | | | | T__ | | | | --- | | 6918284 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| CSKK | 0.36 | 48.9 | Pg | 08:04:15.135 | 0.9 | | | | | T__ | | 151.0 | | ___ | ML | 1.5 | 6918277 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.36 | 48.9 | Lg | 08:04:19.585 | -1.2 | | | | | T__ | | | | --- | | 6918278 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.05 | 171.1 | Lg | 08:04:42.680 | -0.5 | | | | | T__ | | | | --- | | 6918280 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.06 | 149.3 | Lg | 08:04:42.296 | -0.9 | | | | | T__ | | | | --- | | 6918279 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/21 | 08:29:03.44 | 1.64 | 1.09 | 47.3680 | 18.3936 | 11.3 | 5.9 | 126 | 0.0f | 11 | 8 | 109 | 0.09 | 1.30 | sx | BUD | 17002714 | BUD | | | | 146 |

Magnitude Err Nsta Author OrigID
 ML 0.9 0.0 3 BUD 17002714

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 267.0 | Pg | 08:29:06.150 | 0.2 | | | | | T__ | | 967.7 | | --- | ML | 1.5 | 6918425 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 267.0 | Lg | 08:29:07.647 | -0.7 | | | | | T__ | | | | --- | | 6918426 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.14 | 242.2 | Pg | 08:29:07.406 | 0.6 | | | | | T__ | | 167.4 | | --- | ML | 0.9 | 6918432 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.14 | 242.2 | Lg | 08:29:09.063 | -1.0 | | | | | T__ | | | | --- | | 6918433 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.18 | 274.9 | Pg | 08:29:08.755 | 1.1 | | | | | T__ | | 137.4 | | --- | ML | 0.9 | 6918434 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.18 | 274.9 | Lg | 08:29:10.625 | -0.8 | | | | | T__ | | | | --- | | 6918435 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.12 | 62.4 | Sn | 08:29:41.176 | -1.5 | | | | | T__ | | | | --- | | 6918427 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.15 | 61.0 | Sn | 08:29:42.864 | -1.1 | | | | | T__ | | | | --- | | 6918428 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| VVHS | 1.17 | 14.6 | Lg | 08:29:43.017 | -1.0 | | | | | T__ | | | | --- | | 6918429 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.17 | 171.4 | Sn | 08:29:42.404 | -0.9 | | | | | T__ | | | | --- | | 6918430 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.30 | 189.1 | Sn | 08:29:47.391 | 0.8 | | | | | T__ | | | | --- | | 6918431 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/09/21 09:44:51.60 4.06 0.79 46.9390 22.6650 30.4 19.8 31 0.0f 6 3 301 0.15 1.55 sx BUD 17002716 BUD 350

Magnitude Err Nsta Author OrigID
 ML 1.4 0.4 3 BUD 17002716

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.15 | 167.9 | Pg | 09:44:55.102 | 0.1 | | | | | T__ | | 260.5 | | --- | ML | 1.1 | 6918458 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.15 | 167.9 | Lg | 09:44:57.672 | -0.2 | | | | | T__ | | | | --- | | 6918459 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.97 | 226.3 | Pn | 09:45:10.332 | -1.0 | | | | | T__ | | 24.1 | | --- | ML | 1.4 | 6918461 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.97 | 226.3 | Lg | 09:45:25.447 | 0.4 | | | | | T__ | | | | --- | | 6918460 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.55 | 177.1 | Pn | 09:45:19.693 | -0.3 | | | | | T__ | | 25.6 | | --- | ML | 1.8 | 6918462 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.55 | 177.1 | Sn | 09:45:40.792 | -0.7 | | | | | T__ | | | | --- | | 6918463 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/09/22 07:10:11.93 1.35 0.96 47.9968 20.3912 12.6 3.8 144 0.0f 8 5 195 0.15 0.64 kx BUD 17002722 BUD 305
 2021/09/22 07:10:11.64 0.95 0.81 47.9767 20.3679f 0.0f 8 5 198 0.18 0.67 kx BUD_GT 17002723 BUD_GT 307

(locality : Eger-III. Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

ML 1.2 0.2 3 BUD_GT 17002723

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.18 | 35.8 | Pg | 07:10:15.649 | -0.2 | | | | | T__ | | 239.9 | | --- | ML | 1.2 | 6918695 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.18 | 35.8 | Lg | 07:10:18.795 | -0.6 | | | | | T__ | | | | --- | | 6918694 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.32 | 259.8 | Pg | 07:10:20.406 | 1.4 | | | | | T__ | | 67.2 | | --- | ML | 1.0 | 6918696 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.32 | 259.8 | Lg | 07:10:23.629 | -0.9 | | | | | T__ | | | | --- | | 6918697 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.51 | 8.8 | Lg | 07:10:29.902 | -0.1 | | | | | T__ | | | | --- | | 6918699 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.53 | 12.4 | Pg | 07:10:22.478 | 0.1 | | | | | T__ | | 56.6 | | --- | ML | 1.5 | 6918698 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 12.4 | Lg | 07:10:29.596 | -1.0 | | | | | T__ | | | | --- | | 6918700 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.67 | 61.0 | Lg | 07:10:35.849 | -0.4 | | | | | T__ | | | | --- | | 6918701 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/22 | 07:15:59.48 | 0.98 | 0.67 | 47.0921 | 18.0480 | 6.6 | 3.1 | 122 | 0.0f | | 11 | 7 | 180 | 0.22 | 0.36 | sx | BUD | 17002724 | BUD | | | 254 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.1 | 4 BUD | 17002724 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TIH | 0.22 | 208.9 | Pg | 07:16:04.724 | 0.3 | | | | | T__ | | 835.3 | | --- | ML | 1.8 | 6918745 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 0.22 | 208.9 | Lg | 07:16:07.851 | -0.5 | | | | | T__ | | | | --- | | 6918746 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.24 | 27.8 | Pg | 07:16:05.348 | 0.5 | | | | | T__ | | 132.0 | | --- | ML | 1.1 | 6918752 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.24 | 27.8 | Lg | 07:16:08.834 | -0.7 | | | | | T__ | | | | --- | | 6918753 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.30 | 10.3 | Lg | 07:16:10.925 | -0.5 | | | | | T__ | | | | --- | | 6918754 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.31 | 28.0 | Pg | 07:16:06.807 | 0.6 | | | | | T__ | | 127.9 | | --- | ML | 1.3 | 6918751 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.31 | 28.0 | Lg | 07:16:11.082 | -0.9 | | | | | T__ | | | | --- | | 6918747 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.33 | 25.5 | Lg | 07:16:11.869 | -1.0 | | | | | T__ | | | | --- | | 6918755 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.35 | 346.1 | Lg | 07:16:12.958 | -0.2 | | | | | T__ | | | | --- | | 6918750 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.36 | 282.9 | Pg | 07:16:07.278 | 0.1 | | | | | T__ | | 77.3 | | --- | ML | 1.2 | 6918748 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.36 | 282.9 | Lg | 07:16:13.219 | 0.1 | | | | | T__ | | | | --- | | 6918749 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/22 | 09:05:00.99 | 4.47 | 1.24 | 46.8130 | 22.7569 | 33.4 | 11.2 | 3 | 0.0f | | 6 | 4 | 303 | 0.04 | 1.43 | sx | BUD | 17002726 | BUD | | | 338 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.04 | 235.8 | Pg | 09:05:02.213 | 0.0 | | | | | T__ | | 488.0 | | --- | ML | 1.1 | 6918779 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.04 | 235.8 | Lg | 09:05:03.464 | 0.1 | | | | | T__ | | | | --- | | 6918780 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.93 | 234.6 | Lg | 09:05:32.960 | -0.4 | | | | | T__ | | | | --- | | 6918781 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.42 | 179.4 | Pg | 09:05:28.009 | 0.1 | | | | | T__ | | 75.7 | | --- | ML | 2.2 | 6918783 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.42 | 179.4 | Sn | 09:05:45.728 | -2.0 | | | | | T__ | | | | --- | | 6918782 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.43 | 213.9 | Sn | 09:05:48.125 | 0.6 | | | | | T__ | | | | --- | | 6918784 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/22 | 09:39:26.29 | 3.81 | 0.19 | 48.8069 | 21.0288 | 22.5 | 11.8 | 19 | 0.0f | | 7 | 4 | 296 | 0.45 | 0.76 | sx | BUD | 17002728 | BUD | | | 338 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 3 BUD | 17002728 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.45 | 226.4 | Pg | 09:39:35.310 | -0.0 | | | | | T__ | | 49.4 | | --- | ML | 1.2 | 6918805 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.45 | 226.4 | Lg | 09:39:42.346 | 0.2 | | | | | T__ | | | | --- | | 6918806 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.48 | 228.2 | Pg | 09:39:35.988 | -0.0 | | | | | T__ | | 128.2 | | --- | ML | 1.8 | 6918808 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.48 | 228.2 | Lg | 09:39:43.440 | 0.1 | | | | | T__ | | | | --- | | 6918807 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.53 | 164.6 | Lg | 09:39:46.098 | 0.2 | | | | | T__ | | | | --- | | 6918809 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.76 | 206.3 | Pg | 09:39:41.981 | -0.1 | | | | | T__ | | 56.2 | | --- | ML | 1.7 | 6918811 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.76 | 206.3 | Lg | 09:39:53.602 | -0.3 | | | | | T__ | | | | --- | | 6918810 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/09/22 | 09:57:49.30 | 2.62 | 1.31 | 47.8391 | 20.1846 | 23.4 | 4.1 | 160 | 0.0f | | 8 | 4 | 242 | 0.21 | 0.70 | kx | BUD | 17002730 | BUD | | | 261 |
| 2021/09/22 | 09:57:49.68 | 0.95 | 1.02 | 47.8650 | 20.1529f | | | | 0.0f | | 8 | 4 | 230 | 0.18 | 0.68 | kx | BUD_GT | 17002731 | BUD_GT | | | 252 |

(locality : Kisnána Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.4 | 0.1 | 4 BUD_GT | 17002731 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 09:57:54.829 | 0.7 | | | | | T__ | | 427.2 | | --- | ML | 1.4 | 6918837 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 09:57:57.323 | -0.5 | | | | | T__ | | | | --- | | 6918842 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 09:57:54.985 | 0.8 | | | | | T__ | | 312.5 | | --- | ML | 1.3 | 6918836 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 09:57:57.011 | -0.6 | | | | | T__ | | | | --- | | 6918841 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 1.3 magdef=1
 HU02A 0.36 44.0 Pg 09:57:57.539 0.0 T__ 90.1 --- ML 1.3 6918838 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU02A 0.36 44.0 Lg 09:58:01.545 -2.1 T__ --- 6918843 FDSN ZJ 00 BUD iLoc HHN ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 JJS 0.68 22.1 Pn 09:58:04.522 -0.8 T__ 65.1 --- ML 1.7 6918840 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JJS 0.68 22.1 Lg 09:58:14.371 0.6 T__ --- 6918839 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/22 | 14:32:02.71 | 2.69 | 1.76 | 46.9422 | 22.4949 | 25.5 | 10.7 | 16 | 0.0f | 7 | 4 | 226 | 0.21 | 1.74 | sx | BUD | 17002736 | BUD | | | | 322 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | 0.0 | 3 BUD | 17002736 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.21 | 135.4 | Pg | 14:32:07.706 | 0.5 | | | | | T__ | | 350.2 | | _c_ | ML | 1.4 | 6919123 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.21 | 135.4 | Lg | 14:32:09.544 | -1.5 | | | | | T__ | | | | --- | | 6919124 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU24A | 0.92 | 268.5 | Lg | 14:32:33.000 | -2.0 | | | | | T__ | | | | --- | | 6919125 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.56 | 172.7 | Pg | 14:32:33.299 | 1.0 | | | | | T__ | | 81.6 | | --- | ML | 2.3 | 6919127 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.56 | 172.7 | Lg | 14:32:53.960 | -0.3 | | | | | T__ | | | | --- | | 6919126 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.74 | 148.9 | Pn | 14:32:33.963 | 0.0 | | | | | T__ | | 60.7 | | --- | ML | 2.2 | 6919128 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.74 | 148.9 | Sn | 14:32:55.554 | -2.1 | | | | | T__ | | | | --- | | 6919129 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/09/23 | 07:37:28.28 | 1.09 | 0.97 | 47.3593 | 18.3925 | 7.2 | 2.9 | 139 | 0.0f | 19 | 11 | 110 | 0.09 | 1.17 | sx | BUD | 17002742 | BUD | | | | | 184 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 8 BUD | 17002742 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 272.5 | Pg | 07:37:31.198 | 0.5 | | | | | T__ | | 1562.7 | | --- | ML | 1.7 | 6919539 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 272.5 | Lg | 07:37:31.718 | -1.4 | | | | | T__ | | | | --- | | 6919540 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.10 | 290.4 | Pg | 07:37:31.407 | 0.5 | | | | | T__ | | 858.0 | | --- | ML | 1.5 | 6919552 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.10 | 290.4 | Lg | 07:37:32.985 | -0.4 | | | | | T__ | | | | --- | | 6919553 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.14 | 245.3 | Pg | 07:37:32.149 | 0.5 | | | | | T__ | | 294.9 | | --- | ML | 1.1 | 6919555 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.14 | 245.3 | Lg | 07:37:34.052 | -0.7 | | | | | T__ | | | | --- | | 6919554 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

```

MSW3  0.18 277.6 Pg      07:37:33.356  0.9      T__      216.9      ___ ML      1.1 6919556  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
MSW3  0.18 277.6 Lg      07:37:35.444 -0.8      T__      ___          ___          6919557  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU09A  0.28 358.6 Pg      07:37:35.315  1.0      T__      221.4      ___ ML      1.4 6919542  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU09A  0.28 358.6 Lg      07:37:39.071 -0.5      T__      ___          ___          6919541  FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A  0.33 282.9 Lg      07:37:40.261 -0.9      T__      ___          ___          6919543  FDSN ZJ      00 BUD  iLoc  HHN ???  _
MPLH  0.61 252.3 Pg      07:37:41.744  0.9      T__      75.2       ___ ML      1.7 6919545  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
MPLH  0.61 252.3 Lg      07:37:49.577 -0.6      T__      ___          ___          6919544  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU10A  0.64 40.8 Pg       07:37:42.358  0.6      T__      101.6      ___ ML      1.9 6919547  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU10A  0.64 40.8 Lg      07:37:50.751 -1.6      T__      ___          ___          6919546  FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
MORH  1.16 171.3 Sn      07:38:07.409 -0.6      T__      ___          ___          6919549  FDSN HU      -- BUD  iLoc  HHN ???  _
PSZ   1.16 60.6 Sn      07:38:07.720 -1.2      T__      ___          ___          6919548  FDSN GE      -- BUD  iLoc  HHN ???  _
VYHS  1.17 14.6 Pn      07:37:51.964  0.9      T__      28.0       ___ ML      1.6 6919551  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
VYHS  1.17 14.6 Lg      07:38:07.790 -1.4      T__      ___          ___          6919550  FDSN SK      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/09/23 08:03:55.34  3.46  0.33 48.4767  20.7092  21.7  8.3  67  0.0f      6  4 279  0.11  0.78  sx BUD      17002744  BUD      304

```

Magnitude Err Nsta Author OrigID

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
JOS  0.11 279.7 Pg      08:03:57.795 -0.1      T__      60.4      ___ ML      0.4 6919589  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS  0.11 279.7 Lg      08:04:00.093  0.1      T__      ___          ___          6919590  FDSN ZJ      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
KECS  0.15 272.6 Pg      08:03:58.554 -0.0      T__      229.1      ___ ML      1.1 6919592  FDSN SK      -- BUD  iLoc  EHZ EHZ  _
KECS  0.15 272.6 Lg      08:04:01.292  0.1      T__      ___          ___          6919591  FDSN SK      -- BUD  iLoc  EHN ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A  0.38 199.2 Lg      08:04:10.010  0.3      T__      ___          ___          6919593  FDSN ZJ      00 BUD  iLoc  HHN ???  _
PSZ   0.78 224.6 Lg      08:04:23.295 -0.4      T__      ___          ___          6919594  FDSN GE      -- BUD  iLoc  HHN ???  _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/09/23 09:26:07.95  0.93  0.81 48.4171  20.7660  4.9  3.4  29  0.0f      12  7 127  0.17  1.05  sx BUD      17002746  BUD      225

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 5 BUD 17002746

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
JOS  0.17 297.7 Pg      09:26:11.993  0.4      T__      267.9      ___ ML      1.2 6919658  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS  0.17 297.7 Lg      09:26:14.191 -0.3      T__      ___          ___          6919660  FDSN ZJ      -- BUD  iLoc  HHN ???  _

```

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.20 289.6 Pg 09:26:12.567 0.4 T__ 687.6 ___ ML 1.7 6919659 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.20 289.6 Lg 09:26:15.215 -0.2 T__ ___ 6919661 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.34 208.7 Lg 09:26:20.816 -0.2 T__ ___ 6919664 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 0.34 110.8 Pg 09:26:15.549 0.5 T__ ___ ML 1.2 6919663 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.34 110.8 Lg 09:26:19.945 -1.1 T__ ___ 6919662 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.77 229.8 Lg 09:26:34.797 -1.1 T__ ___ 6919665 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.81 228.4 Pg 09:26:25.186 0.3 T__ ___ ML 1.8 6919667 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.81 228.4 Lg 09:26:36.216 -0.6 T__ ___ 6919666 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
NIE 1.05 343.1 Pg 09:26:28.331 0.6 T__ ___ ML 1.7 6919669 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.05 343.1 Lg 09:26:42.079 -1.3 T__ ___ 6919668 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/09/23 | 09:46:15.03 | 0.91 | 1.30 | 48.2188 | 21.2021 | 6.2 | 3.8 | 9 | 0.0f | 21 | 12 | 78 | 0.08 | 1.98 | kx | BUD | 17002748 | BUD | | | | 133 |
| 2021/09/23 | 09:46:14.86 | 0.86 | 1.14 | 48.2470 | 21.2460f | | | | 0.0f | 21 | 12 | 76 | 0.05 | 2.00 | kx | BUD_GT | 17002749 | BUD_GT | | | | 128 |

(locality : Tállya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 2.0 | 0.1 | 9 BUD_GT | 17002749 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 09:46:17.226 | 0.8 | | | | | T__ | | 13156.8 | | _c_ | ML | 2.6 | 6919716 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 09:46:17.586 | -0.4 | | | | | T__ | | | | --- | | 6919720 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 09:46:25.416 | -0.0 | | | | | T__ | | 163.8 | | --- | ML | 1.9 | 6919717 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 09:46:31.751 | -1.8 | | | | | T__ | | | | --- | | 6919721 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 0.52 | 120.5 | Pg | 09:46:26.875 | 1.4 | | | | | T__ | | 372.6 | | --- | ML | 2.3 | 6919719 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 09:46:26.376 | 0.8 | | | | | T__ | | 106.3 | | --- | ML | 1.8 | 6919718 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 09:46:33.220 | -0.5 | | | | | T__ | | | | --- | | 6919722 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 09:46:26.724 | 0.6 | | | | | T__ | | 193.2 | | --- | ML | 2.1 | 6919724 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 09:46:34.067 | -0.6 | | | | | T__ | | | | --- | | 6919723 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Pn | 09:46:32.941 | -0.3 | | | | | T__ | | 114.5 | | --- | ML | 2.0 | 6919725 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 09:46:44.451 | -1.9 | | | | | T__ | | | | --- | | 6919726 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.96 250.6 Pg 09:46:35.192 0.0 T__ 95.7 ___ ML 2.0 6919728 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.96 250.6 Lg 09:46:47.182 -2.4 T__ ___ 6919727 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOLS 0.97 44.4 Pn 09:46:34.890 0.1 T__ ___ 6919730 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.97 44.4 Lg 09:46:47.719 -1.4 T__ ___ 6919729 FDSN SK -- BUD iLoc HHN ??? _
ET1H 0.99 248.7 Pn 09:46:34.940 0.1 T__ 73.9 ___ ML 1.9 6919731 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.99 248.7 Lg 09:46:48.168 -2.0 T__ ___ 6919732 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.33 332.3 Pg 09:46:41.273 1.3 T__ 55.5 ___ ML 2.0 6919734 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.33 332.3 Lg 09:46:58.378 -1.1 T__ ___ 6919733 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 1.63 279.6 Sn 09:47:06.731 0.1 T__ ___ 6919735 FDSN SK -- BUD iLoc HHN ??? _
SIRR 2.00 171.8 Lg 09:47:21.382 -0.1 T__ ___ 6919736 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/23 10:00:28.29 1.01 1.01 48.1427 16.9321 22.3 3.7 139 0.0f 7 4 177 0.13 1.30 sx BUD 17002750 BUD 197

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ZST 0.13 64.8 Pg 10:00:31.868 0.4 T__ ___ 6919771 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.13 64.8 Lg 10:00:33.506 -0.6 T__ ___ 6919770 FDSN SK -- BUD iLoc HHN ??? _
MODS 0.33 44.8 Pg 10:00:35.894 0.5 T__ ___ 6919769 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.33 44.8 Lg 10:00:39.871 -1.2 T__ ___ 6919772 FDSN SK -- BUD iLoc HHN ??? _
RONA 0.62 224.2 Pg 10:00:40.590 -0.1 T__ 56.6 ___ ML 1.6 6919774 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.62 224.2 Lg 10:00:48.143 -0.8 T__ ___ 6919773 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
ARSA 1.30 227.4 Lg 10:01:10.917 1.1 T__ ___ 6919775 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/23 10:14:11.73 0.95 0.92 47.8442 19.1602 7.7 3.0 0 0.0f 14 8 185 0.10 1.13 kx BUD 17002752 BUD 256
2021/09/23 10:14:11.47 0.89 0.96 47.8355 19.1270f 0.0f 14 8 192 0.07 1.15 kx BUD_GT 17002753 BUD_GT 258

```

(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.7 0.3 7 BUD_GT 17002753

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 277.6 Pg 10:14:14.639 1.2 T__ 990.8 ___ ML 1.5 6919805 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 277.6 Lg 10:14:15.118 -0.2 T__ ___ 6919806 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.33 77.7 Lg 10:14:23.629 -0.3 T__ ___ 6919807 FDSN ZJ 00 BUD iLoc HHN ??? _

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ET1H | 0.50 | 84.8 | Pg | 10:14:22.242 | -0.1 | T__ | 54.8 | ___ | ML | 1.4 | 6919808 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.50 | 84.8 | Lg | 10:14:29.076 | -1.1 | T__ | | --- | | | 6919809 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.52 | 80.6 | Pg | 10:14:23.224 | 0.3 | T__ | 84.6 | ___ | ML | 1.7 | 6919811 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.52 | 80.6 | Lg | 10:14:30.018 | -1.3 | T__ | | --- | | | 6919810 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.69 | 343.6 | Pg | 10:14:26.241 | 0.7 | T__ | 24.7 | ___ | ML | 1.3 | 6919812 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.69 | 343.6 | Lg | 10:14:35.353 | -0.4 | T__ | | --- | | | 6919813 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.98 | 72.5 | Pg | 10:14:31.945 | 0.2 | T__ | 58.5 | ___ | ML | 1.8 | 6919815 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 72.5 | Lg | 10:14:45.054 | -2.2 | T__ | | --- | | | 6919814 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 1.12 | 54.0 | Pg | 10:14:34.032 | 0.3 | T__ | 112.1 | ___ | ML | 2.2 | 6919816 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 1.12 | 54.0 | Sn | 10:14:49.319 | -1.2 | T__ | | --- | | | 6919817 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JOS | 1.15 | 54.5 | Pg | 10:14:34.810 | 0.5 | T__ | 64.9 | ___ | ML | 2.0 | 6919818 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/23 | 10:54:21.61 | 1.07 | 0.87 | 48.3251 | 19.8487 | 6.0 | 3.6 | 154 | 0.0f | | 15 | 11 | 138 | 0.41 | 1.72 | sx | BUD | 17002754 | BUD | | | 144 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.1 | 4 BUD | 17002754 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.41 | 175.7 | Pg | 10:54:31.225 | 0.6 | | | | | T__ | | 392.6 | | ___ | ML | 2.0 | 6919893 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.41 | 175.7 | Lg | 10:54:36.400 | -0.9 | | | | | T__ | | | | --- | | 6919899 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.45 | 178.0 | Pg | 10:54:32.044 | 0.8 | | | | | T__ | 181.2 | | ___ | ML | 1.8 | 6919894 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ET1H | 0.45 | 178.0 | Lg | 10:54:37.719 | -0.5 | | | | | T__ | | | --- | | | 6919901 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.45 | 69.3 | Lg | 10:54:37.395 | -0.4 | | | | | T__ | | | --- | | | 6919900 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU03A | 0.45 | 201.7 | Pg | 10:54:32.034 | 0.8 | | | | | T__ | 237.6 | | ___ | ML | 1.9 | 6919897 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU03A | 0.45 | 201.7 | Lg | 10:54:37.869 | -0.4 | | | | | T__ | | | --- | | | 6919902 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.49 | 69.4 | Lg | 10:54:38.639 | -0.4 | | | | | T__ | | | --- | | | 6919903 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.50 | 113.9 | Pg | 10:54:32.717 | 0.6 | | | | | T__ | 133.3 | | ___ | ML | 1.8 | 6919896 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.50 | 113.9 | Lg | 10:54:39.271 | -0.9 | | | | | T__ | | | --- | | | 6919895 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.70 | 284.4 | Lg | 10:54:45.460 | -0.5 | | | | | T__ | | | --- | | | 6919904 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.74 | 229.5 | Lg | 10:54:47.150 | -1.3 | | | | | T__ | | | --- | | | 6919898 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.93 | 91.3 | Lg | 10:54:53.255 | -1.2 | | | | | T__ | | | --- | | | 6919905 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|--|--|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| JAVC | 1.54 | 291.1 | Sn | 10:55:11.298 | -1.1 | T__ | | | | | | | | | 6919906 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.72 | 272.6 | Sn | 10:55:16.300 | 0.3 | T__ | | | | | | | | | 6919907 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/09/23 | 12:20:37.30 | 2.74 | 0.41 | 47.3498 | 16.3724 | 17.9 | 5.9 | 142 | 0.0f | | 9 | 8 | 230 | 0.29 | 1.71 | sx | BUD | 17002756 | BUD | | | 251 |

Magnitude Err Nsta Author OrigID

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| A011B | 0.29 | 282.0 | Lg | 12:20:46.431 | -0.4 | | | | | T__ | | | | | | 6919948 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| RONA | 0.35 | 351.6 | Pg | 12:20:44.746 | 0.1 | | | | | T__ | | 163.6 | | _c | ML | 1.5 | 6919946 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.35 | 351.6 | Lg | 12:20:49.372 | -0.4 | | | | | T__ | | | | | | 6919949 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.36 | 20.6 | Lg | 12:20:49.902 | -0.0 | | | | | T__ | | | | | | 6919947 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.59 | 260.6 | Lg | 12:20:56.027 | -0.1 | | | | | T__ | | | | | | 6919950 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 0.67 | 329.4 | Lg | 12:20:59.692 | 0.1 | | | | | T__ | | | | | | 6919951 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A018A | 0.96 | 294.7 | Lg | 12:21:08.566 | 0.5 | | | | | T__ | | | | | | 6919952 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.19 | 30.4 | Sn | 12:21:17.680 | -0.3 | | | | | T__ | | | | | | 6919953 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.71 | 0.5 | Sn | 12:21:30.943 | 0.5 | | | | | T__ | | | | | | 6919954 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/09/24 | 08:32:36.01 | 0.96 | 1.46 | 47.8881 | 20.0973 | 7.1 | 2.8 | 156 | 0.0f | | 23 | 16 | 80 | 0.14 | 2.09 | sx | BUD | 17002760 | BUD | | | 120 |

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 7 BUD 17002760

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| PSZ | 0.14 | 282.6 | Pg | 08:32:40.044 | 0.4 | | | | | T__ | | 2646.2 | | | ML | 2.1 | 6920169 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.14 | 282.6 | Lg | 08:32:41.503 | -1.2 | | | | | T__ | | | | | | 6920170 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.15 | 266.7 | Pg | 08:32:40.184 | 0.5 | | | | | T__ | | 1279.1 | | | ML | 1.8 | 6920171 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.15 | 266.7 | Lg | 08:32:42.382 | -0.3 | | | | | T__ | | | | | | 6920172 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.34 | 272.9 | Lg | 08:32:48.417 | -0.3 | | | | | T__ | | | | | | 6920173 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.37 | 50.6 | Pg | 08:32:44.021 | -0.1 | | | | | T__ | | 205.8 | | | ML | 1.6 | 6920174 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.37 | 50.6 | Lg | 08:32:48.177 | -2.2 | | | | | T__ | | | | | | 6920175 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU01A | 0.63 | 210.9 | Lg | 08:32:58.528 | -1.0 | | | | | T__ | | | | | | 6920176 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.65 | 23.4 | Lg | 08:32:58.928 | -0.1 | | | | | T__ | | | | | | 6920177 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.68 | 25.8 | Pg | 08:32:50.695 | 1.1 | | | | | T__ | | 70.5 | | | ML | 1.7 | 6920179 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 25.8 | Lg | 08:32:59.647 | -0.3 | | | | | T__ | | | | | | 6920178 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.73 | 267.0 | Pg | 08:32:51.734 | 0.7 | | | | | T__ | | 109.4 | | | ML | 1.9 | 6920181 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.73 | 267.0 | Lg | 08:33:01.246 | -1.5 | | | | | T__ | | | | | | 6920180 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.9 magdef=1
ABAH 0.87 61.5 Pg 08:32:54.691 1.4 T__ 101.9 --- ML 2.0 6920182 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.87 61.5 Lg 08:33:06.321 -0.9 T__ --- 6920183 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 1.04 306.2 Pn 08:32:57.569 0.7 T__ 29.5 --- ML 1.5 6920185 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.04 306.2 Lg 08:33:11.277 -0.9 T__ --- 6920184 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU04A 1.16 201.6 Sn 08:33:15.273 0.0 T__ --- 6920186 FDSN ZJ 00 BUD iLoc HHN ??? _
HU09A 1.18 258.5 Sn 08:33:15.753 -0.8 T__ --- 6920187 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 1.54 4.9 Sn 08:33:26.063 0.3 T__ --- 6920188 FDSN PL -- BUD iLoc BHN ??? _
TRPA 1.66 80.7 Sn 08:33:29.900 1.9 T__ --- 6920189 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.95 211.2 Sn 08:33:37.733 3.3 T__ --- 6920190 FDSN HU -- BUD iLoc HHN ??? _
DRGR 2.09 120.7 Sn 08:33:41.730 3.4 T__ --- 6920191 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/24 09:11:26.94 0.87 1.21 48.4843 19.2986 4.9 2.9 7 0.0f 19 12 105 0.31 1.35 sx BUD 17002762 BUD 158

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 7 BUD 17002762

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.31 272.0 Pg 09:11:34.472 1.1 T__ 50.5 --- ML 0.9 6920240 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.31 272.0 Lg 09:11:38.228 0.1 T__ --- 6920239 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
HU10A 0.67 196.4 Lg 09:11:50.879 -0.5 T__ --- 6920241 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.69 144.6 Pg 09:11:41.996 0.3 T__ 68.1 --- ML 1.7 6920243 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.69 144.6 Lg 09:11:51.628 -0.7 T__ --- 6920242 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.72 147.5 Pg 09:11:42.409 0.4 T__ 63.9 --- ML 1.7 6920245 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.72 147.5 Lg 09:11:52.600 -0.1 T__ --- 6920244 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A338A 0.79 233.8 Lg 09:11:54.318 -1.3 T__ --- 6920248 FDSN Z3 00 BUD iLoc HH2 ??? _
KECS 0.79 89.6 Pg 09:11:43.417 0.7 T__ 231.5 --- ML 2.3 6920247 FDSN SK -- BUD iLoc EH2 EH2 _
KECS 0.79 89.6 Lg 09:11:53.888 -0.6 T__ --- 6920246 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
JOS 0.83 88.7 Pg 09:11:44.777 1.5 T__ 93.2 --- ML 1.9 6920238 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.83 88.7 Lg 09:11:55.008 -0.7 T__ --- 6920249 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 0.90 113.4 Pg 09:11:45.573 0.2 T__ 65.4 --- ML 1.8 6920251 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.90 113.4 Lg 09:11:57.882 -1.3 T__ --- 6920250 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JAVC 1.14 289.8 Lg 09:12:04.228 -3.1 T__ --- 6920253 FDSN CZ -- BUD iLoc HHN ??? _
NIE 1.14 34.8 Lg 09:12:04.053 -1.1 T__ --- 6920252 FDSN PL -- BUD iLoc BHN ??? _
ABAH 1.31 97.6 Pn 09:11:52.257 0.9 T__ 78.1 --- ML 2.1 6920255 FDSN HU -- BUD iLoc HHZ HHZ _

```



```

ABAH  1.31 97.6 Sn      09:12:09.922 -0.7      T__      ---      6920254  FDSN HU      -- BUD  iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MODS  1.35 266.0 Sn    09:12:10.959 -1.5      T__      ---      6920256  FDSN SK      -- BUD  iLoc HHN ??? _

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/24 09:22:09.44 1.28 1.29 47.0078 22.2926 9.1 6.7 140 0.0f 19 11 111 0.36 1.90 sx BUD 17002764 BUD 157

```

```

Magnitude Err Nsta Author OrigID
ML 2.4 0.2 8 BUD 17002764

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.36 126.8 Pg 09:22:17.317 0.5 T__ 478.1 _c_ ML 2.0 6920304 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.36 126.8 Lg 09:22:21.154 -1.7 T__ --- 6920313 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
SIRR 0.86 210.7 Pg 09:22:26.589 -0.2 T__ 61.1 --- ML 1.8 6920305 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.86 210.7 Lg 09:22:38.419 -1.3 T__ --- 6920314 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
CJR 0.94 107.7 Pg 09:22:28.857 0.9 T__ 588.3 --- ML 2.8 6920307 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 0.94 107.7 Lg 09:22:40.366 -1.9 T__ --- 6920315 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
BMR 1.06 50.4 Lg 09:22:44.757 -1.4 T__ --- 6920316 FDSN RO -- BUD iLoc HHN ??? _
TRPA 1.14 8.4 Pn 09:22:31.881 0.4 T__ 83.6 --- ML 2.1 6920310 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.14 8.4 Lg 09:22:46.827 -2.0 T__ --- 6920311 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
DEV 1.20 159.2 Pg 09:22:33.129 0.8 T__ 278.9 --- ML 2.6 6920309 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 1.20 159.2 Lg 09:22:48.476 -0.8 T__ --- 6920308 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
ARCR 1.41 86.1 Pg 09:22:37.220 0.5 T__ 150.3 --- ML 2.5 6920317 FDSN RO -- BUD iLoc HHZ HHZ _
ARCR 1.41 86.1 Sn 09:22:54.724 -1.3 T__ --- 6920312 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
BZS 1.47 198.9 Sn 09:22:56.249 -0.6 T__ --- 6920318 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.65 168.1 Pn 09:22:40.417 1.2 T__ 96.4 --- ML 2.4 6920306 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.65 168.1 Pg 09:22:41.776 1.1 T__ --- 6920319 FDSN RO -- BUD iLoc HHZ ??? _
GZR 1.65 168.1 Lg 09:23:03.916 0.1 T__ --- 6920320 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
LOT 1.87 146.2 Sn 09:23:07.877 0.3 T__ --- 6920321 FDSN RO -- BUD iLoc HHN ??? _
JOS 1.90 322.2 Pn 09:22:44.292 2.2 T__ 63.0 --- ML 2.4 6920322 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/24 10:36:16.20 1.52 0.36 48.4717 20.8360 16.2 5.9 19 0.0f 6 4 205 0.20 0.88 sx BUD 17002766 BUD 310

```

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|--------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| JOS | 0.20 | 277.1 | Pg | 10:36:20.605 | 0.2 | | | | | T__ | | 83.9 | | ___ | ML | 0.8 | 6920411 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.20 | 277.1 | Lg | 10:36:23.427 | -0.2 | | | | | T__ | | | | --- | | 6920414 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 273.0 | Pg | 10:36:21.194 | 0.1 | | | | | T__ | | 536.8 | | ___ | ML | 1.7 | 6920412 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 273.0 | Lg | 10:36:24.431 | -0.4 | | | | | T__ | | | | --- | | 6920415 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.32 | 123.0 | Lg | 10:36:28.443 | -0.3 | | | | | T__ | | | | --- | | 6920416 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.88 | 227.8 | Lg | 10:36:47.515 | 0.1 | | | | | T__ | | | | --- | | 6920413 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|----------------------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|
| 2021/09/24 | 10:43:04.37 | 1.40 | 0.93 | 47.7266 | 18.7328 | 8.5 | 4.6 | 42 | 0.0f | | 8 | 6 | 177 | 0.23 | 0.81 | kx | BUD | 17002768 | BUD | | | 240 | |
| 2021/09/24 | 10:43:04.08 | 0.97 | 0.84 | 47.7180 | 18.7130f | | | | 0.0f | | 8 | 6 | 182 | 0.24 | 0.82 | kx | BUD_GT | 17002769 | BUD_GT | | | 243 | |
| (locality : Dorog Hungary) | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|--------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| HU10A | 0.24 | 58.2 | Lg | 10:43:13.621 | -0.3 | | | | | T__ | | | | --- | | 6920445 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| BUD | 0.32 | 138.0 | Lg | 10:43:16.550 | -0.1 | | | | | T__ | | | | --- | | 6920446 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A338A | 0.38 | 320.9 | Lg | 10:43:18.213 | -0.7 | | | | | T__ | | | | --- | | 6920447 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| VYHS | 0.78 | 6.0 | Pg | 10:43:20.987 | 1.0 | | | | | T__ | | 22.8 | | ___ | ML | 1.3 | 6920449 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.78 | 6.0 | Lg | 10:43:30.978 | -0.6 | | | | | T__ | | | | --- | | 6920448 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.80 | 77.9 | Pg | 10:43:21.267 | 0.3 | | | | | T__ | | 49.6 | | ___ | ML | 1.6 | 6920451 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.80 | 77.9 | Lg | 10:43:32.058 | -0.8 | | | | | T__ | | | | --- | | 6920450 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.82 | 75.4 | Lg | 10:43:32.593 | -1.5 | | | | | T__ | | | | --- | | 6920452 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/25 | 04:13:21.91 | 2.11 | 0.58 | 47.3148 | 20.1245 | 20.8 | 6.7 | 46 | 6.4 | 15.3 | 9 | 5 | 206 | 0.10 | 0.92 | ke | BUD | 17002778 | BUD | | | 287 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 4 BUD | 17002778 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BSZH | 0.10 | 98.8 | Pg | 04:13:24.617 | 0.0 | | | | | T__ | | 303.1 | | ___ | ML | 1.1 | 6921033 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BSZH | 0.10 | 98.8 | Lg | 04:13:26.612 | -0.1 | | | | | T__ | | | | --- | | 6921032 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.59 | 343.2 | Pg | 04:13:34.480 | 0.2 | | | | | T__ | | 42.8 | | ___ | ML | 1.5 | 6921034 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.59 | 343.2 | Lg | 04:13:43.248 | 0.2 | | | | | T__ | | | | --- | | 6921029 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.62 345.6 Pg 04:13:35.163 -0.0 T__ 71.1 ___ ML 1.7 6921035 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.62 345.6 Lg 04:13:44.209 -0.5 T__ ___ 6921030 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.85 18.4 Lg 04:13:52.060 0.1 T__ ___ 6921031 FDSN ZJ 00 BUD iLoc HHN ??? _
HU10A 0.92 305.7 Pn 04:13:39.860 0.1 T__ ___ ML 1.8 6921036 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.92 305.7 Sn 04:13:52.618 -1.2 T__ ___ 6921037 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/26 | 02:51:00.20 | 1.25 | 0.23 | 47.3070 | 20.1245 | 8.5 | 4.8 | 98 | 4.7 | 29.9 | 8 | 5 | 121 | 0.10 | 1.01 | ke | BUD | 17002790 | BUD | | | 209 |

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Magnitude Err Nsta Author OrigID
ML 1.4 0.4 4 BUD 17002790

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BSZH | 0.10 | 94.3 | Pg | 02:51:02.705 | -0.0 | | | | | T__ | | 241.6 | | _d | ML | 1.0 | 6921597 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BSZH | 0.10 | 94.3 | Lg | 02:51:04.874 | 0.1 | | | | | T__ | | | | --- | | 6921603 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.60 | 343.4 | Pg | 02:51:12.888 | 0.1 | | | | | T__ | | 27.6 | | --- | ML | 1.3 | 6921599 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.60 | 343.4 | Lg | 02:51:21.367 | -0.2 | | | | | T__ | | | | --- | | 6921598 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.63 | 345.8 | Pg | 02:51:13.604 | 0.0 | | | | | T__ | | 42.0 | | --- | ML | 1.5 | 6921600 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU04A | 0.66 | 222.0 | Pg | 02:51:13.990 | 0.2 | | | | | T__ | | 76.8 | | --- | ML | 1.8 | 6921601 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU04A | 0.66 | 222.0 | Lg | 02:51:23.895 | -0.2 | | | | | T__ | | | | --- | | 6921602 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU21A | 1.01 | 195.7 | Sn | 02:51:34.155 | -0.2 | | | | | T__ | | | | --- | | 6921604 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/09/27 | 05:50:24.27 | 1.27 | 0.91 | 47.3079 | 18.3044 | 6.6 | 3.9 | 107 | 0.0f | | 11 | 7 | 187 | 0.06 | 1.12 | kx | BUD | 17002798 | BUD | | | 275 |
| 2021/09/27 | 05:50:24.30 | 0.93 | 0.85 | 47.3167 | 18.3081f | | | | 0.0f | | 11 | 7 | 191 | 0.06 | 1.13 | kx | BUD_GT | 17002799 | BUD_GT | | | 278 |

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(locality : Magyaralmás Hungary)
(GT info : GT2 explosion)

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```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD_GT 17002799

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 325.1 | Pg | 05:50:26.838 | 0.7 | | | | | T__ | | 1396.4 | | --- | ML | 1.6 | 6921882 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 325.1 | Lg | 05:50:27.323 | -0.7 | | | | | T__ | | | | --- | | 6921883 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MSW2 | 0.07 | 257.7 | Pg | 05:50:26.877 | 0.5 | T__ | 942.3 | ___ | ML | 1.5 | 6921887 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.07 | 257.7 | Lg | 05:50:27.891 | -0.5 | T__ | | --- | | | 6921888 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 336.4 | Pg | 05:50:27.407 | 0.8 | T__ | 927.3 | ___ | ML | 1.5 | 6921890 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 336.4 | Lg | 05:50:28.421 | -0.5 | T__ | | --- | | | 6921889 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.14 | 298.3 | Pg | 05:50:28.305 | 0.6 | T__ | 251.7 | ___ | ML | 1.1 | 6921891 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.14 | 298.3 | Lg | 05:50:30.125 | -0.7 | T__ | | --- | | | 6921892 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.29 | 293.8 | Lg | 05:50:34.509 | -1.2 | T__ | | --- | | | 6921884 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| MPLH | 0.54 | 254.6 | Lg | 05:50:43.567 | -0.4 | T__ | | --- | | | 6921885 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| MORH | 1.13 | 168.1 | Lg | 05:51:01.574 | -1.4 | T__ | | --- | | | 6921886 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/27 | 07:00:00.81 | 4.15 | 1.06 | 46.8554 | 22.7918 | 31.8 | 10.9 | 171 | 0.0f | | 7 | 4 | 292 | 0.08 | 1.56 | sx | BUD | 17002800 | BUD | | | 319 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.2 | 4 BUD | 17002800 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.08 | 221.0 | Pg | 07:00:02.926 | 0.0 | | | | | T__ | | 184.0 | | ___ | ML | 0.8 | 6921919 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.08 | 221.0 | Lg | 07:00:04.781 | -0.0 | | | | | T__ | | | | --- | | 6921920 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.46 | 180.4 | Pg | 07:00:28.822 | 0.3 | | | | | T__ | | 40.1 | | ___ | ML | 1.9 | 6921922 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.46 | 180.4 | Sn | 07:00:47.542 | -1.1 | | | | | T__ | | | | --- | | 6921921 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.48 | 213.8 | Pn | 07:00:27.757 | -0.1 | | | | | T__ | | 34.0 | | ___ | ML | 1.9 | 6921923 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.56 | 153.9 | Pg | 07:00:30.464 | -0.1 | | | | | T__ | | 50.0 | | ___ | ML | 2.1 | 6921925 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.56 | 153.9 | Sn | 07:00:49.849 | -1.8 | | | | | T__ | | | | --- | | 6921924 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|-----|
| 2021/09/27 | 09:11:18.32 | 1.16 | 1.17 | 48.0438 | 20.7081 | 7.1 | 4.0 | 157 | 0.0f | | 12 | 7 | 199 | 0.15 | 1.33 | kx | BUD | 17002802 | BUD | | | | | 267 |
| 2021/09/27 | 09:11:18.65 | 0.91 | 1.02 | 48.0750 | 20.6990f | | | | 0.0f | | 12 | 7 | 192 | 0.13 | 1.31 | kx | BUD_GT | 17002803 | BUD_GT | | | | | 265 |

(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.3 | 0.1 | 6 BUD_GT | 17002803 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| HU02A | 0.13 | 292.1 | Pg | 09:11:22.647 | 0.8 | | | | | T__ | | 367.0 | | ___ | ML | 1.2 | 6921989 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| HU02A | 0.13 | 292.1 | Lg | 09:11:24.011 | -0.6 | T__ | --- | 6921990 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.42 | 58.4 | Pg | 09:11:28.110 | 0.7 | T__ | 53.0 | --- | ML | 1.2 | 6921991 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.42 | 58.4 | Lg | 09:11:32.824 | -2.0 | T__ | --- | 6921992 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.43 | 340.8 | Pg | 09:11:28.366 | 0.9 | T__ | 759.2 | --- | ML | 2.4 | 6921994 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.43 | 340.8 | Lg | 09:11:34.347 | 0.1 | T__ | --- | 6921993 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JOS | 0.43 | 345.9 | Pg | 09:11:28.435 | 1.0 | T__ | 49.6 | --- | ML | 1.2 | 6921995 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.43 | 345.9 | Lg | 09:11:34.084 | -0.2 | T__ | --- | 6921996 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.56 | 254.1 | Pg | 09:11:30.816 | -0.0 | T__ | 37.6 | --- | ML | 1.4 | 6921998 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.56 | 254.1 | Lg | 09:11:38.183 | -1.5 | T__ | --- | 6921997 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.59 | 250.9 | Lg | 09:11:39.005 | -1.2 | T__ | --- | 6921999 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| VYHS | 1.31 | 289.3 | Pg | 09:11:44.502 | -0.6 | T__ | 14.6 | --- | ML | 1.4 | 6922000 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/09/27 | 09:15:47.71 | 0.99 | 1.03 | 46.3162 | 21.9439 | 6.2 | 4.2 | 167 | 0.0f | | 12 | 8 | 135 | 0.20 | 1.54 | sx | BUD | 17002804 | BUD | | | 157 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.8 | 0.3 | 4 BUD | 17002804 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| SIRR | 0.20 | 256.2 | Pg | 09:15:52.984 | 0.7 | | | | | T__ | | 170.2 | | _c | ML | 1.1 | 6922035 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.20 | 256.2 | Lg | 09:15:55.593 | -0.4 | | | | | T__ | | | | --- | | 6922037 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.71 | 47.8 | Pg | 09:16:02.501 | 0.5 | | | | | T__ | | 94.5 | | --- | ML | 1.9 | 6922039 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.71 | 47.8 | Lg | 09:16:11.736 | -1.8 | | | | | T__ | | | | --- | | 6922038 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.74 | 198.2 | Pg | 09:16:01.877 | -0.2 | | | | | T__ | | 55.5 | | --- | ML | 1.7 | 6922036 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.74 | 198.2 | Lg | 09:16:11.596 | -0.9 | | | | | T__ | | | | --- | | 6922040 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DEV | 0.80 | 122.6 | Lg | 09:16:13.957 | -0.1 | | | | | T__ | | | | --- | | 6922041 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| AMBH | 0.84 | 272.7 | Lg | 09:16:16.317 | -1.2 | | | | | T__ | | | | --- | | 6922042 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.09 | 147.5 | Pg | 09:16:09.372 | 0.9 | | | | | T__ | | 103.7 | | --- | ML | 2.1 | 6922044 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.09 | 147.5 | Lg | 09:16:23.747 | 0.0 | | | | | T__ | | | | --- | | 6922043 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 1.21 | 70.2 | Lg | 09:16:27.358 | -1.4 | | | | | T__ | | | | --- | | 6922045 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 1.54 | 123.6 | Sn | 09:16:37.120 | -0.6 | | | | | T__ | | | | --- | | 6922046 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/09/27 10:39:04.59 1.03 1.05 47.3182 18.3786 5.4 4.2 134 0.0f 18 12 110 0.09 1.29 sx BUD 17002810 BUD 128

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 6 BUD 17002810

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 299.2 | Pg | 10:39:07.750 | 0.7 | | | | | T__ | | 1028.8 | | _c | ML | 1.6 | 6922354 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 299.2 | Lg | 10:39:08.750 | -0.8 | | | | | T__ | | | | --- | | 6922360 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.11 | 312.6 | Pg | 10:39:08.251 | 0.8 | | | | | T__ | | 685.6 | | --- | ML | 1.4 | 6922370 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.11 | 312.6 | Lg | 10:39:09.349 | -0.8 | | | | | T__ | | | | --- | | 6922371 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.12 | 262.1 | Lg | 10:39:09.430 | -0.9 | | | | | T__ | | | | --- | | 6922369 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU09A | 0.32 | 0.5 | Pg | 10:39:12.366 | 0.9 | | | | | T__ | | 190.1 | | --- | ML | 1.5 | 6922356 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.32 | 0.5 | Lg | 10:39:16.366 | -1.0 | | | | | T__ | | | | --- | | 6922355 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.33 | 290.3 | Pg | 10:39:12.454 | 0.8 | | | | | T__ | | 83.6 | | --- | ML | 1.1 | 6922362 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.33 | 290.3 | Lg | 10:39:16.329 | -1.2 | | | | | T__ | | | | --- | | 6922361 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.68 | 39.2 | Lg | 10:39:28.559 | -1.4 | | | | | T__ | | | | --- | | 6922363 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.12 | 170.5 | Lg | 10:39:42.202 | -0.8 | | | | | T__ | | | | --- | | 6922357 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.16 | 60.4 | Sn | 10:39:43.729 | -0.9 | | | | | T__ | | | | --- | | 6922364 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.19 | 59.1 | Pn | 10:39:27.870 | 0.3 | | | | | T__ | | 48.8 | | --- | ML | 1.8 | 6922366 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.19 | 59.1 | Sn | 10:39:44.808 | -1.1 | | | | | T__ | | | | --- | | 6922365 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.22 | 14.5 | Pn | 10:39:29.065 | 1.1 | | | | | T__ | | 15.4 | | --- | ML | 1.4 | 6922359 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.22 | 14.5 | Sn | 10:39:45.315 | -1.3 | | | | | T__ | | | | --- | | 6922367 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.25 | 189.0 | Sn | 10:39:45.928 | -0.5 | | | | | T__ | | | | --- | | 6922358 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MODS | 1.29 | 325.3 | Sn | 10:39:47.075 | -1.3 | | | | | T__ | | | | --- | | 6922368 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/09/28 07:02:10.51 0.98 0.68 47.9821 16.6105 10.6 3.7 132 0.0f 7 5 168 0.35 1.09 sx BUD 17002816 BUD 224

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.35 | 217.0 | Pg | 07:02:17.658 | -0.1 | | | | | T__ | | 45.2 | | --- | ML | 0.9 | 6922810 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.35 | 217.0 | Lg | 07:02:22.560 | -0.1 | | | | | T__ | | | | --- | | 6922808 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.51 | 264.2 | Lg | 07:02:27.226 | -0.2 | | | | | T__ | | | | --- | | 6922811 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.59 | 48.5 | Pg | 07:02:23.376 | 0.5 | | | | | T__ | | | | --- | | 6922812 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MODS | 0.59 | 48.5 | Lg | 07:02:31.366 | -1.0 | T__ | --- | 6922809 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| ARSA | 1.04 | 225.5 | Lg | 07:02:44.256 | 0.7 | T__ | --- | 6922813 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| KRUC | 1.09 | 352.5 | Lg | 07:02:47.358 | -0.2 | T__ | --- | 6922814 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/28 | 07:48:59.40 | 2.15 | 0.58 | 45.8462 | 18.4110 | 16.0 | 5.4 | 154 | 0.0f | 6 | 3 | 256 | 0.33 | 0.42 | sx | BUD | 17002818 | BUD | | | | 321 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.2 | 3 BUD | 17002818 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| KOVH | 0.33 | 318.2 | Pg | 07:49:06.958 | 0.4 | | | | | T__ | | 49.2 | | --- | ML | 0.9 | 6922833 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 0.33 | 318.2 | Lg | 07:49:11.393 | -0.4 | | | | | T__ | | | | --- | | 6922836 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| | | | | (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.40 | 23.6 | Pg | 07:49:08.201 | 0.2 | | | | | T__ | | 38.0 | | _c_ | ML | 1.0 | 6922832 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 0.40 | 23.6 | Lg | 07:49:13.996 | -0.6 | | | | | T__ | | | | --- | | 6922837 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.42 | 279.8 | Pg | 07:49:08.476 | 0.1 | | | | | T__ | | 415.6 | | --- | ML | 2.1 | 6922835 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A273A | 0.42 | 279.8 | Lg | 07:49:13.910 | -0.5 | | | | | T__ | | | | --- | | 6922834 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/09/28 | 08:11:30.58 | 0.93 | 0.79 | 46.0525 | 22.8243 | 5.8 | 4.0 | 92 | 0.0f | 14 | 8 | 87 | 0.18 | 1.48 | sx | BUD | 17002822 | BUD | | | | | 116 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 7 BUD | 17002822 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| DEV | 0.18 | 161.9 | Pg | 08:11:34.156 | 0.2 | | | | | T__ | | 803.7 | | _c_ | ML | 1.7 | 6922935 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| DEV | 0.18 | 161.9 | Lg | 08:11:36.025 | -0.5 | | | | | T__ | | | | --- | | 6922936 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.66 | 182.9 | Pg | 08:11:43.550 | 0.3 | | | | | T__ | | 87.0 | | --- | ML | 1.8 | 6922931 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| GZR | 0.66 | 182.9 | Lg | 08:11:51.948 | -0.7 | | | | | T__ | | | | --- | | 6922937 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.74 | 354.0 | Pg | 08:11:45.627 | 0.1 | | | | | T__ | | 55.1 | | --- | ML | 1.7 | 6922934 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| DRGR | 0.74 | 354.0 | Lg | 08:11:56.573 | -1.0 | | | | | T__ | | | | --- | | 6922938 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.84 | 285.3 | Lg | 08:11:59.392 | -0.4 | | | | | T__ | | | | --- | | 6922939 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| CJR | 0.85 | 38.7 | Pg | 08:11:48.216 | 0.8 | | | | | T__ | | 223.9 | | --- | ML | 2.3 | 6922941 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CJR | 0.85 | 38.7 | Lg | 08:11:59.626 | -1.0 | | | | | T__ | | | | --- | | 6922940 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| | | | | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.90 | 132.1 | Pg | 08:11:48.286 | 0.5 | | | | | T__ | | 87.7 | | --- | ML | 1.9 | 6922932 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| LOT | 0.90 | 132.1 | Lg | 08:11:59.792 | -1.1 | | | | | T__ | | | | --- | | 6922942 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |

(Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1
 BZS 0.95 243.1 Pg 08:11:49.947 0.8 T__ 35.0 ___ ML 1.6 6922933 FDSN RO -- BUD iLoc HHZ HHZ _
 BZS 0.95 243.1 Lg 08:12:01.869 -0.6 T__ ___ 6922943 FDSN RO -- BUD iLoc HHN ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=0
 ARCR 1.48 45.0 Pg 08:12:00.127 0.9 T__ 102.6 ___ ML 2.3 6922944 FDSN RO -- BUD iLoc HHZ HHZ _
 (Reading ML: 2.3 magdef=1
 (Station ML: 2.3 magdef=0

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/09/28 | 10:27:32.14 | 0.83 | 1.04 | 47.7538 | 19.0497 | 3.7 | 3.3 | 169 | 0.0f | 24 | 17 | 63 | 0.09 | 1.44 | kx | BUD | 17002826 | BUD | | | | 106 |
| 2021/09/28 | 10:27:32.12 | 0.83 | 0.82 | 47.7791 | 19.0372f | | | | 0.0f | 24 | 17 | 64 | 0.07 | 1.41 | kx | BUD_GT | 17002827 | BUD_GT | | | | 102 |

(locality : Dunabogdány Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.8 | 0.2 | 7 BUD_GT | 17002827 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| HU10A | 0.07 | 349.3 | Pg | 10:27:35.381 | 1.4 | | | | | T__ | | 5469.1 | | ___ | ML | 2.2 6923050 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 349.3 | Lg | 10:27:36.087 | 0.3 | | | | | T__ | | | | --- | | 6923070 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | |
| BUD | 0.30 | 181.7 | Lg | 10:27:43.393 | -0.6 | | | | | T__ | | | | --- | | 6923071 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU03A | 0.40 | 71.6 | Lg | 10:27:46.817 | -0.3 | | | | | T__ | | | | --- | | 6923072 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU09A | 0.46 | 252.6 | Lg | 10:27:48.792 | -0.9 | | | | | T__ | | | | --- | | 6923051 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| ET1H | 0.57 | 79.6 | Pg | 10:27:44.332 | -0.0 | | | | | T__ | | 53.1 | | ___ | ML | 1.5 6923053 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.57 | 79.6 | Lg | 10:27:52.751 | -0.4 | | | | | T__ | | | | --- | | 6923052 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | |
| HU01A | 0.59 | 137.5 | Lg | 10:27:52.847 | -1.2 | | | | | T__ | | | | --- | | 6923073 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| PSZ | 0.59 | 76.1 | Pg | 10:27:45.020 | 0.0 | | | | | T__ | | 69.6 | | ___ | ML | 1.7 6923054 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.59 | 76.1 | Lg | 10:27:53.549 | -0.8 | | | | | T__ | | | | --- | | 6923055 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.67 | 231.9 | Lg | 10:27:55.751 | -1.1 | | | | | T__ | | | | --- | | 6923056 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| VVHS | 0.73 | 349.4 | Lg | 10:27:57.345 | -0.4 | | | | | T__ | | | | --- | | 6923057 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| HU08A | 0.83 | 245.6 | Lg | 10:28:01.101 | -0.8 | | | | | T__ | | | | --- | | 6923058 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU02A | 1.06 | 70.5 | Pg | 10:27:54.498 | 0.6 | | | | | T__ | | 52.1 | | ___ | ML | 1.8 6923060 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.06 | 70.5 | Sn | 10:28:08.233 | -1.8 | | | | | T__ | | | | --- | | 6923059 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.18 | 239.6 | Pg | 10:27:56.124 | 0.5 | | | | | T__ | | 64.2 | | ___ | ML | 2.0 6923061 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.18 | 239.6 | Lg | 10:28:12.186 | -0.6 | | | | | T__ | | | | --- | | 6923062 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.20 | 53.5 | Pg | 10:27:56.234 | 0.3 | | | | | T__ | | 74.5 | | ___ | ML | 2.0 6923065 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 1.20 | 53.5 | Sn | 10:28:12.849 | -0.3 | | | | | T__ | | | | --- | | 6923064 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 1.21 | 253.2 | Sn | 10:28:12.911 | -0.6 | | | | | T__ | | | | --- | | 6923063 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |


```

JOS 1.24 54.0 Pg 10:27:57.027 0.4 T__ 41.5 ___ ML 1.8 6923066 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.24 54.0 Sn 10:28:13.753 -0.3 T__ ___ 6923067 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 1.32 297.4 Sn 10:28:15.476 -1.4 T__ ___ 6923068 FDSN SK -- BUD iLoc HHN ??? _
JAVC 1.41 320.3 Sn 10:28:18.750 -1.0 T__ ___ 6923069 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/28 11:36:00.10 1.08 0.89 47.8586 20.1659 7.5 3.2 156 0.0f 16 9 157 0.19 1.09 kx BUD 17002828 BUD 217
2021/09/28 11:36:00.07 0.86 0.68 47.8650 20.1529f 0.0f 16 9 155 0.18 1.08 kx BUD_GT 17002829 BUD_GT 215
(locality : Kismána Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD_GT 17002829

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.18 287.2 Pg 11:36:05.390 0.8 T__ 839.1 ___ ML 1.7 6923168 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.18 287.2 Lg 11:36:07.502 -0.7 T__ ___ 6923170 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.19 274.4 Pg 11:36:05.390 0.8 T__ 622.1 ___ ML 1.6 6923169 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.19 274.4 Lg 11:36:07.917 -0.1 T__ ___ 6923171 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.36 44.0 Pg 11:36:08.259 0.3 T__ 169.0 ___ ML 1.5 6923182 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 11:36:12.480 -1.6 T__ ___ 6923172 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.37 276.2 Lg 11:36:14.053 -0.1 T__ ___ 6923173 FDSN ZJ 00 BUD iLoc HHN ??? _
HU01A 0.63 214.9 Lg 11:36:22.807 -0.8 T__ ___ 6923183 FDSN ZJ 00 BUD iLoc HHE ??? _
KECS 0.66 19.7 Pn 11:36:14.787 -0.6 T__ 70.3 ___ ML 1.7 6923175 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.66 19.7 Lg 11:36:23.482 0.1 T__ ___ 6923174 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.68 22.1 Pg 11:36:13.587 -0.2 T__ 56.8 ___ ML 1.6 6923176 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 11:36:24.221 0.0 T__ ___ 6923177 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.85 59.0 Pn 11:36:17.729 -0.2 T__ 63.9 ___ ML 1.8 6923179 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.85 59.0 Lg 11:36:29.747 -0.9 T__ ___ 6923178 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
VYHS 1.08 306.0 Pg 11:36:22.086 0.1 T__ 16.2 ___ ML 1.3 6923180 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.08 306.0 Lg 11:36:37.040 -0.7 T__ ___ 6923181 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/28 15:25:32.99 1.21 0.52 47.5894 16.3767 7.5 5.4 13 0.0f 6 5 135 0.12 0.67 sx BUD 17002830 BUD 209

```

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 333.8 | Pg | 15:25:35.704 | -0.1 | | | | | T__ | | 141.9 | | ___ | ML | 0.8 | 6923212 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 333.8 | Lg | 15:25:37.948 | 0.0 | | | | | T__ | | | | --- | | 6923213 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.15 | 52.5 | Lg | 15:25:39.705 | 0.7 | | | | | T__ | | | | --- | | 6923214 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 0.49 | 314.5 | Lg | 15:25:49.141 | -0.1 | | | | | T__ | | | | --- | | 6923215 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| EGYH | 0.67 | 104.6 | Lg | 15:25:56.376 | -0.4 | | | | | T__ | | | | --- | | 6923217 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.67 | 240.0 | Lg | 15:25:54.823 | 0.4 | | | | | T__ | | | | --- | | 6923216 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/28 | 19:59:09.14 | 1.06 | 0.62 | 45.5497 | 16.0528 | 7.1 | 4.7 | 46 | 0.0f | | 23 | 14 | 169 | 0.28 | 1.93 | ke | BUD | 17002834 | BUD | | | 230 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | 0.0 | 10 BUD | 17002834 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZAG | 0.28 | 350.6 | Pg | 19:59:15.236 | 0.3 | | | | | T__ | | 1303.7 | | ___ | ML | 2.2 | 6923367 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.28 | 350.6 | Lg | 19:59:20.030 | 0.8 | | | | | T__ | | | | --- | | 6923368 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.36 | 350.6 | Pg | 19:59:16.122 | -0.7 | | | | | T__ | | 331.5 | | ___ | ML | 1.8 | 6923370 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.36 | 350.6 | Lg | 19:59:21.958 | -0.7 | | | | | T__ | | | | --- | | 6923369 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.50 | 303.7 | Pg | 19:59:18.936 | 0.0 | | | | | T__ | | 106.0 | | ___ | ML | 1.7 | 6923371 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.50 | 303.7 | Lg | 19:59:26.180 | -0.1 | | | | | T__ | | | | --- | | 6923372 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.91 | 8.6 | Pg | 19:59:27.378 | 0.1 | | | | | T__ | | 131.9 | | ___ | ML | 2.1 | 6923374 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.91 | 8.6 | Lg | 19:59:40.094 | 0.7 | | | | | T__ | | | | --- | | 6923373 | FDSN | SL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.05 | 28.4 | Pg | 19:59:30.010 | 0.2 | | | | | T__ | | 177.3 | | ___ | ML | 2.3 | 6923377 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 1.05 | 28.4 | Lg | 19:59:44.471 | -0.1 | | | | | T__ | | | | --- | | 6923378 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 1.06 | 54.3 | Pg | 19:59:30.244 | 0.3 | | | | | T__ | | 143.7 | | ___ | ML | 2.2 | 6923375 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 1.06 | 54.3 | Lg | 19:59:44.081 | -0.7 | | | | | T__ | | | | --- | | 6923376 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLY | 1.13 | 134.6 | Pg | 19:59:30.364 | -0.5 | | | | | T__ | | 128.6 | | ___ | ML | 2.2 | 6923383 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 1.13 | 134.6 | Lg | 19:59:46.363 | 0.9 | | | | | T__ | | | | --- | | 6923384 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 1.29 | 72.8 | Pn | 19:59:33.699 | 0.0 | | | | | T__ | | 145.3 | | ___ | ML | 2.4 | 6923385 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 1.29 | 72.8 | Sn | 19:59:51.425 | -0.3 | | | | | T__ | | | | --- | | 6923379 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

A263A  1.40 38.4 Sn      19:59:54.805  0.5      T__
OBKA   1.42 313.0 Pn    19:59:36.781  0.3      T__      84.6      --- ML      2.2 6923380  FDSN OE      -- BUD  iLoc  HHZ  HHZ  _
OBKA   1.42 313.0 Sn    19:59:55.691 -0.4      T__      ---      ---      6923386  FDSN OE      -- BUD  iLoc  HHN  ???  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A265A  1.50 53.6 Lg      19:59:57.671 -0.6      T__      ---      ---      6923388  FDSN Z3      00 BUD  iLoc  HHN  ???  _
KOVH   1.53 68.7 Sn    19:59:56.994 -0.6      T__      ---      ---      6923389  FDSN HU      -- BUD  iLoc  HHN  ???  _
A261A  1.60 28.1 Sn    19:59:59.034  0.1      T__      ---      ---      6923381  FDSN Z3      00 BUD  iLoc  HHN  ???  _
MORH   1.93 68.9 Pn    19:59:43.895  1.5      T__      89.9      --- ML      2.5 6923382  FDSN HU      -- BUD  iLoc  HHZ  HHZ  _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/09/29 06:40:41.39  0.89  0.90 48.4768 17.4838  8.1  2.7 130  0.0f  12  8 133  0.17  1.30  sx  BUD  17002838  BUD  186

```

Magnitude Err Nsta Author OrigID

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
MODS  0.17 233.2 Pg      06:40:45.781  0.3      T__
MODS  0.17 233.2 Lg      06:40:47.453 -1.4      T__
ZST   0.38 222.3 Pg      06:40:49.750  0.4      T__
ZST   0.38 222.3 Lg      06:40:54.407 -1.2      T__
JAVC  0.40 17.9 Pg      06:40:49.718 -0.3      T__      75.3      --- ML      1.3 6923479  FDSN CZ      -- BUD  iLoc  HHZ  HHZ  _
JAVC  0.40 17.9 Lg      06:40:55.375 -1.3      T__      ---      ---      6923483  FDSN CZ      -- BUD  iLoc  HHN  ???  _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A331A  0.83 35.6 Pg      06:40:58.497  0.7      T__      55.5      --- ML      1.7 6923485  FDSN Z3      00 BUD  iLoc  HHZ  HHZ  _
A331A  0.83 35.6 Lg      06:41:09.778  0.6      T__      ---      ---      6923484  FDSN Z3      00 BUD  iLoc  HHN  ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS  0.90 88.4 Lg      06:41:11.864 -0.8      T__      ---      ---      6923486  FDSN SK      -- BUD  iLoc  HHN  ???  _
RONA  1.11 226.1 Lg      06:41:18.280  0.4      T__      ---      ---      6923487  FDSN OE      -- BUD  iLoc  HHN  ???  _
CONA  1.22 243.8 Lg      06:41:21.475  0.4      T__      ---      ---      6923488  FDSN OE      -- BUD  iLoc  HHN  ???  _
MORC  1.30 1.7 Lg      06:41:24.147  0.4      T__      ---      ---      6923489  FDSN CZ      -- BUD  iLoc  HHN  ???  _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/09/29 06:50:36.42  1.16  0.85 48.0253 20.3290 10.7  3.7 143  0.0f  8  4 196  0.16  0.49  kx  BUD  17002840  BUD  319
2021/09/29 06:50:35.77  0.96  1.02 47.9767 20.3679f 0.0f  8  4 223  0.18  0.53  kx  BUD_GT  17002841  BUD_GT  332

```

(locality : Eger-III. Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.1 0.2 4 BUD_GT 17002841

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU02A  0.18 35.8 Pg      06:50:40.703  0.7      T__      140.5      _c_ ML      0.9 6923535  FDSN ZJ      00 BUD  iLoc  HHZ  HHZ  _
HU02A  0.18 35.8 Lg      06:50:42.992 -0.6      T__      ---      ---      6923540  FDSN ZJ      00 BUD  iLoc  HHN  ???  _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
PSZ   0.32 259.8 Pg      06:50:43.904  0.8      T__      48.2      --- ML      0.9 6923541  FDSN GE      -- BUD  iLoc  HHZ  HHZ  _

```

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|--|--|--|------|---------|------|---------|------|-----|------|-----|------|-----|-----|---|
| PSZ | 0.32 | 259.8 | Lg | 06:50:48.103 | -0.6 | T__ | | | | | | | | 6923542 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.51 | 8.8 | Pg | 06:50:46.717 | 0.5 | T__ | | | | | | | 96.2 | ML | 1.7 | 6923538 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.51 | 8.8 | Lg | 06:50:52.592 | -1.5 | T__ | | | | | | | | | | 6923539 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 12.4 | Pg | 06:50:46.968 | 0.5 | T__ | | | | | | | 24.5 | ML | 1.2 | 6923537 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 12.4 | Lg | 06:50:53.062 | -1.7 | T__ | | | | | | | | | | 6923536 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/29 | 07:07:30.97 | 0.96 | 0.87 | 47.9611 | 16.6620 | 7.2 | 3.5 | 128 | 0.0f | | 10 | 6 | 149 | 0.29 | 1.12 | sx | BUD | 17002842 | BUD | | | 203 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.7 | 3 BUD | 17002842 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SOP | 0.29 | 194.2 | Lg | 07:07:40.537 | -0.6 | | | | | T__ | | | | | | 6923589 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.36 | 223.4 | Pg | 07:07:38.570 | 0.2 | | | | | T__ | | 36.2 | | | ML | 0.9 | 6923591 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.36 | 223.4 | Lg | 07:07:42.695 | -0.7 | | | | | T__ | | | | | | 6923590 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.54 | 266.8 | Pg | 07:07:42.226 | 0.5 | | | | | T__ | | 35.1 | | | ML | 1.3 | 6923595 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.54 | 266.8 | Lg | 07:07:48.125 | -0.8 | | | | | T__ | | | | | | 6923592 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.58 | 44.7 | Pg | 07:07:43.663 | 0.5 | | | | | T__ | | | | | | 6923596 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.58 | 44.7 | Lg | 07:07:51.500 | -1.0 | | | | | T__ | | | | | | 6923588 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 1.05 | 227.7 | Lg | 07:08:05.147 | 0.8 | | | | | T__ | | | | | | 6923593 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.12 | 350.9 | Pg | 07:07:53.191 | 0.8 | | | | | T__ | | 47.4 | | | ML | 1.8 | 6923597 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.12 | 350.9 | Lg | 07:08:07.881 | -1.0 | | | | | T__ | | | | | | 6923594 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/29 | 07:25:24.08 | 3.85 | 0.24 | 46.7881 | 22.8298 | 46.8 | 14.1 | 25 | 0.0f | | 8 | 4 | 241 | 0.08 | 1.49 | sx | BUD | 17002844 | BUD | | | 297 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.3 | 4 BUD | 17002844 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|---------|------|------|------|------|------|-----|-----|---|
| DRGR | 0.08 | 272.5 | Pg | 07:25:26.146 | 0.0 | | | | | T__ | | 531.6 | | | _c_ | ML | 1.3 | 6923623 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.08 | 272.5 | Lg | 07:25:27.927 | -0.1 | | | | | T__ | | | | | | 6923624 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.40 | 181.5 | Pn | 07:25:50.399 | 0.1 | | | | | T__ | | 37.8 | | | ML | 1.9 | 6923625 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| GZR | 1.40 | 181.5 | Sn | 07:26:10.336 | 0.1 | | | | | T__ | | | | | | 6923626 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.9 magdef=1
BZS 1.44 216.2 Pn 07:25:50.643 0.0 T__ 25.7 --- ML 1.7 6923628 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.44 216.2 Sn 07:26:11.143 0.3 T__ --- 6923627 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT 1.49 153.7 Pn 07:25:51.682 -0.2 T__ 60.1 --- ML 2.1 6923629 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.49 153.7 Sn 07:26:12.744 -0.4 T__ --- 6923630 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/29 | 08:09:51.26 | 2.29 | 1.14 | 46.1599 | 17.9734 | 16.7 | 6.9 | 135 | 0.0f | 5 | 3 | 238 | 0.11 | 0.47 | sx | BUD | 17002846 | BUD | | | | 313 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| KOVH | 0.11 | 129.1 | Pg | 08:09:54.828 | 0.6 | | | | | T__ | | 373.1 | | _c_ | ML | 1.2 | 6923653 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 0.11 | 129.1 | Lg | 08:09:56.024 | -0.7 | | | | | T__ | | | | --- | | 6923656 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.27 | 204.3 | Lg | 08:10:00.399 | -0.8 | | | | | T__ | | | | --- | | 6923657 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| MORH | 0.47 | 83.0 | Pg | 08:10:01.368 | 0.3 | | | | | T__ | | 30.6 | | --- | ML | 1.1 | 6923658 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 0.47 | 83.0 | Lg | 08:10:07.562 | -1.0 | | | | | T__ | | | | --- | | 6923654 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/09/29 | 08:22:02.11 | 1.00 | 1.04 | 47.5091 | 18.7077 | 7.0 | 3.5 | 165 | 0.0f | 14 | 10 | 85 | 0.22 | 1.37 | sx | BUD | 17002848 | BUD | | | | | 147 |

Magnitude Err Nsta Author OrigID
ML 1.4 0.2 4 BUD 17002848

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| BUD | 0.22 | 96.7 | Lg | 08:22:10.687 | -0.6 | | | | | T__ | | | | --- | | 6923694 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| HU09A | 0.26 | 300.6 | Pg | 08:22:08.703 | 1.0 | | | | | T__ | | 170.7 | | --- | ML | 1.2 | 6923692 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU09A | 0.26 | 300.6 | Lg | 08:22:11.441 | -1.1 | | | | | T__ | | | | --- | | 6923701 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.34 | 244.5 | Lg | 08:22:14.187 | -1.3 | | | | | T__ | | | | --- | | 6923695 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| HU08A | 0.54 | 262.0 | Lg | 08:22:21.003 | -1.1 | | | | | T__ | | | | --- | | 6923702 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| MPLH | 0.86 | 247.3 | Lg | 08:22:31.750 | -0.5 | | | | | T__ | | | | --- | | 6923696 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| ET1H | 0.87 | 64.4 | Pn | 08:22:20.812 | 0.3 | | | | | T__ | | 30.1 | | --- | ML | 1.5 | 6923698 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ET1H | 0.87 | 64.4 | Lg | 08:22:32.812 | -0.6 | | | | | T__ | | | | --- | | 6923697 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.90 | 62.5 | Pn | 08:22:21.500 | 0.4 | | | | | T__ | | 45.4 | | --- | ML | 1.7 | 6923700 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 0.90 | 62.5 | Lg | 08:22:33.687 | -1.2 | | | | | T__ | | | | --- | | 6923699 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.99 | 5.0 | Pg | 08:22:23.062 | 0.9 | | | | | T__ | | 17.3 | | --- | ML | 1.3 | 6923691 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | |

| | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| VYHS | 0.99 | 5.0 | Lg | 08:22:35.253 | -1.5 | T__ | --- | 6923703 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | |
| MORH | 1.30 | 182.0 | Sn | 08:22:44.171 | -1.0 | T__ | --- | 6923693 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU02A | 1.37 | 62.7 | Sn | 08:22:47.000 | -0.5 | T__ | --- | 6923690 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/09/29 | 08:25:24.98 | 1.84 | 0.92 | 46.1357 | 18.0301 | 14.0 | 5.2 | 80 | 0.0f | 6 | 3 | 248 | 0.07 | 0.43 | sx | BUD | 17002850 | BUD | | | | 304 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.4 | 3 BUD | 17002850 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| KOVH | 0.07 | 134.3 | Pg | 08:25:27.375 | 0.3 | | | | | T__ | | 661.9 | | _c_ | ML | 1.3 | 6923758 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 0.07 | 134.3 | Lg | 08:25:28.093 | -0.9 | | | | | T__ | | | | --- | | 6923759 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.42 | 22.5 | Pg | 08:25:34.281 | 0.3 | | | | | T__ | | 156.5 | | --- | ML | 1.7 | 6923761 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A266A | 0.42 | 22.5 | Lg | 08:25:39.906 | -0.9 | | | | | T__ | | | | --- | | 6923760 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.43 | 79.2 | Pg | 08:25:34.734 | 0.6 | | | | | T__ | | 31.9 | | --- | ML | 1.0 | 6923757 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 0.43 | 79.2 | Lg | 08:25:40.468 | -0.6 | | | | | T__ | | | | --- | | 6923762 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/09/29 | 09:28:45.46 | 0.97 | 1.45 | 46.9046 | 17.3582 | 5.4 | 4.6 | 2 | 0.0f | 18 | 15 | 84 | 0.15 | 1.97 | kx | BUD | 17002852 | BUD | | | | 104 |
| 2021/09/29 | 09:28:44.72 | 0.94 | 1.21 | 46.8548 | 17.2699f | | | | 0.0f | 18 | 15 | 81 | 0.13 | 2.02 | kx | BUD_GT | 17002853 | BUD_GT | | | | 100 |

(locality : Várvölgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 2.2 | 0.4 | 3 BUD_GT | 17002853 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| A261A | 0.13 | 319.5 | Pg | 09:28:49.453 | 1.5 | | | | | T__ | | 6344.8 | | --- | ML | 2.5 | 6923926 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A261A | 0.13 | 319.5 | Lg | 09:28:50.837 | 0.2 | | | | | T__ | | | | --- | | 6923941 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.37 | 30.2 | Pg | 09:28:51.750 | -0.9 | | | | | T__ | | 782.8 | | --- | ML | 2.2 | 6923924 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MPLH | 0.37 | 30.2 | Lg | 09:28:55.888 | -2.8 | | | | | T__ | | | | --- | | 6923942 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.73 | 37.5 | Lg | 09:29:10.531 | -0.9 | | | | | T__ | | | | --- | | 6923940 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| KOVH | 0.96 | 142.9 | Pn | 09:29:05.203 | 0.9 | | | | | T__ | | 58.9 | | --- | ML | 1.8 | 6923925 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 0.96 | 142.9 | Lg | 09:29:18.078 | 0.4 | | | | | T__ | | | | --- | | 6923928 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.07 | 322.3 | Sn | 09:29:22.082 | -0.0 | | | | | T__ | | | | --- | | 6923929 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |

| | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU09A | 1.09 | 43.6 | Sn | 09:29:22.802 | -0.0 | T__ | --- | 6923930 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.14 | 123.5 | Sn | 09:29:23.594 | -0.0 | T__ | --- | 6923931 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| SRO | 1.19 | 36.1 | Sn | 09:29:26.219 | 0.9 | T__ | --- | 6923939 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| ARSA | 1.26 | 289.0 | Sn | 09:29:26.755 | 0.6 | T__ | --- | 6923932 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| PTJ | 1.31 | 224.0 | Sn | 09:29:28.379 | 0.0 | T__ | --- | 6923933 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| CONA | 1.44 | 318.8 | Sn | 09:29:31.878 | 0.7 | T__ | --- | 6923934 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| CRES | 1.62 | 231.3 | Sn | 09:29:37.530 | 1.9 | T__ | --- | 6923935 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| OBKA | 1.90 | 260.5 | Lg | 09:29:45.556 | -0.5 | T__ | --- | 6923936 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.95 | 32.3 | Sn | 09:29:46.230 | 1.8 | T__ | --- | 6923937 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 2.02 | 7.5 | Sn | 09:29:48.478 | 1.8 | T__ | --- | 6923938 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/29 | 09:35:33.65 | 1.71 | 0.23 | 48.3919 | 20.6247 | 14.7 | 3.4 | 85 | 0.0f | | 10 | 5 | 222 | 0.12 | 0.72 | sx | BUD | 17002854 | BUD | | | 253 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 5 BUD | 17002854 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.12 | 331.4 | Pg | 09:35:36.171 | -0.1 | | | | | T__ | | 362.7 | | _c_ | ML | 1.2 | 6923971 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.12 | 331.4 | Lg | 09:35:38.148 | -0.3 | | | | | T__ | | | | --- | | 6923972 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.13 | 314.7 | Pg | 09:35:36.710 | 0.2 | | | | | T__ | | 519.3 | | --- | ML | 1.4 | 6923974 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.13 | 314.7 | Lg | 09:35:39.109 | 0.3 | | | | | T__ | | | | --- | | 6923973 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.28 | 193.9 | Pg | 09:35:39.960 | 0.1 | | | | | T__ | | 34.9 | | --- | ML | 0.6 | 6923975 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.28 | 193.9 | Lg | 09:35:44.367 | -0.3 | | | | | T__ | | | | --- | | 6923976 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.68 | 226.2 | Pg | 09:35:48.019 | -0.2 | | | | | T__ | | 43.4 | | --- | ML | 1.5 | 6923978 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.68 | 226.2 | Lg | 09:35:58.613 | -0.1 | | | | | T__ | | | | --- | | 6923977 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.72 | 224.8 | Pg | 09:35:48.935 | 0.1 | | | | | T__ | | 35.4 | | --- | ML | 1.4 | 6923980 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.72 | 224.8 | Lg | 09:35:59.560 | 0.0 | | | | | T__ | | | | --- | | 6923979 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/09/29 | 10:23:45.67 | 0.94 | 1.15 | 48.9515 | 19.8741 | 5.1 | 4.0 | 115 | 0.0f | | 13 | 8 | 153 | 0.54 | 1.12 | sx | BUD | 17002856 | BUD | | | | | 248 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.0 | 5 BUD | 17002856 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| NIE | 0.54 | 30.7 | Pg | 10:23:56.279 | 0.3 | | | | | T__ | | 26.5 | | --- | ML | 1.2 | 6924046 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.54 | 30.7 | Lg | 10:24:03.341 | -0.5 | | | | | T__ | | | | --- | | 6924052 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| KECS | 0.62 | 138.9 | Lg | 10:24:06.714 | -0.6 | T__ | | | | | | | | 6924053 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| JOS | 0.63 | 135.7 | Pg | 10:23:59.859 | 1.6 | T__ | 50.9 | | | | | | | 6924051 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.63 | 135.7 | Lg | 10:24:07.084 | -0.7 | T__ | | | | | | | | 6924054 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.83 | 236.7 | Pg | 10:24:02.768 | 0.4 | T__ | 11.4 | | | | | | | 6924048 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.83 | 236.7 | Lg | 10:24:14.455 | 0.2 | T__ | | | | | | | | 6924047 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.94 | 152.2 | Pg | 10:24:05.593 | 0.7 | T__ | 33.5 | | | | | | | 6924044 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.94 | 152.2 | Lg | 10:24:17.109 | -1.3 | T__ | | | | | | | | 6924049 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.03 | 179.2 | Pn | 10:24:06.421 | -0.3 | T__ | 46.5 | | | | | | | 6924045 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.03 | 179.2 | Lg | 10:24:20.869 | -1.7 | T__ | | | | | | | | 6924055 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.07 | 180.1 | Lg | 10:24:22.018 | -1.5 | T__ | | | | | | | | 6924056 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| ABAH | 1.12 | 125.4 | Lg | 10:24:22.487 | -1.4 | T__ | | | | | | | | 6924050 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/29 | 10:50:59.37 | 1.47 | 1.14 | 48.8322 | 21.3310 | 26.9 | 4.2 | 156 | 0.0f | | 9 | 5 | 202 | 0.62 | 1.32 | sx | BUD | 17002858 | BUD | | | 338 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.0 | 3 BUD | 17002858 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.62 | 237.6 | Pg | 10:51:12.567 | 0.8 | | | | | T__ | | 42.1 | | | ML | 1.5 | 6924130 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.62 | 237.6 | Lg | 10:51:19.879 | -1.3 | | | | | T__ | | | | | | 6924127 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.63 | 80.4 | Pg | 10:51:11.594 | 0.1 | | | | | T__ | | | | | | 6924133 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.63 | 80.4 | Lg | 10:51:22.039 | 0.3 | | | | | T__ | | | | | | 6924135 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| KECS | 0.66 | 238.4 | Pg | 10:51:12.980 | 0.4 | | | | | T__ | 165.1 | | | | ML | 2.1 | 6924128 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.66 | 238.4 | Lg | 10:51:21.431 | -1.0 | | | | | T__ | | | | | | 6924134 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.89 | 217.3 | Pg | 10:51:18.551 | 0.9 | | | | | T__ | 30.2 | | | | ML | 1.5 | 6924131 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.89 | 217.3 | Lg | 10:51:30.113 | -1.2 | | | | | T__ | | | | | | 6924129 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.32 | 226.9 | Sn | 10:51:42.682 | -1.4 | | | | | T__ | | | | | | 6924132 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/09/30 | 06:32:38.45 | 1.11 | 0.95 | 48.0666 | 20.6887 | 6.5 | 3.7 | 153 | 0.0f | | 12 | 6 | 193 | 0.12 | 0.58 | kx | BUD | 17002866 | BUD | | | 264 |
| 2021/09/30 | 06:32:38.47 | 0.91 | 0.86 | 48.0750 | 20.6990f | | | | 0.0f | | 12 | 6 | 192 | 0.13 | 0.59 | kx | BUD_GT | 17002867 | BUD_GT | | | 265 |

(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

ML 1.4 0.1 6 BUD_GT 17002867

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.13 | 292.1 | Pg | 06:32:41.906 | 0.3 | | | | | T__ | | 663.2 | | _c_ | ML | 1.5 | 6924639 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.13 | 292.1 | Lg | 06:32:43.781 | -0.6 | | | | | T__ | | | | --- | | 6924641 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.42 | 58.4 | Pg | 06:32:48.031 | 0.8 | | | | | T__ | | 70.3 | | --- | ML | 1.3 | 6924643 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.42 | 58.4 | Lg | 06:32:53.250 | -1.4 | | | | | T__ | | | | --- | | 6924642 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.43 | 340.8 | Pg | 06:32:48.140 | 0.8 | | | | | T__ | | 155.9 | | --- | ML | 1.7 | 6924645 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.43 | 340.8 | Lg | 06:32:53.500 | -0.5 | | | | | T__ | | | | --- | | 6924644 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.43 | 345.9 | Pg | 06:32:48.187 | 0.9 | | | | | T__ | | 58.5 | | --- | ML | 1.3 | 6924640 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.43 | 345.9 | Lg | 06:32:53.562 | -0.5 | | | | | T__ | | | | --- | | 6924646 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.56 | 254.1 | Pg | 06:32:51.046 | 0.4 | | | | | T__ | | 39.3 | | --- | ML | 1.4 | 6924648 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.56 | 254.1 | Lg | 06:32:58.234 | -1.3 | | | | | T__ | | | | --- | | 6924647 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.59 | 250.9 | Pg | 06:32:51.426 | 0.4 | | | | | T__ | | 33.9 | | --- | ML | 1.4 | 6924649 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.59 | 250.9 | Lg | 06:32:59.066 | -1.0 | | | | | T__ | | | | --- | | 6924650 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/30 | 06:44:18.57 | 1.24 | 1.11 | 47.3889 | 18.3911 | 10.2 | 4.0 | 139 | 0.0f | | 15 | 10 | 108 | 0.09 | 1.19 | sx | BUD | 17002868 | BUD | | | 186 |

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 5 BUD 17002868

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 253.8 | Pg | 06:44:21.781 | 0.7 | | | | | T__ | | 2093.1 | | _c_ | ML | 1.9 | 6924699 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 253.8 | Lg | 06:44:22.718 | -0.8 | | | | | T__ | | | | --- | | 6924701 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.25 | 358.6 | Lg | 06:44:28.875 | 0.0 | | | | | T__ | | | | --- | | 6924702 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.32 | 277.8 | Pg | 06:44:26.093 | 0.6 | | | | | T__ | | 331.8 | | --- | ML | 1.7 | 6924704 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.32 | 277.8 | Lg | 06:44:30.375 | -0.8 | | | | | T__ | | | | --- | | 6924703 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.62 | 249.6 | Pg | 06:44:31.656 | 0.4 | | | | | T__ | | 40.4 | | --- | ML | 1.5 | 6924706 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.62 | 249.6 | Lg | 06:44:39.718 | -1.0 | | | | | T__ | | | | --- | | 6924705 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.62 | 42.7 | Lg | 06:44:40.906 | -0.9 | | | | | T__ | | | | --- | | 6924707 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| EGYH | 0.72 | 272.6 | Lg | 06:44:43.343 | -0.8 | | | | | T__ | | | | --- | | 6924708 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.11 | 63.4 | Sn | 06:44:56.468 | -1.1 | | | | | T__ | | | | --- | | 6924709 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 1.15 | 15.0 | Pn | 06:44:41.968 | 1.0 | | | | | T__ | | 16.7 | | --- | ML | 1.4 | 6924713 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|------|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| VYHS | 1.15 | 15.0 | Lg | 06:44:57.593 | -0.9 | T__ | | | | | | | | | 6924712 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.15 | 61.9 | Sn | 06:44:57.281 | -1.6 | T__ | | | | | | | | | 6924710 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ |
| MORH | 1.19 | 171.5 | Pn | 06:44:42.031 | 0.9 | T__ | | | | 30.5 | | | | | 6924700 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.19 | 171.5 | Sn | 06:44:57.156 | -1.8 | T__ | | | | | | | | | 6924711 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/30 | 08:02:16.01 | 3.77 | 0.40 | 46.7827 | 22.8159 | 47.2 | 13.8 | 29 | 0.0f | | 8 | 4 | 236 | 0.07 | 1.49 | sx | BUD | 17002872 | BUD | | | 297 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.3 | 4 BUD | 17002872 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.07 | 277.1 | Pg | 08:02:17.937 | 0.1 | | | | | T__ | | 291.3 | | | ML | 1.0 | 6925062 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.07 | 277.1 | Lg | 08:02:19.468 | -0.1 | | | | | T__ | | | | | | 6925063 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.39 | 181.1 | Pn | 08:02:42.125 | -0.0 | | | | | T__ | | 30.6 | | | ML | 1.8 | 6925065 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.39 | 181.1 | Sn | 08:03:02.250 | 0.2 | | | | | T__ | | | | | | 6925064 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.43 | 216.0 | Pn | 08:02:42.513 | 0.1 | | | | | T__ | | 34.0 | | | ML | 1.8 | 6925066 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.43 | 216.0 | Sn | 08:03:03.138 | 0.6 | | | | | T__ | | | | | | 6925067 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.49 | 153.2 | Pn | 08:02:43.372 | -0.4 | | | | | T__ | | 64.6 | | | ML | 2.1 | 6925069 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.49 | 153.2 | Sn | 08:03:04.622 | -0.4 | | | | | T__ | | | | | | 6925068 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/30 | 08:28:49.77 | 0.89 | 0.99 | 48.2517 | 19.8585 | 3.9 | 3.6 | 120 | 0.0f | | 16 | 10 | 83 | 0.33 | 1.20 | sx | BUD | 17002874 | BUD | | | 130 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 6 BUD | 17002874 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.33 | 175.9 | Pg | 08:28:57.687 | 0.4 | | | | | T__ | | 320.2 | | | ML | 1.7 | 6925108 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.33 | 175.9 | Lg | 08:29:02.593 | -0.4 | | | | | T__ | | | | | | 6925114 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.37 | 178.7 | Pg | 08:28:58.375 | 0.5 | | | | | T__ | | 175.7 | | | ML | 1.6 | 6925107 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.37 | 178.7 | Lg | 08:29:03.751 | -0.1 | | | | | T__ | | | | | | 6925111 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.46 | 106.0 | Pg | 08:29:00.187 | 0.5 | | | | | T__ | | 93.7 | | | ML | 1.6 | 6925109 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 106.0 | Lg | 08:29:06.688 | -0.6 | | | | | T__ | | | | | | 6925112 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.48 60.8 Pg 08:29:00.453 1.0 T__ 211.4 ___ ML 2.0 6925116 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.48 60.8 Lg 08:29:06.031 -0.8 T__ ___ 6925115 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 0.52 61.5 Pg 08:29:00.875 0.7 T__ 91.7 ___ ML 1.7 6925110 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 61.5 Lg 08:29:07.281 -0.8 T__ ___ 6925117 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU23A 0.67 156.6 Lg 08:29:13.500 -0.6 T__ ___ 6925118 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.72 290.0 Pg 08:29:05.156 0.7 T__ 17.2 ___ ML 1.1 6925119 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.72 290.0 Lg 08:29:14.000 -1.1 T__ ___ 6925120 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
ABAH 0.92 86.7 Lg 08:29:21.126 -1.4 T__ ___ 6925113 FDSN HU -- BUD iLoc HHN ??? _
A338A 1.04 257.4 Sn 08:29:24.812 -2.1 T__ ___ 6925121 FDSN Z3 00 BUD iLoc HH2 ??? _
NIE 1.20 13.9 Lg 08:29:29.562 -0.5 T__ ___ 6925122 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/30 09:38:57.58 1.17 1.23 48.7840 20.0715 6.3 5.7 71 0.0f 9 7 122 0.41 0.92 sx BUD 17002880 BUD 241

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
KECS 0.41 137.5 Pg 09:39:06.515 0.7 T__ 162.6 ___ ML 1.6 6925256 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.41 137.5 Lg 09:39:12.234 0.2 T__ ___ 6925257 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.42 132.7 Pg 09:39:06.953 0.9 T__ 88.2 _c_ ML 1.4 6925255 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.42 132.7 Lg 09:39:11.765 -0.8 T__ ___ 6925259 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
NIE 0.65 13.2 Lg 09:39:17.984 -1.3 T__ ___ 6925258 FDSN PL -- BUD iLoc BHE ??? _
HU02A 0.73 155.3 Lg 09:39:22.198 -1.8 T__ ___ 6925260 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.87 251.0 Lg 09:39:27.791 0.1 T__ ___ 6925261 FDSN SK -- BUD iLoc HHN ??? _
PSZ 0.87 187.8 Lg 09:39:27.763 -1.3 T__ ___ 6925262 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.92 188.5 Lg 09:39:29.181 -0.9 T__ ___ 6925263 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/30 10:39:16.84 0.88 1.32 48.2028 21.2139 5.4 3.6 1 0.0f 25 16 85 0.09 1.74 kx BUD 17002882 BUD 114
2021/09/30 10:39:16.68 0.84 1.28 48.2470 21.2460f 0.0f 25 16 82 0.05 1.76 kx BUD_GT 17002883 BUD_GT 107

```

(locality : Tallya Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 9 BUD_GT 17002883

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.05 355.1 Pg 10:39:19.187 0.9 T__ 10381.8 _c_ ML 2.5 6925308 FDSN HU -- BUD iLoc HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Lg | 10:39:20.062 | 0.2 | T__ | | | | | | | | 6925309 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 10:39:27.437 | 0.2 | T__ | 128.7 | | | | | | | 6925311 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 10:39:33.559 | -1.8 | T__ | | | | | | | | 6925317 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 0.52 | 120.5 | Lg | 10:39:34.434 | -2.2 | T__ | | | | | | | | 6925318 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| JOS | 0.53 | 298.1 | Pg | 10:39:28.406 | 1.0 | T__ | 77.5 | | | | | | | 6925310 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 10:39:34.934 | -0.6 | T__ | | | | | | | | 6925319 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 10:39:29.062 | 1.1 | T__ | 283.2 | | | | | | | 6925312 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 10:39:36.059 | -0.4 | T__ | | | | | | | | 6925320 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HOLU | 0.81 | 69.3 | Pn | 10:39:34.312 | 0.1 | T__ | | | | | | | | 6925313 | FDSN | UA | -- | BUD | iLoc | MHZ | ??? | _ |
| TRPA | 0.87 | 97.2 | Pn | 10:39:35.468 | 0.4 | T__ | 130.4 | | | | | | | 6925314 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 10:39:46.496 | -1.6 | T__ | | | | | | | | 6925321 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.90 | 228.1 | Lg | 10:39:46.684 | -2.5 | T__ | | | | | | | | 6925322 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| PSZ | 0.96 | 250.6 | Pn | 10:39:36.812 | 0.3 | T__ | 67.9 | | | | | | | 6925315 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 10:39:48.871 | -2.6 | T__ | | | | | | | | 6925323 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 10:39:36.996 | 0.4 | T__ | | | | | | | | 6925326 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KOLS | 0.97 | 44.4 | Lg | 10:39:50.121 | -0.8 | T__ | | | | | | | | 6925325 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 0.99 | 248.7 | Pg | 10:39:37.687 | 0.3 | T__ | 45.9 | | | | | | | 6925316 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 10:39:49.871 | -2.1 | T__ | | | | | | | | 6925324 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 1.16 | 253.3 | Sn | 10:39:55.121 | -1.3 | T__ | | | | | | | | 6925327 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| NIE | 1.33 | 332.3 | Pg | 10:39:43.746 | 2.0 | T__ | 31.0 | | | | | | | 6925329 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.33 | 332.3 | Sn | 10:40:01.809 | 0.2 | T__ | | | | | | | | 6925328 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| MEZ | 1.54 | 79.1 | Sn | 10:40:06.621 | -0.4 | T__ | | | | | | | | 6925330 | FDSN | UA | -- | BUD | iLoc | BHN | ??? | _ |
| VYHS | 1.63 | 279.6 | Sn | 10:40:08.746 | 0.3 | T__ | | | | | | | | 6925331 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| DRGR | 1.76 | 145.2 | Pg | 10:39:51.371 | 0.1 | T__ | 37.0 | | | | | | | 6925332 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/09/30 | 11:37:12.56 | 2.95 | 0.55 | 48.5640 | 20.3203 | 19.3 | 6.1 | 156 | 0.0f | | 8 | 4 | 271 | 0.14 | 0.75 | sx | BUD | 17002884 | BUD | | | 312 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.3 | 4 BUD | 17002884 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.14 | 126.3 | Pg | 11:37:15.382 | -0.1 | | | | | T__ | | 254.0 | | | ML | 1.1 | 6925394 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.14 | 126.3 | Lg | 11:37:18.600 | 0.7 | | | | | T__ | | | | | | 6925397 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |

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(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.16 115.0 Pg 11:37:15.656 -0.3 T__ 70.8 ___ ML 0.6 6925393 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.16 115.0 Lg 11:37:19.132 0.4 T__ ___ 6925398 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
HU02A 0.46 162.8 Pg 11:37:22.356 -0.0 T__ 27.9 ___ ML 1.0 6925399 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 162.8 Lg 11:37:29.372 -0.5 T__ ___ 6925400 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
ET1H 0.75 203.8 Pg 11:37:28.859 0.6 T__ 31.4 ___ ML 1.4 6925396 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.75 203.8 Lg 11:37:39.046 -0.3 T__ ___ 6925395 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/01 06:45:40.64 1.10 1.12 47.8787 20.1243 7.9 3.1 153 0.0f 15 9 165 0.16 1.06 kx BUD 17002888 BUD 220
2021/10/01 06:45:40.19 0.87 1.01 47.8650 20.1529f 0.0f 15 9 170 0.18 1.08 kx BUD_GT 17002889 BUD_GT 224
(locality : Kismána Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 6 BUD_GT 17002889

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.18 287.2 Pg 06:45:45.364 0.7 T__ 1228.3 ___ ML 1.9 6925551 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.18 287.2 Lg 06:45:47.358 -1.0 T__ ___ 6925555 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
ET1H 0.19 274.4 Pg 06:45:45.600 0.9 T__ 449.4 _c_ ML 1.5 6925550 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.19 274.4 Lg 06:45:47.676 -0.5 T__ ___ 6925556 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.36 44.0 Pg 06:45:49.476 1.4 T__ 152.9 ___ ML 1.5 6925552 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 06:45:52.993 -1.2 T__ ___ 6925557 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.37 276.2 Pg 06:45:48.855 0.6 T__ 147.6 ___ ML 1.5 6925559 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.37 276.2 Lg 06:45:53.674 -0.6 T__ ___ 6925558 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU01A 0.63 214.9 Lg 06:46:02.876 -0.8 T__ 6925561 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.66 19.7 Lg 06:46:02.817 -0.7 T__ 6925560 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.68 22.1 Pn 06:45:55.306 -0.5 T__ 49.1 ___ ML 1.6 6925553 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 06:46:03.489 -0.8 T__ ___ 6925562 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU10A 0.76 268.9 Lg 06:46:06.751 -1.5 T__ 6925563 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 1.08 306.0 Pg 06:46:02.579 0.5 T__ 16.2 ___ ML 1.3 6925554 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.08 306.0 Lg 06:46:16.093 -1.7 T__ ___ 6925564 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/01 | 08:29:53.42 | 1.18 | 1.15 | 47.3629 | 18.4107 | 6.5 | 4.4 | 104 | 0.0f | 14 | 9 | 159 | 0.10 | 1.29 | sx | BUD | 17002890 | BUD | | | | 177 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.3 | 6 BUD | 17002890 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.10 | 270.2 | Pg | 08:29:57.013 | 0.9 | | | | | T__ | | 1712.1 | | ___ | ML | 1.8 | 6925621 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.10 | 270.2 | Lg | 08:29:57.747 | -1.0 | | | | | T__ | | | | --- | | 6925622 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.11 | 286.3 | Pg | 08:29:57.534 | 1.3 | | | | | T__ | | 1618.3 | | ___ | ML | 1.8 | 6925630 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.11 | 286.3 | Lg | 08:29:58.429 | -0.5 | | | | | T__ | | | | --- | | 6925631 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.15 | 246.0 | Pg | 08:29:57.840 | 0.8 | | | | | T__ | | 758.8 | | ___ | ML | 1.6 | 6925633 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.15 | 246.0 | Lg | 08:29:58.712 | -1.6 | | | | | T__ | | | | --- | | 6925632 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.19 | 276.1 | Pg | 08:29:58.782 | 0.9 | | | | | T__ | | 248.2 | | ___ | ML | 1.2 | 6925634 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.28 | 356.0 | Lg | 08:30:03.617 | -1.0 | | | | | T__ | | | | --- | | 6925623 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.34 | 281.9 | Pg | 08:30:01.153 | 0.5 | | | | | T__ | | 97.6 | | ___ | ML | 1.2 | 6925625 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.34 | 281.9 | Lg | 08:30:05.266 | -1.4 | | | | | T__ | | | | --- | | 6925624 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A267A | 0.42 | 173.3 | Lg | 08:30:08.497 | -0.8 | | | | | T__ | | | | --- | | 6925626 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.17 | 14.0 | Pn | 08:30:17.051 | 0.9 | | | | | T__ | | 12.8 | | ___ | ML | 1.3 | 6925628 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.17 | 14.0 | Lg | 08:30:32.669 | -1.4 | | | | | T__ | | | | --- | | 6925627 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.29 | 189.6 | Sn | 08:30:36.253 | -0.2 | | | | | T__ | | | | --- | | 6925629 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/10/01 | 08:33:41.32 | 1.03 | 0.68 | 48.5345 | 20.3821 | 5.7 | 4.3 | 169 | 0.0f | 13 | 7 | 113 | 0.09 | 1.03 | sx | BUD | 17002892 | BUD | | | | | 201 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.3 | 6 BUD | 17002892 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.09 | 126.7 | Pg | 08:33:43.991 | 0.7 | | | | | T__ | | 1435.8 | | ___ | ML | 1.7 | 6925674 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.09 | 126.7 | Lg | 08:33:44.584 | -0.4 | | | | | T__ | | | | --- | | 6925678 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.11 | 110.3 | Pg | 08:33:44.316 | 0.5 | | | | | T__ | | 286.4 | | ___ | ML | 1.1 | 6925673 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.11 | 110.3 | Lg | 08:33:44.753 | -1.0 | | | | | T__ | | | | --- | | 6925675 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU02A | 0.42 | 166.9 | Pg | 08:33:50.676 | 0.3 | T__ | 37.4 | --- | ML | 1.1 | 6925680 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.42 | 166.9 | Lg | 08:33:56.353 | -1.0 | T__ | | --- | | | 6925679 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.70 | 208.1 | Pg | 08:33:56.329 | 0.2 | T__ | 53.3 | --- | ML | 1.6 | 6925676 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.70 | 208.1 | Lg | 08:34:06.323 | -0.5 | T__ | | --- | | | 6925681 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.74 | 207.7 | Pg | 08:33:57.184 | 0.3 | T__ | 32.3 | --- | ML | 1.4 | 6925683 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.74 | 207.7 | Lg | 08:34:07.763 | -0.1 | T__ | | --- | | | 6925682 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 0.89 | 356.5 | Lg | 08:34:09.701 | -1.0 | T__ | | --- | | | 6925684 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| VYHS | 1.03 | 268.3 | Pn | 08:34:02.556 | 0.5 | T__ | 15.3 | --- | ML | 1.3 | 6925685 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.03 | 268.3 | Lg | 08:34:16.738 | -0.2 | T__ | | --- | | | 6925677 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/01 | 08:35:21.12 | 1.14 | 1.45 | 48.6388 | 21.4819 | 10.2 | 5.0 | 178 | 0.0f | | 11 | 8 | 105 | 0.60 | 1.32 | sx | BUD | 17002894 | BUD | | | 171 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 3 BUD | 17002894 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOLS | 0.60 | 60.3 | Lg | 08:35:41.342 | -1.2 | | | | | T__ | | | | | | 6925722 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.64 | 257.5 | Pg | 08:35:34.669 | 0.8 | | | | | T__ | 30.5 | | | | ML | 1.3 | 6925720 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.64 | 257.5 | Lg | 08:35:42.921 | -0.7 | | | | | T__ | | | | | | 6925719 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.68 | 257.1 | Lg | 08:35:44.139 | -0.8 | | | | | T__ | | | | | | 6925721 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU02A | 0.82 | 231.3 | Pg | 08:35:38.806 | 0.7 | | | | | T__ | 28.2 | | | | ML | 1.4 | 6925718 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.82 | 231.3 | Lg | 08:35:48.487 | -2.3 | | | | | T__ | | | | | | 6925723 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 125.4 | Pg | 08:35:38.739 | 0.7 | | | | | T__ | 57.0 | | | | ML | 1.7 | 6925725 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 125.4 | Lg | 08:35:50.204 | -2.1 | | | | | T__ | | | | | | 6925724 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.10 | 315.5 | Lg | 08:35:57.459 | -0.9 | | | | | T__ | | | | | | 6925726 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| PSZ | 1.28 | 236.4 | Sn | 08:36:03.238 | -1.6 | | | | | T__ | | | | | | 6925727 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.32 | 235.4 | Sn | 08:36:05.121 | -0.0 | | | | | T__ | | | | | | 6925728 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/10/01 | 10:36:28.90 | 3.62 | 1.08 | 48.4746 | 20.8370 | 21.4 | 12.2 | 81 | 0.0f | | 8 | 5 | 311 | 0.20 | 1.33 | sx | BUD | 17002896 | BUD | | | | | 315 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 3 BUD | 17002896 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JOS | 0.20 | 276.2 | Pg | 10:36:33.203 | 0.1 | T__ | 175.3 | ___ | ML | 1.1 | 6925823 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.20 | 276.2 | Lg | 10:36:36.747 | 0.4 | T__ | | --- | | | 6925822 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 272.2 | Pg | 10:36:33.568 | -0.2 | T__ | 642.8 | ___ | ML | 1.8 | 6925824 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 272.2 | Lg | 10:36:37.372 | -0.2 | T__ | | --- | | | 6925825 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.84 | 228.9 | Pn | 10:36:47.222 | 0.2 | T__ | 38.5 | ___ | ML | 1.6 | 6925826 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.84 | 228.9 | Lg | 10:36:59.260 | -0.1 | T__ | | --- | | | 6925827 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.88 | 227.7 | Lg | 10:37:00.615 | 0.4 | T__ | | --- | | | 6925828 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 1.33 | 271.6 | Sn | 10:37:11.298 | -2.3 | T__ | | --- | | | 6925829 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/01 | 11:00:22.13 | 0.93 | 1.76 | 48.8668 | 20.8706 | 5.2 | 4.6 | 142 | 0.0f | | 13 | 8 | 115 | 0.46 | 1.40 | sx | BUD | 17002898 | BUD | | | 186 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.4 | 4 BUD | 17002898 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.46 | 213.8 | Pg | 11:00:32.318 | 0.9 | | | | | T__ | | 1118.4 | | ___ | ML | 2.6 | 6925871 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.46 | 213.8 | Lg | 11:00:37.139 | -1.3 | | | | | T__ | | | | --- | | 6925870 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.67 | 326.0 | Pg | 11:00:35.048 | 0.3 | | | | | T__ | | 40.3 | | ___ | ML | 1.5 | 6925863 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.67 | 326.0 | Lg | 11:00:44.353 | 0.1 | | | | | T__ | | | | --- | | 6925862 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.93 | 85.4 | Pg | 11:00:40.577 | 0.8 | | | | | T__ | | | | --- | | 6925859 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.93 | 85.4 | Lg | 11:00:52.873 | -1.8 | | | | | T__ | | | | --- | | 6925864 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HOLU | 1.06 | 108.2 | Pg | 11:00:42.718 | 0.4 | | | | | T__ | | | | --- | | 6925865 | FDSN | UA | -- | BUD | iLoc | MHZ | ??? | _ | |
| PSZ | 1.15 | 214.8 | Pn | 11:00:44.342 | -0.3 | | | | | T__ | | 68.2 | | ___ | ML | 2.0 | 6925866 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.15 | 214.8 | Sn | 11:00:59.053 | -3.5 | | | | | T__ | | | | --- | | 6925867 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| STZU | 1.16 | 82.0 | Pg | 11:00:44.625 | 0.4 | | | | | T__ | | | | --- | | 6925860 | FDSN | UA | -- | BUD | iLoc | MHZ | ??? | _ | |
| ET1H | 1.19 | 214.4 | Sn | 11:01:00.925 | -2.1 | | | | | T__ | | | | --- | | 6925861 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.40 | 255.3 | Pn | 11:00:46.533 | -1.6 | | | | | T__ | | 19.1 | | ___ | ML | 1.6 | 6925869 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.40 | 255.3 | Sn | 11:01:06.583 | -2.2 | | | | | T__ | | | | --- | | 6925868 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/02 | 03:26:01.49 | 1.04 | 0.68 | 47.4991 | 17.7333 | 4.1 | 3.0 | 169 | 15.2 | 15.1 | 19 | 11 | 87 | 0.28 | 1.04 | ke | BUD | 17002902 | BUD | | | 145 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.5 | 9 BUD | 17002902 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| EGYH | 0.28 | 253.4 | Pg | 03:26:08.302 | 0.4 | | | | | T__ | | 235.6 | | --- | ML | 1.5 | 6926290 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.28 | 253.4 | Lg | 03:26:12.717 | 0.0 | | | | | T__ | | | | --- | | 6926295 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | |
| MSW3 | 0.29 | 113.4 | Pg | 03:26:08.237 | 0.3 | | | | | T__ | | 101.7 | | --- | ML | 1.1 | 6926302 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.29 | 113.4 | Lg | 03:26:13.032 | -0.2 | | | | | T__ | | | | --- | | 6926303 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1) | | | | | | | | (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | |
| MPLH | 0.35 | 201.9 | Pg | 03:26:09.138 | 0.0 | | | | | T__ | | 53.7 | | --- | ML | 1.0 | 6926304 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.35 | 201.9 | Lg | 03:26:14.112 | -0.7 | | | | | T__ | | | | --- | | 6926296 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | |
| MSW1 | 0.37 | 106.4 | Pg | 03:26:09.842 | 0.4 | | | | | T__ | | 98.0 | | --- | ML | 1.3 | 6926306 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.37 | 106.4 | Lg | 03:26:15.518 | -0.4 | | | | | T__ | | | | --- | | 6926305 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | |
| MSW2 | 0.38 | 121.1 | Pg | 03:26:09.686 | 0.2 | | | | | T__ | | 73.6 | | --- | ML | 1.2 | 6926308 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.38 | 121.1 | Lg | 03:26:15.635 | -0.5 | | | | | T__ | | | | --- | | 6926307 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | |
| CSKK | 0.38 | 110.6 | Lg | 03:26:15.378 | -0.9 | | | | | T__ | | | | --- | | 6926299 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| SR0 | 0.50 | 51.1 | Pg | 03:26:11.762 | -0.1 | | | | | T__ | | 277.7 | | --- | ML | 2.1 | 6926291 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SR0 | 0.50 | 51.1 | Lg | 03:26:20.021 | -0.1 | | | | | T__ | | | | --- | | 6926292 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | |
| TIH | 0.61 | 169.6 | Pn | 03:26:14.976 | 0.7 | | | | | T__ | | 125.5 | | --- | ML | 1.9 | 6926300 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | |
| A338A | 0.66 | 38.7 | Pg | 03:26:15.186 | 0.2 | | | | | T__ | | 100.9 | | --- | ML | 1.9 | 6926301 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A338A | 0.66 | 38.7 | Lg | 03:26:26.272 | 0.7 | | | | | T__ | | | | --- | | 6926293 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | |
| MODS | 0.93 | 340.9 | Pg | 03:26:19.914 | -0.2 | | | | | T__ | | | | --- | | 6926297 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.93 | 340.9 | Lg | 03:26:32.618 | -1.1 | | | | | T__ | | | | --- | | 6926294 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| A262A | 1.04 | 232.8 | Pn | 03:26:21.940 | 1.5 | | | | | T__ | | 82.4 | | --- | ML | 2.0 | 6926298 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/02 | 04:12:15.09 | 1.29 | 1.19 | 46.1342 | 17.0753 | 10.5 | 6.3 | 23 | 6.2 | 9.6 | 13 | 8 | 142 | 0.15 | 1.17 | ke | BUD | 17002904 | BUD | | | 186 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.4 | 6 BUD | 17002904 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A264A | 0.15 | 80.2 | Pg | 04:12:17.448 | -1.1 | | | | | T__ | | 163.0 | | --- | ML | 0.9 | 6926356 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.15 | 80.2 | Lg | 04:12:20.965 | -0.1 | | | | | T__ | | | | --- | | 6926357 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.9 magdef=1) | | | | | | | | (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | |
| A273A | 0.56 | 112.6 | Pg | 04:12:26.385 | -0.1 | | | | | T__ | | 177.8 | | --- | ML | 2.1 | 6926358 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.56 | 112.6 | Lg | 04:12:36.130 | 2.3 | | | | | T__ | | | | --- | | 6926368 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A265A 0.58 59.6 Pg 04:12:26.932 0.2 T__ 118.6 ___ ML 1.9 6926361 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.58 59.6 Lg 04:12:36.651 1.9 T__ ___ 6926360 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOGS 0.65 299.1 Lg 04:12:37.251 0.8 T__ ___ 6926359 FDSN SL -- BUD iLoc BHE ??? _
KOVH 0.71 93.3 Pg 04:12:28.444 -1.0 T__ ___ ML 1.4 6926362 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.71 93.3 Lg 04:12:39.361 0.3 T__ ___ 6926363 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A266A 0.91 64.2 Pn 04:12:33.290 0.2 T__ 127.4 ___ ML 2.1 6926364 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
MORH 1.09 85.2 Pn 04:12:34.932 -0.5 T__ 22.3 ___ ML 1.5 6926367 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.09 85.2 Lg 04:12:50.852 -0.0 T__ ___ 6926366 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CRES 1.17 255.3 Sn 04:12:52.859 -0.5 T__ ___ 6926365 FDSN SL -- BUD iLoc BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/02 08:46:47.52 1.02 1.10 46.1923 18.2807 9.0 3.7 152 0.0f 5 3 145 0.16 0.33 kx BUD 17002908 BUD 273
2021/10/02 08:46:47.55 1.01 0.87 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 17002909 BUD_GT 275
(locality : Komló Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 08:46:51.904 0.5 T__ 140.9 ___ ML 0.9 6926504 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 08:46:53.650 -0.8 T__ ___ 6926505 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MORH 0.25 80.9 Pg 08:46:53.635 0.6 T__ 45.7 ___ ML 0.6 6926503 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 08:46:56.701 -0.8 T__ ___ 6926506 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
A266A 0.35 356.8 Lg 08:46:59.892 -1.1 T__ ___ 6926507 FDSN Z3 00 BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/02 13:53:48.84 1.07 0.57 47.7745 16.1787 6.2 4.3 18 10.4 9.2 10 6 87 0.11 1.30 ke BUD 17002910 BUD 172

```

```

Magnitude Err Nsta Author OrigID
ML 1.0 0.7 4 BUD 17002910
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 133.3 Pg 13:53:51.982 0.0 T__ 71.4 ___ ML 0.5 6926533 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 133.3 Lg 13:53:53.832 -0.4 T__ ___ 6926534 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1

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| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| CONA | 0.26 | 305.9 | Pg | 13:53:54.691 | 0.1 | T__ | 41.9 | ___ | ML | 0.7 | 6926536 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.26 | 305.9 | Lg | 13:53:58.418 | -0.1 | T__ | | --- | | | 6926535 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 109.5 | Lg | 13:53:59.160 | 0.5 | T__ | | --- | | | 6926539 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| ARSA | 0.69 | 220.5 | Pg | 13:54:02.144 | -0.1 | T__ | 29.8 | --- | ML | 1.4 | 6926538 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.69 | 220.5 | Lg | 13:54:10.977 | -0.0 | T__ | | --- | | | 6926537 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.95 | 50.5 | Lg | 13:54:21.464 | -0.5 | T__ | | --- | | | 6926540 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| KRUC | 1.30 | 6.3 | Pn | 13:54:13.309 | 1.0 | T__ | 40.3 | --- | ML | 1.8 | 6926542 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.30 | 6.3 | Sn | 13:54:30.324 | 0.6 | T__ | | --- | | | 6926541 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/10/03 | 13:41:35.37 | 0.84 | 0.94 | 48.7003 | 18.5827 | 5.9 | 3.1 | 49 | 10.0f | | 20 | 12 | 126 | 0.27 | 1.42 | ke | BUD | 17002914 | BUD | | | 130 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.8 | 0.1 | 8 BUD | 17002914 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| VYHS | 0.27 | 140.7 | Pg | 13:41:41.418 | 0.2 | | | | | T__ | | 59.4 | | --- | ML | 0.8 | 6926874 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.27 | 140.7 | Lg | 13:41:44.929 | -0.6 | | | | | T__ | | | | --- | | 6926885 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A331A | 0.51 | 332.2 | Pg | 13:41:45.874 | 0.3 | | | | | T__ | | 72.5 | | --- | ML | 1.6 | 6926875 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.62 | 285.1 | Pg | 13:41:48.636 | 0.4 | | | | | T__ | | 82.8 | | --- | ML | 1.8 | 6926876 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.62 | 285.1 | Lg | 13:41:56.876 | -1.0 | | | | | T__ | | | | --- | | 6926886 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A338A | 0.70 | 192.7 | Pg | 13:41:50.382 | 0.8 | | | | | T__ | | 405.7 | | --- | ML | 2.5 | 6926877 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A338A | 0.70 | 192.7 | Lg | 13:42:00.550 | 0.1 | | | | | T__ | | | | --- | | 6926887 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.90 | 161.0 | Lg | 13:42:05.605 | -1.6 | | | | | T__ | | | | --- | | 6926888 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| MODS | 0.93 | 249.8 | Pn | 13:41:54.062 | 0.3 | | | | | T__ | | | | --- | | 6926889 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.93 | 249.8 | Lg | 13:42:06.589 | -1.1 | | | | | T__ | | | | --- | | 6926878 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.17 | 131.3 | Pn | 13:41:58.251 | 1.1 | | | | | T__ | | 36.2 | | --- | ML | 1.7 | 6926879 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.17 | 131.3 | Sn | 13:42:13.396 | -1.2 | | | | | T__ | | | | --- | | 6926890 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.19 | 133.2 | Sn | 13:42:13.631 | -0.8 | | | | | T__ | | | | --- | | 6926891 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MORC | 1.28 | 328.1 | Pn | 13:41:59.502 | 0.9 | | | | | T__ | | 45.5 | | --- | ML | 1.9 | 6926881 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.28 | 328.1 | Lg | 13:42:16.178 | -0.5 | | | | | T__ | | | | --- | | 6926882 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.28 | 99.0 | Sn | 13:42:15.768 | -1.0 | | | | | T__ | | | | --- | | 6926892 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 1.31 | 98.2 | Pn | 13:42:00.029 | 1.2 | | | | | T__ | | 37.5 | | --- | ML | 1.8 | 6926893 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.31 | 98.2 | Sn | 13:42:16.491 | -1.1 | | | | | T__ | | | | --- | | 6926880 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |

(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 HU02A 1.42 113.4 Pn 13:42:01.221 0.8 T__ 31.8 ___ ML 1.8 6926884 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU02A 1.42 113.4 Sn 13:42:20.191 -0.1 T__ ___ 6926883 FDSN ZJ 00 BUD iLoc HHN ??? _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/04 | 06:45:18.43 | 0.95 | 1.09 | 46.0450 | 22.8257 | 5.7 | 3.8 | 66 | 0.0f | | 13 | 7 | 93 | 0.17 | 0.95 | sx | BUD | 17002918 | BUD | | | 137 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.0 | 6 BUD | 17002918 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.17 | 161.5 | Pg | 06:45:21.812 | 0.1 | | | | | T__ | | 1194.7 | | ___ | ML | 1.9 | 6927166 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.17 | 161.5 | Lg | 06:45:23.951 | -0.1 | | | | | T__ | | | | --- | | 6927169 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.65 | 183.0 | Pg | 06:45:31.172 | 0.2 | | | | | T__ | | 89.1 | | ___ | ML | 1.8 | 6927167 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.65 | 183.0 | Lg | 06:45:39.716 | -0.5 | | | | | T__ | | | | --- | | 6927176 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.75 | 354.0 | Pg | 06:45:33.197 | -0.4 | | | | | T__ | | 63.9 | | ___ | ML | 1.7 | 6927171 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.75 | 354.0 | Lg | 06:45:43.873 | -1.8 | | | | | T__ | | | | --- | | 6927172 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.84 | 285.8 | Pg | 06:45:36.684 | 1.1 | | | | | T__ | | 65.3 | | ___ | ML | 1.8 | 6927175 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.84 | 285.8 | Lg | 06:45:46.962 | -0.8 | | | | | T__ | | | | --- | | 6927174 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 0.86 | 38.4 | Lg | 06:45:50.511 | 1.9 | | | | | T__ | | | | --- | | 6927173 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 0.89 | 131.8 | Pg | 06:45:36.045 | 0.5 | | | | | T__ | | 70.5 | | ___ | ML | 1.8 | 6927177 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.89 | 131.8 | Lg | 06:45:47.247 | -1.3 | | | | | T__ | | | | --- | | 6927170 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.95 | 243.6 | Pg | 06:45:36.932 | 0.0 | | | | | T__ | | 29.6 | | ___ | ML | 1.5 | 6927178 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.95 | 243.6 | Lg | 06:45:49.490 | -0.8 | | | | | T__ | | | | --- | | 6927168 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/04 | 08:12:02.70 | 1.07 | 0.98 | 46.0584 | 22.8957 | 7.8 | 4.0 | 73 | 0.0f | | 11 | 6 | 144 | 0.18 | 1.00 | sx | BUD | 17002924 | BUD | | | 210 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.0 | 5 BUD | 17002924 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|---------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.18 | 178.3 | Pg | 08:12:06.516 | 0.5 | | | | | T__ | | 738.2 | | ___ | ML | 1.7 | 6927386 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.18 | 178.3 | Lg | 08:12:08.218 | -0.3 | | | | | T__ | | | | --- | | 6927383 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.7 magdef=1
GZR 0.67 187.2 Pg 08:12:15.977 0.4 T__ 71.0 ___ ML 1.7 6927387 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.67 187.2 Lg 08:12:24.512 -0.6 T__ ___ 6927384 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.74 350.2 Pg 08:12:18.129 0.4 T__ 62.2 ___ ML 1.7 6927382 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.74 350.2 Lg 08:12:28.369 -1.4 T__ ___ 6927385 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT 0.86 134.6 Lg 08:12:30.369 -1.6 T__ ___ 6927392 FDSN RO -- BUD iLoc HHE ??? _
SIRR 0.88 284.1 Pg 08:12:21.483 0.8 T__ 62.4 ___ ML 1.8 6927388 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.88 284.1 Lg 08:12:32.507 -0.9 T__ ___ 6927389 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
BZS 1.00 244.2 Pg 08:12:22.108 -0.0 T__ 31.0 ___ ML 1.5 6927390 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.00 244.2 Lg 08:12:35.200 -1.0 T__ ___ 6927391 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/04 08:19:04.13 1.27 1.22 47.8145 19.1131 11.0 3.1 11 0.0f 11 6 213 0.07 1.00 sx BUD 17002926 BUD 262

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 5 BUD 17002926

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 295.8 Pg 08:19:06.538 0.5 T__ 3862.6 _c_ ML 2.1 6927426 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 295.8 Lg 08:19:07.141 -0.8 T__ ___ 6927430 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU03A 0.34 74.6 Pg 08:19:12.361 0.8 T__ 133.9 ___ ML 1.4 6927432 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.34 74.6 Lg 08:19:16.446 -0.6 T__ ___ 6927431 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 0.51 82.5 Pg 08:19:15.618 0.4 T__ 52.1 ___ ML 1.4 6927428 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.51 82.5 Lg 08:19:22.375 -0.8 T__ ___ 6927427 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.54 78.5 Pg 08:19:16.525 0.7 T__ 57.1 ___ ML 1.5 6927433 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.54 78.5 Lg 08:19:22.936 -1.4 T__ ___ 6927434 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.70 344.8 Pg 08:19:19.203 0.7 T__ 14.8 ___ ML 1.1 6927436 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.70 344.8 Lg 08:19:28.425 -0.6 T__ ___ 6927435 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU02A 1.00 71.5 Sn 08:19:38.160 -2.4 T__ ___ 6927429 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/04 08:46:18.27 0.86 1.13 48.4130 19.3458 5.0 3.1 8 0.0f 16 10 99 0.35 1.38 sx BUD 17002928 BUD 151

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 5 BUD 17002928

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.35 | 283.6 | Pg | 08:46:25.953 | 0.4 | | | | | T__ | | 51.1 | | --- | ML | 1.0 | 6927513 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.35 | 283.6 | Lg | 08:46:31.644 | 0.7 | | | | | T__ | | | | --- | | 6927514 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.61 | 201.2 | Lg | 08:46:40.258 | -0.4 | | | | | T__ | | | | --- | | 6927516 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.62 | 143.2 | Lg | 08:46:40.904 | -0.2 | | | | | T__ | | | | --- | | 6927515 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.64 | 146.4 | Lg | 08:46:41.089 | -0.3 | | | | | T__ | | | | --- | | 6927517 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KECS | 0.76 | 84.3 | Pg | 08:46:33.243 | -0.2 | | | | | T__ | | 171.7 | | --- | ML | 2.2 | 6927519 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.76 | 84.3 | Lg | 08:46:44.689 | -0.2 | | | | | T__ | | | | --- | | 6927518 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.80 | 83.6 | Pg | 08:46:35.238 | 1.1 | | | | | T__ | | 60.6 | | --- | ML | 1.7 | 6927525 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.80 | 83.6 | Lg | 08:46:45.335 | -0.8 | | | | | T__ | | | | --- | | 6927520 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.84 | 109.8 | Pg | 08:46:36.104 | 0.5 | | | | | T__ | | 40.6 | | --- | ML | 1.6 | 6927522 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.84 | 109.8 | Lg | 08:46:47.181 | -1.4 | | | | | T__ | | | | --- | | 6927521 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.19 | 31.7 | Pg | 08:46:41.643 | 1.0 | | | | | T__ | | 24.1 | | --- | ML | 1.5 | 6927523 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.19 | 31.7 | Lg | 08:46:57.057 | -0.8 | | | | | T__ | | | | --- | | 6927524 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.20 | 292.5 | Lg | 08:46:57.691 | -2.9 | | | | | T__ | | | | --- | | 6927526 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| MODS | 1.38 | 269.1 | Pn | 08:46:45.046 | 0.9 | | | | | T__ | | | | --- | | 6927528 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 1.38 | 269.1 | Sn | 08:47:03.876 | -0.6 | | | | | T__ | | | | --- | | 6927527 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/04 09:10:27.56 0.92 0.79 48.5309 17.4330 5.9 3.3 128 0.0f 8 5 121 0.19 0.93 sx BUD 17002930 BUD 187

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.19 | 213.4 | Pg | 09:10:32.464 | 0.5 | | | | | T__ | | | | --- | | 6927556 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.19 | 213.4 | Lg | 09:10:34.907 | -0.7 | | | | | T__ | | | | --- | | 6927559 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.36 | 25.5 | Pg | 09:10:35.737 | 0.3 | | | | | T__ | | 74.0 | | --- | ML | 1.2 | 6927560 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.36 | 25.5 | Lg | 09:10:40.667 | -0.9 | | | | | T__ | | | | --- | | 6927561 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.40 | 213.5 | Lg | 09:10:41.394 | -1.1 | | | | | T__ | | | | --- | | 6927557 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 0.87 | 308.1 | Lg | 09:10:56.973 | -0.0 | | | | | T__ | | | | --- | | 6927558 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.93 | 91.7 | Pg | 09:10:46.886 | 0.5 | | | | | T__ | | 15.9 | | --- | ML | 1.2 | 6927563 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.93 | 91.7 | Lg | 09:10:59.569 | -0.4 | | | | | T__ | | | | --- | | 6927562 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/04 | 09:51:05.66 | 0.96 | 1.49 | 48.9052 | 21.1785 | 6.3 | 4.5 | 156 | 0.0f | | 13 | 7 | 135 | 0.59 | 1.35 | sx | BUD | 17002932 | BUD | | | 257 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 5 BUD | 17002932 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.59 | 226.2 | Pg | 09:51:18.674 | 1.3 | | | | | T__ | | 57.8 | | ___ | ML | 1.6 | 6927641 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.59 | 226.2 | Lg | 09:51:25.758 | -0.5 | | | | | T__ | | | | --- | | 6927631 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.62 | 227.6 | Pg | 09:51:18.743 | 0.6 | | | | | T__ | | 123.6 | | ___ | ML | 1.9 | 6927633 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.62 | 227.6 | Lg | 09:51:26.220 | -1.2 | | | | | T__ | | | | --- | | 6927632 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.72 | 87.4 | Pg | 09:51:20.156 | 0.6 | | | | | T__ | | | | --- | | 6927639 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.72 | 87.4 | Lg | 09:51:29.959 | -1.2 | | | | | T__ | | | | --- | | 6927640 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.77 | 312.0 | Pg | 09:51:20.664 | 0.4 | | | | | T__ | | 29.3 | | ___ | ML | 1.4 | 6927634 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.77 | 312.0 | Lg | 09:51:30.744 | -0.5 | | | | | T__ | | | | --- | | 6927635 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.90 | 209.3 | Pn | 09:51:25.158 | 0.6 | | | | | T__ | | 47.9 | | ___ | ML | 1.7 | 6927642 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.90 | 209.3 | Lg | 09:51:35.233 | -2.5 | | | | | T__ | | | | --- | | 6927636 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.31 | 221.4 | Pn | 09:51:29.267 | -1.1 | | | | | T__ | | 49.2 | | ___ | ML | 1.9 | 6927643 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.31 | 221.4 | Sn | 09:51:47.641 | -2.3 | | | | | T__ | | | | --- | | 6927637 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.35 | 220.8 | Sn | 09:51:48.837 | -1.6 | | | | | T__ | | | | --- | | 6927638 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/04 | 10:13:37.20 | 1.62 | 0.86 | 48.4146 | 20.7512 | 11.3 | 3.8 | 87 | 0.0f | | 13 | 7 | 223 | 0.16 | 1.28 | sx | BUD | 17002934 | BUD | | | 267 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.0 | 6 BUD | 17002934 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.16 | 300.0 | Pg | 10:13:41.304 | 0.6 | | | | | T__ | | 352.2 | | ___ | ML | 1.3 | 6927681 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.16 | 300.0 | Lg | 10:13:43.381 | -0.1 | | | | | T__ | | | | --- | | 6927680 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.19 | 291.3 | Pg | 10:13:41.858 | 0.6 | | | | | T__ | | 1363.3 | | ___ | ML | 2.0 | 6927682 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.19 | 291.3 | Lg | 10:13:44.046 | -0.4 | | | | | T__ | | | | --- | | 6927683 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.33 | 207.4 | Pg | 10:13:44.876 | 0.5 | | | | | T__ | | 42.9 | | ___ | ML | 0.8 | 6927685 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.33 | 207.4 | Lg | 10:13:49.584 | -0.4 | | | | | T__ | | | | --- | | 6927684 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.76 | 229.4 | Pg | 10:13:53.295 | -0.0 | | | | | T__ | | 40.0 | | ___ | ML | 1.5 | 6927686 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.76 | 229.4 | Lg | 10:14:03.652 | -1.2 | | | | | T__ | | | | --- | | 6927687 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.80 228.0 Lg 10:14:04.981 -0.7 T__ --- 6927688 FDSN HU -- BUD iLoc HHN ??? _
NIE 1.05 343.7 Pg 10:13:57.168 0.2 T__ 26.0 --- ML 1.5 6927692 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.05 343.7 Lg 10:14:11.070 -1.6 T__ --- 6927691 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 1.28 274.3 Pn 10:14:02.046 0.6 T__ 19.2 --- ML 1.5 6927690 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.28 274.3 Sn 10:14:19.492 -1.1 T__ --- 6927689 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/04 10:35:05.90 0.82 1.15 46.9902 22.2685 5.3 4.5 41 0.0f 33 19 54 0.36 1.94 sx BUD 17002936 BUD 89

```

```

Magnitude Err Nsta Author OrigID
ML 2.2 0.3 17 BUD 17002936

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.36 123.0 Pg 10:35:13.476 0.1 T__ 526.5 _c ML 2.0 6927843 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.36 123.0 Lg 10:35:18.226 -1.2 T__ --- 6927862 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
LTVH 0.47 327.7 Pg 10:35:16.857 1.0 T__ 741.4 --- ML 2.5 6927869 FDSN HU -- BUD iLoc HHZ HHZ _
LTVH 0.47 327.7 Lg 10:35:22.009 -2.2 T__ --- 6927870 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
HU24A 0.76 264.4 Pg 10:35:22.854 0.8 T__ 358.2 --- ML 2.5 6927871 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU24A 0.76 264.4 Lg 10:35:31.708 -1.9 T__ --- 6927875 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
SIRR 0.84 210.4 Pg 10:35:23.203 0.4 T__ 86.0 --- ML 1.9 6927864 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.84 210.4 Lg 10:35:33.761 -1.7 T__ --- 6927863 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
CJR 0.95 106.4 Pg 10:35:25.052 0.4 T__ 577.6 --- ML 2.8 6927847 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 0.95 106.4 Lg 10:35:37.776 -1.3 T__ --- 6927865 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
HU07A 1.02 346.5 Lg 10:35:40.467 -1.3 T__ --- 6927872 FDSN ZJ 00 BUD iLoc HHE ??? _
BMR 1.08 50.2 Pg 10:35:27.433 0.4 T__ 256.8 --- ML 2.5 6927849 FDSN RO -- BUD iLoc HHZ HHZ _
BMR 1.08 50.2 Lg 10:35:42.055 -1.3 T__ --- 6927848 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
TRPA 1.16 9.0 Pn 10:35:28.347 0.1 T__ 127.8 --- ML 2.2 6927844 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.16 9.0 Lg 10:35:44.146 -1.7 T__ --- 6927866 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
DEV 1.19 158.1 Pg 10:35:29.015 0.5 T__ 514.3 --- ML 2.9 6927850 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
ARCR 1.43 85.4 Pn 10:35:32.972 0.6 T__ 298.3 --- ML 2.8 6927851 FDSN RO -- BUD iLoc HHZ HHZ _

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| | | | | | | | | | | | | | | | | |
|--|------|-------|----|--------------|------|-----|-------|---------|------|---------|------|-----|------|-----|------|-----------|
| ARCR | 1.43 | 85.4 | Sn | 10:35:53.742 | 0.8 | T__ | --- | 6927873 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.8 magdef=1 Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | |
| BZS | 1.45 | 198.4 | Pn | 10:35:32.667 | 0.3 | T__ | 39.6 | --- ML | 1.9 | 6927846 | FDSN | RO | -- | BUD | iLoc | HHZ HHZ _ |
| BZS | 1.45 | 198.4 | Sn | 10:35:52.024 | -0.7 | T__ | --- | 6927852 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | |
| GZR | 1.64 | 167.4 | Pn | 10:35:36.544 | 1.1 | T__ | 64.5 | --- ML | 2.2 | 6927845 | FDSN | RO | -- | BUD | iLoc | HHZ HHZ _ |
| GZR | 1.64 | 167.4 | Sn | 10:35:58.227 | 0.4 | T__ | --- | 6927867 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | |
| HU02A | 1.64 | 314.4 | Pn | 10:35:35.921 | 1.0 | T__ | 38.4 | --- ML | 2.0 | 6927853 | FDSN | ZJ | 00 | BUD | iLoc | HHZ HHZ _ |
| HU02A | 1.64 | 314.4 | Sn | 10:35:57.797 | 0.4 | T__ | --- | 6927868 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | |
| ET1H | 1.85 | 299.5 | Pg | 10:35:42.811 | -0.5 | T__ | 30.5 | --- ML | 2.0 | 6927857 | FDSN | HU | -- | BUD | iLoc | HHZ HHZ _ |
| ET1H | 1.85 | 299.5 | Sn | 10:36:04.632 | 2.5 | T__ | --- | 6927856 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | |
| PSZ | 1.86 | 300.8 | Pn | 10:35:38.464 | 0.3 | T__ | 51.1 | --- ML | 2.2 | 6927874 | FDSN | GE | -- | BUD | iLoc | HHZ HHZ _ |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | |
| LOT | 1.86 | 145.4 | Pn | 10:35:39.396 | 0.5 | T__ | 64.2 | --- ML | 2.3 | 6927855 | FDSN | RO | -- | BUD | iLoc | HHZ HHZ _ |
| LOT | 1.86 | 145.4 | Sn | 10:36:03.876 | 0.0 | T__ | --- | 6927854 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | |
| JOS | 1.91 | 322.9 | Pn | 10:35:39.420 | 0.8 | T__ | 28.3 | --- ML | 2.0 | 6927858 | FDSN | ZJ | -- | BUD | iLoc | HHZ HHZ _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | |
| KECS | 1.92 | 321.8 | Pn | 10:35:39.710 | 0.9 | T__ | 100.7 | --- ML | 2.6 | 6927859 | FDSN | SK | -- | BUD | iLoc | EHZ EHZ _ |
| (Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | |
| KOLS | 1.94 | 0.1 | Pn | 10:35:40.935 | 1.4 | T__ | --- | 6927860 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KOLS | 1.94 | 0.1 | Sn | 10:36:07.077 | 1.4 | T__ | --- | 6927861 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/04 | 11:01:37.17 | 0.92 | 1.51 | 48.7989 | 20.9437 | 5.7 | 4.1 | 127 | 0.0f | 18 | 9 | 114 | 0.40 | 1.43 | sx | BUD | 17002938 | BUD | | | 182 | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 8 BUD | 17002938 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-------|
| JOS | 0.40 | 221.6 | Pg | 11:01:46.569 | 1.2 | | | | | T__ | | 104.1 | | --- | ML | 1.4 | 6927943 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ _ |
| JOS | 0.40 | 221.6 | Lg | 11:01:50.750 | -0.8 | | | | | T__ | | | | --- | | 6927952 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.44 | 224.1 | Pg | 11:01:46.380 | 0.4 | | | | | T__ | | 272.2 | | --- | ML | 2.0 | 6927951 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ _ |
| KECS | 0.44 | 224.1 | Lg | 11:01:51.974 | -0.7 | | | | | T__ | | | | --- | | 6927953 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.73 | 202.5 | Pg | 11:01:53.326 | 1.0 | | | | | T__ | | 113.1 | | --- | ML | 2.0 | 6927944 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ _ |
| HU02A | 0.73 | 202.5 | Lg | 11:02:01.993 | -1.7 | | | | | T__ | | | | --- | | 6927954 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |

```

(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 0.75 325.9 Pg 11:01:52.578 1.2 T__ 46.1 ___ ML 1.6 6927946 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.75 325.9 Lg 11:01:59.806 -2.3 T__ ___ 6927947 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOLS 0.89 80.8 Pg 11:01:54.578 0.5 T__ ___ 6927949 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.89 80.8 Lg 11:02:06.873 -1.5 T__ ___ 6927955 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.13 218.8 Pn 11:02:00.193 0.9 T__ 66.9 ___ ML 2.0 6927945 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.13 218.8 Sn 11:02:14.289 -2.7 T__ ___ 6927956 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 1.17 218.3 Pn 11:02:00.996 1.3 T__ 38.6 ___ ML 1.7 6927948 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.17 218.3 Sn 11:02:15.507 -2.0 T__ ___ 6927957 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TRPA 1.26 121.6 Pn 11:02:01.385 0.5 T__ 85.3 ___ ML 2.1 6927958 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.26 121.6 Sn 11:02:18.610 -1.4 T__ ___ 6927959 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
VYHS 1.43 258.5 Pg 11:02:05.653 -0.2 T__ 19.9 ___ ML 1.6 6927950 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.43 258.5 Sn 11:02:22.933 -1.6 T__ ___ 6927960 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/04 12:44:27.31 0.90 1.05 47.5518 18.4757 5.0 2.8 118 0.0f 19 12 104 0.11 1.34 kx BUD 17002940 BUD 145
2021/10/04 12:44:27.31 0.85 0.90 47.5600 18.4573f 0.0f 19 12 103 0.09 1.35 kx BUD_GT 17002941 BUD_GT 142
(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 7 BUD_GT 17002941

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU09A 0.09 327.2 Pg 12:44:30.858 1.1 T__ 2092.4 ___ ML 1.9 6928034 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.09 327.2 Lg 12:44:31.716 -0.4 T__ ___ 6928035 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
MSW1 0.21 218.9 Pg 12:44:32.840 0.7 T__ 225.7 ___ ML 1.3 6928046 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.21 218.9 Lg 12:44:35.565 -0.9 T__ ___ 6928047 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CSKK 0.24 214.2 Pg 12:44:33.281 0.7 T__ 282.4 ___ ML 1.4 6928033 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.24 214.2 Lg 12:44:36.175 -1.1 T__ ___ 6928036 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW3 0.29 231.9 Pg 12:44:34.110 0.6 T__ 121.8 ___ ML 1.2 6928048 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.29 231.9 Lg 12:44:38.331 -0.4 T__ ___ 6928049 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
MSW2 0.31 213.1 Pg 12:44:35.032 1.1 T__ 116.6 ___ ML 1.2 6928050 FDSN HU -- BUD iLoc HHZ HHZ _

```

```

MSW2  0.31 213.1 Lg      12:44:38.905 -0.7      T__      ---      6928051  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU08A  0.38 250.6 Lg      12:44:40.948 -1.1      T__      ---      6928037  FDSN ZJ      00 BUD  iLoc  HHN ??? _
MPLH   0.74 238.3 Lg      12:44:52.638 -0.6      T__      ---      6928038  FDSN HU      -- BUD  iLoc  HHN ??? _
EGYH   0.78 259.8 Lg      12:44:54.020 -0.6      T__      ---      6928039  FDSN HU      -- BUD  iLoc  HHN ??? _
VYHS   0.97 15.1 Pn      12:44:47.734  0.5      T__      19.8     --- ML    1.3 6928041  FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS   0.97 15.1 Lg      12:45:00.639 -0.5      T__      ---      6928040  FDSN SK      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ET1H   1.01 71.0 Lg      12:45:02.014 -1.3      T__      ---      6928042  FDSN HU      -- BUD  iLoc  HHN ??? _
PSZ    1.03 69.2 Lg      12:45:02.799 -1.9      T__      ---      6928043  FDSN GE      -- BUD  iLoc  HHN ??? _
MORH   1.35 174.5 Pg     12:44:53.597 -0.5      T__      25.8     --- ML    1.7 6928045  FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH   1.35 174.5 Sn     12:45:12.206  0.4      T__      ---      6928044  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/10/04 12:58:13.52  0.96  0.47  47.8853  16.0859  5.8  4.1  37  0.0f  8  5 107  0.16  1.20  sx BUD  17002942  BUD  175

```

```

Magnitude  Err Nsta Author  OrigID
ML 0.8 0.2 3 BUD 17002942

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
CONA  0.16 286.0 Pg     12:58:16.820 -0.1      T__      112.2  --- ML    0.8 6928085  FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA  0.16 286.0 Lg     12:58:19.479  0.2      T__      ---      6928086  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
RONA  0.23 142.5 Pg     12:58:18.778  0.3      T__      48.7  _c_ ML    0.6 6928084  FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.23 142.5 Lg     12:58:21.210 -0.7      T__      ---      6928087  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
A002B 0.59 35.3 Lg      12:58:33.837 -0.3      T__      ---      6928088  FDSN Z3      00 BUD  iLoc  HH2 ??? _
ARSA  0.74 211.2 Lg     12:58:37.119 -0.1      T__      ---      6928089  FDSN OE      -- BUD  iLoc  HHN ??? _
KRUC  1.20 9.8 Pg      12:58:36.947  0.5      T__      42.9  --- ML    1.8 6928091  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
KRUC  1.20 9.8 Sn      12:58:53.591 -0.3      T__      ---      6928090  FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/10/05 07:05:37.80  0.90  0.72  47.9761  16.6235  5.8  3.6 132  0.0f  12  8 94  0.30  1.13  sx BUD  17002956  BUD  141

```

```

Magnitude  Err Nsta Author  OrigID
ML 1.5 0.5 3 BUD 17002956

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
SOP  0.30 188.6 Lg     07:05:47.644 -0.6      T__      84.0  ---      6928974  FDSN HU      -- BUD  iLoc  HHN ??? _
RONA  0.35 218.7 Pg     07:05:45.544  0.5      T__      --- ML    1.2 6928971  FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.35 218.7 Lg     07:05:49.416 -0.6      T__      ---      6928975  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1

```

```

(Station ML: 1.2 magdef=1
CONA 0.51 264.9 Pg 07:05:48.161 0.1 T__ 65.5 ___ ML 1.5 6928982 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.51 264.9 Lg 07:05:54.456 -0.5 T__ ___ 6928976 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MODS 0.59 47.5 Pg 07:05:50.579 0.5 T__ ___ 6928977 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.59 47.5 Lg 07:05:59.058 -0.5 T__ ___ 6928972 FDSN SK -- BUD iLoc HHN ??? _
MPLH 1.02 142.1 Lg 07:06:12.234 -0.6 T__ ___ 6928978 FDSN HU -- BUD iLoc HHN ??? _
ARSA 1.04 226.1 Lg 07:06:11.630 0.7 T__ ___ 6928973 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.10 352.1 Lg 07:06:14.616 -0.5 T__ ___ 6928979 FDSN CZ -- BUD iLoc HHE ??? _
JAVC 1.13 37.9 Pn 07:06:00.714 0.2 T__ 81.0 ___ ML 2.0 6928981 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.13 37.9 Sn 07:06:16.499 -1.3 T__ ___ 6928980 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/05 07:32:29.24 1.62 0.98 47.3795 18.4136 14.2 4.9 139 0.0f 9 7 109 0.11 1.18 sx BUD 17002958 BUD 198

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.11 261.1 Pg 07:32:32.349 0.4 T__ 730.9 ___ ML 1.5 6929012 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.11 261.1 Lg 07:32:33.761 -0.9 T__ ___ 6929014 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU09A 0.26 355.3 Lg 07:32:39.863 -0.0 T__ ___ 6929015 FDSN ZJ 00 BUD iLoc HHN ??? _
HU10A 0.62 41.1 Lg 07:32:51.931 -0.5 T__ ___ 6929016 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.11 62.6 Sn 07:33:07.370 -0.7 T__ ___ 6929017 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.14 61.2 Sn 07:33:08.335 -1.0 T__ ___ 6929018 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.15 14.1 Pn 07:32:53.032 1.3 T__ 15.1 ___ ML 1.3 6929013 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.15 14.1 Lg 07:33:08.789 -0.6 T__ ___ 6929020 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MORH 1.18 172.2 Sn 07:33:08.300 -1.1 T__ ___ 6929019 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/05 08:32:18.09 1.28 1.05 47.8513 20.1542 10.2 3.5 162 0.0f 11 8 156 0.19 0.76 sx BUD 17002960 BUD 227

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.1 3 BUD 17002960

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.19 291.1 Pg 08:32:23.266 0.6 T__ 513.2 ___ ML 1.5 6929237 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.19 291.1 Lg 08:32:25.550 -0.8 T__ ___ 6929238 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.19 278.4 Pg 08:32:23.390 0.8 T__ 251.1 ___ ML 1.2 6929239 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.19 278.4 Lg 08:32:25.883 -0.3 T__ ___ 6929240 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

```

| | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|---------------------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU02A | 0.37 | 42.4 | Pg | 08:32:26.880 | 0.8 | T__ | 65.0 | ___ | ML | 1.1 | 6929241 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.37 | 42.4 | Lg | 08:32:31.449 | -1.0 | T__ | | --- | | | 6929242 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.1 magdef=1 | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | |
| HU03A | 0.38 | 278.2 | Lg | 08:32:31.677 | -0.6 | T__ | | --- | | | 6929243 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| KECS | 0.67 | 19.2 | Lg | 08:32:40.933 | -0.9 | T__ | | --- | | | 6929244 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| JOS | 0.69 | 21.6 | Lg | 08:32:42.179 | -0.4 | T__ | | --- | | | 6929245 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ |
| HU05A | 0.73 | 113.9 | Lg | 08:32:43.625 | -1.5 | T__ | | --- | | | 6929246 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| HU10A | 0.76 | 270.0 | Lg | 08:32:44.691 | -1.5 | T__ | | --- | | | 6929247 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/05 | 10:03:46.49 | 1.14 | 1.93 | 47.2187 | 18.1582 | 7.1 | 5.9 | 113 | 0.0f | | 9 | 6 | 135 | 0.09 | 1.13 | sx | BUD | 17002962 | BUD | | | 170 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.2 | 3 BUD | 17002962 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|---------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.09 | 23.2 | Pg | 10:03:49.459 | 0.5 | | | | | T__ | | 553.8 | | --- | ML | 1.3 | 6929346 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.09 | 23.2 | Lg | 10:03:50.709 | -0.7 | | | | | T__ | | | | --- | | 6929347 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.16 | 25.7 | Pg | 10:03:51.439 | 1.1 | | | | | T__ | | 251.6 | | --- | ML | 1.1 | 6929349 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.16 | 25.7 | Lg | 10:03:53.524 | -0.3 | | | | | T__ | | | | --- | | 6929348 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.17 | 352.4 | Pg | 10:03:48.938 | -1.5 | | | | | T__ | | 160.2 | | --- | ML | 1.0 | 6929350 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.17 | 352.4 | Lg | 10:03:54.740 | 0.8 | | | | | T__ | | | | --- | | 6929351 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.42 | 263.7 | Lg | 10:04:04.745 | 2.4 | | | | | T__ | | | | --- | | 6929352 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.06 | 161.4 | Lg | 10:04:19.823 | -3.2 | | | | | T__ | | | | --- | | 6929353 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 1.13 | 182.1 | Sn | 10:04:24.201 | -1.3 | | | | | T__ | | | | --- | | 6929354 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/05 | 10:28:33.37 | 0.95 | 0.86 | 46.9813 | 17.3201 | 6.4 | 3.4 | 146 | 0.0f | | 11 | 9 | 102 | 0.12 | 1.19 | sx | BUD | 17002964 | BUD | | | 140 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|---------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.12 | 256.1 | Pg | 10:28:36.969 | 0.5 | | | | | T__ | | 8951.3 | | --- | ML | 2.6 | 6929382 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.12 | 256.1 | Lg | 10:28:38.243 | -0.8 | | | | | T__ | | | | --- | | 6929383 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.24 | 38.3 | Pg | 10:28:39.326 | 0.5 | | | | | T__ | | 278.7 | | --- | ML | 1.4 | 6929380 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.24 | 38.3 | Lg | 10:28:42.989 | -0.2 | | | | | T__ | | | | --- | | 6929384 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.34 | 180.6 | Lg | 10:28:45.404 | -0.6 | | | | | T__ | | | | --- | | 6929385 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| TIH | 0.40 | 101.5 | Lg | 10:28:48.143 | -0.2 | | | | | T__ | | | | --- | | 6929386 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| EGYH | 0.44 | 1.0 | Lg | 10:28:49.284 | -0.4 | | | | | T__ | | | | --- | | 6929387 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| A262A | 0.56 | 258.1 | Lg | 10:28:51.955 | -0.4 | T__ | --- | 6929388 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| HU08A | 0.61 | 42.2 | Lg | 10:28:55.024 | -0.9 | T__ | --- | 6929389 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU09A | 0.98 | 47.3 | Sn | 10:29:07.308 | -1.4 | T__ | --- | 6929381 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.19 | 129.6 | Sn | 10:29:12.383 | -1.1 | T__ | --- | 6929390 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/10/05 | 10:46:54.69 | 1.00 | 0.82 | 47.8527 | 19.1443 | 9.8 | 3.4 | 176 | 0.0f | 6 | 4 | 178 | 0.09 | 0.67 | kx | BUD | 17002966 | BUD | | | | 255 |
| 2021/10/05 | 10:46:54.61 | 0.97 | 0.79 | 47.8355 | 19.1270f | | | | 0.0f | 6 | 4 | 192 | 0.07 | 0.69 | kx | BUD_GT | 17002967 | BUD_GT | | | | 258 |

(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID | Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | | | | | | |
|-----------|-----|------|--------|--------|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|--|--|--|--|--|--|
| | | | | | HU10A | 0.07 | 277.6 | Pg | 10:46:57.386 | 0.8 | | | | | T__ | | 423.5 | | --- | ML | 1.1 | 6929409 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | | | | | |
| | | | | | HU10A | 0.07 | 277.6 | Lg | 10:46:57.968 | -0.5 | | | | | T__ | | | | --- | | | 6929410 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | | | | |
| | | | | | (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | ET1H | 0.50 | 84.8 | Lg | 10:47:12.515 | -0.8 | | | | | T__ | | | | --- | | | 6929411 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | | | |
| | | | | | PSZ | 0.52 | 80.6 | Pg | 10:47:06.187 | 0.2 | | | | | T__ | | 52.1 | | --- | ML | 1.5 | 6929413 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | | | | | | |
| | | | | | PSZ | 0.52 | 80.6 | Lg | 10:47:13.332 | -1.1 | | | | | T__ | | | | --- | | | 6929412 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | | | | | |
| | | | | | (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | VYHS | 0.69 | 343.6 | Lg | 10:47:18.203 | -0.7 | | | | | T__ | | | | --- | | | 6929414 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/10/05 | 11:15:50.90 | 0.93 | 0.53 | 48.3667 | 19.5668 | 5.5 | 3.5 | 17 | 0.0f | | 12 | 6 | 153 | 0.50 | 0.69 | sx | BUD | 17002968 | BUD | | | | 281 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.0 | 6 BUD | 17002968 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | | | | | | | | | | | |
|------|------|-------|-------|--------------|--|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| PSZ | 0.50 | 153.8 | Pg | 11:16:01.661 | -0.1 | | | | | T__ | | 63.8 | | --- | ML | 1.5 | 6929501 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | | | | | | | | | | | |
| PSZ | 0.50 | 153.8 | Lg | 11:16:10.196 | 0.5 | | | | | T__ | | | | --- | | | 6929509 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | | | | | | | | | | |
| | | | | | (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.50 | 284.9 | Pg | 11:16:01.471 | 0.2 | | | | | T__ | | 18.3 | | --- | ML | 1.0 | 6929505 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | | | | | | | | | | | |
| VYHS | 0.50 | 284.9 | Lg | 11:16:08.132 | -0.6 | | | | | T__ | | | | --- | | | 6929506 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | | | | | | | | | |
| | | | | | (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.53 | 157.2 | Pg | 11:16:02.283 | 0.1 | | | | | T__ | | 33.6 | | --- | ML | 1.3 | 6929502 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | | | | | | | | | | |
| ET1H | 0.53 | 157.2 | Lg | 11:16:10.410 | 0.1 | | | | | T__ | | | | --- | | | 6929510 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | | | | | | | | |
| | | | | | (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.62 | 78.9 | Pg | 11:16:03.436 | 0.0 | | | | | T__ | | 103.5 | | --- | ML | 1.9 | 6929503 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | | | | | | | | | | | |
| KECS | 0.62 | 78.9 | Lg | 11:16:12.970 | 0.1 | | | | | T__ | | | | --- | | | 6929507 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | | | | | | | | | | |
| | | | | | (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.66 | 78.4 | Pg | 11:16:04.467 | 0.4 | | | | | T__ | | 41.6 | | --- | ML | 1.5 | 6929499 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | | | | | | | | | | | |
| JOS | 0.66 | 78.4 | Lg | 11:16:14.098 | 0.0 | | | | | T__ | | | | --- | | | 6929508 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | | | | | | | | | | |

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.69 110.6 Pg 11:16:05.216 0.0 T__ 45.4 ___ ML 1.5 6929504 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.69 110.6 Lg 11:16:14.687 -1.3 T__ ___ 6929500 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/05 | 11:53:33.70 | 1.35 | 1.24 | 48.5143 | 20.8122 | 7.7 | 5.7 | 85 | 0.0f | | 15 | 8 | 140 | 0.18 | 1.31 | sx | BUD | 17002970 | BUD | | | 226 |

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD 17002970

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| JOS | 0.18 | 264.3 | Pg | 11:53:38.157 | 0.6 | | | | | T__ | | 678.3 | | ___ | ML | 1.6 6929552 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| JOS | 0.18 | 264.3 | Lg | 11:53:40.376 | -0.2 | | | | | T__ | | | | ___ | | 6929557 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 262.0 | Pg | 11:53:38.846 | 0.5 | | | | | T__ | | 2270.8 | | ___ | ML | 2.3 6929553 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | | |
| KECS | 0.22 | 262.0 | Lg | 11:53:41.415 | -0.5 | | | | | T__ | | | | ___ | | 6929554 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.44 | 206.1 | Pg | 11:53:44.130 | 1.1 | | | | | T__ | | 50.1 | | ___ | ML | 1.2 6929555 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| HU02A | 0.44 | 206.1 | Lg | 11:53:49.461 | -0.7 | | | | | T__ | | | | ___ | | 6929556 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.86 | 226.2 | Pg | 11:53:51.648 | -0.1 | | | | | T__ | | 69.5 | | ___ | ML | 1.8 6929559 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| PSZ | 0.86 | 226.2 | Lg | 11:54:03.168 | -1.5 | | | | | T__ | | | | ___ | | 6929558 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.89 | 225.1 | Pn | 11:53:51.879 | -0.5 | | | | | T__ | | 39.6 | | ___ | ML | 1.6 6929563 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| ET1H | 0.89 | 225.1 | Lg | 11:54:04.340 | -1.2 | | | | | T__ | | | | ___ | | 6929562 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.97 | 339.7 | Pn | 11:53:54.675 | 1.0 | | | | | T__ | | 34.0 | | ___ | ML | 1.6 6929560 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ | | |
| NIE | 0.97 | 339.7 | Lg | 11:54:05.309 | -0.4 | | | | | T__ | | | | ___ | | 6929561 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 1.05 | 66.0 | Lg | 11:54:07.854 | -2.4 | | | | | T__ | | | | ___ | | 6929564 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| VYHS | 1.31 | 269.9 | Pn | 11:53:58.372 | -0.1 | | | | | T__ | | 16.1 | | ___ | ML | 1.4 6929566 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| VYHS | 1.31 | 269.9 | Sn | 11:54:15.818 | -2.2 | | | | | T__ | | | | ___ | | 6929565 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/05 | 12:30:16.20 | 1.03 | 0.76 | 47.5826 | 16.3981 | 5.8 | 4.4 | 164 | 0.0f | | 10 | 6 | 136 | 0.14 | 0.99 | sx | BUD | 17002972 | BUD | | | 209 |

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Magnitude Err Nsta Author OrigID
ML 1.4 0.2 3 BUD 17002972

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.14 | 329.6 | Pg | 12:30:19.850 | 0.6 | | | | | T__ | | 250.7 | | _c_ | ML | 1.1 | 6929600 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.14 | 329.6 | Lg | 12:30:21.269 | -0.3 | | | | | T__ | | | | | | 6929601 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.15 | 47.0 | Lg | 12:30:22.668 | 0.6 | | | | | T__ | | | | | | 6929602 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 0.50 | 313.9 | Pg | 12:30:26.708 | 0.5 | | | | | T__ | | 56.6 | | | ML | 1.4 | 6929604 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.50 | 313.9 | Lg | 12:30:32.413 | -0.5 | | | | | T__ | | | | | | 6929603 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.65 | 104.3 | Lg | 12:30:39.786 | 0.3 | | | | | T__ | | | | | | 6929607 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.68 | 241.1 | Pg | 12:30:29.013 | -0.4 | | | | | T__ | | 51.1 | | | ML | 1.6 | 6929606 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.68 | 241.1 | Lg | 12:30:37.874 | -0.1 | | | | | T__ | | | | | | 6929605 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.99 | 36.4 | Pg | 12:30:36.192 | -0.1 | | | | | T__ | | | | | | 6929609 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.99 | 36.4 | Lg | 12:30:49.927 | -1.6 | | | | | T__ | | | | | | 6929608 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/06 | 04:06:29.29 | 0.65 | 0.79 | 48.4161 | 17.1432 | 2.5 | 2.5 | 174 | 1.7 | 9.1 | 61 | 33 | 32 | 0.10 | 2.32 | | ke BUD | 17002976 | BUD | | | 59 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | 0.2 | 24 BUD | 17002976 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.10 | 115.4 | Pg | 04:06:31.660 | -0.0 | | | | | T__ | | | | | | 6929970 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.10 | 115.4 | Pb | 04:06:32.127 | 0.4 | | | | | T__ | | | | | | 6929982 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.10 | 115.4 | Lg | 04:06:33.359 | -0.4 | | | | | T__ | | | | | | 6929981 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ZST | 0.22 | 187.1 | Pg | 04:06:33.958 | -0.0 | | | | | T__ | | | | | | 6929972 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.22 | 187.1 | Lg | 04:06:37.119 | -0.5 | | | | | T__ | | | | | | 6930018 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A337A | 0.46 | 111.5 | Pg | 04:06:39.026 | 0.3 | | | | | T__ | | 479.0 | | | ML | 2.3 | 6929983 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A337A | 0.46 | 111.5 | Lg | 04:06:46.426 | 0.5 | | | | | T__ | | | | | | 6930019 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.56 | 38.1 | Pg | 04:06:40.684 | -0.2 | | | | | T__ | | 142.2 | | | ML | 2.0 | 6929971 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.56 | 38.1 | Lg | 04:06:48.619 | -1.0 | | | | | T__ | | | | | | 6930020 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| A005B | 0.63 | 266.3 | Lg | 04:06:49.155 | -1.2 | | | | | T__ | | | | | | 6929984 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 0.81 | 322.8 | Pg | 04:06:45.042 | 0.2 | | | | | T__ | | 123.1 | | | ML | 2.0 | 6929973 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.81 | 322.8 | Lg | 04:06:56.158 | -0.6 | | | | | T__ | | | | | | 6930021 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.83 | 208.4 | Pg | 04:06:45.406 | -0.3 | | | | | T__ | | 107.7 | | | ML | 2.0 | 6929985 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.83 | 208.4 | Lg | 04:06:56.859 | 0.1 | | | | | T__ | | | | | | 6930022 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A338A | 0.90 | 115.9 | Lg | 04:06:59.802 | -1.8 | | | | | T__ | | | | | | 6929987 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| RONA | 0.91 | 218.7 | Pg | 04:06:47.185 | -0.3 | | | | | T__ | | 94.5 | | | ML | 2.0 | 6929986 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.91 | 218.7 | Lg | 04:07:00.117 | 0.7 | | | | | T__ | | | | | | 6930023 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | |

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|-------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| VRAC | 0.96 | 338.1 | Pg | 04:06:47.850 | 0.4 | T__ | 48.1 | ___ | ML | 1.7 | 6929976 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 0.96 | 338.1 | Lg | 04:07:00.609 | -0.9 | T__ | | --- | | | 6929988 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
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| CONA | 0.99 | 240.8 | Pg | 04:06:48.542 | -0.2 | T__ | 118.3 | ___ | ML | 2.1 | 6929979 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.99 | 240.8 | Lg | 04:07:01.273 | -0.3 | T__ | | --- | | | 6929989 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
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| SR0 | 0.99 | 127.1 | Pg | 04:06:48.711 | -0.2 | T__ | 520.0 | ___ | ML | 2.8 | 6929974 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SR0 | 0.99 | 127.1 | Sn | 04:07:02.578 | -2.1 | T__ | | --- | | | 6929991 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
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| A008A | 0.99 | 267.8 | Pg | 04:06:48.230 | -0.1 | T__ | 106.6 | ___ | ML | 2.1 | 6929978 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A008A | 0.99 | 267.8 | Lg | 04:07:01.350 | -0.6 | T__ | | --- | | | 6929990 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
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| EGYH | 1.01 | 172.7 | Pn | 04:06:50.037 | 0.5 | T__ | 263.6 | _d | ML | 2.5 | 6929977 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 1.01 | 172.7 | Lg | 04:07:03.562 | 0.1 | T__ | | --- | | | 6930024 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
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| A331A | 1.02 | 43.7 | Pg | 04:06:50.062 | 0.8 | T__ | 86.8 | ___ | ML | 2.0 | 6929993 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A331A | 1.02 | 43.7 | Lg | 04:07:03.271 | 0.2 | T__ | | --- | | | 6929992 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
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| HU08A | 1.12 | 151.7 | Pn | 04:06:51.006 | 0.0 | T__ | 122.9 | ___ | ML | 2.2 | 6929994 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 1.12 | 151.7 | Sn | 04:07:06.293 | -1.4 | T__ | | --- | | | 6929995 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
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| VYHS | 1.13 | 85.4 | Pg | 04:06:52.412 | 0.5 | T__ | 24.5 | ___ | ML | 1.5 | 6929975 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.13 | 85.4 | Lg | 04:07:06.860 | -1.3 | T__ | | --- | | | 6929996 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
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| A260A | 1.17 | 194.7 | Lg | 04:07:08.346 | 0.7 | T__ | | --- | | | 6930025 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| MPLH | 1.27 | 167.8 | Pg | 04:06:54.371 | 0.1 | T__ | 88.7 | ___ | ML | 2.2 | 6929998 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.27 | 167.8 | Sn | 04:07:11.679 | 0.2 | T__ | | --- | | | 6929997 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
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| CSKK | 1.29 | 144.1 | Pg | 04:06:54.715 | 0.1 | T__ | 124.1 | ___ | ML | 2.3 | 6930000 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 1.29 | 144.1 | Sn | 04:07:11.497 | -0.7 | T__ | | --- | | | 6929999 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
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| HU10A | 1.38 | 113.8 | Pn | 04:06:55.323 | 0.7 | T__ | 68.9 | ___ | ML | 2.1 | 6930003 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 1.38 | 113.8 | Sn | 04:07:15.594 | 1.2 | T__ | | --- | | | 6930002 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
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| MORC | 1.39 | 10.8 | Pn | 04:06:54.856 | -0.3 | T__ | 62.8 | ___ | ML | 2.1 | 6929980 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.39 | 10.8 | Lg | 04:07:13.500 | -0.6 | T__ | | --- | | | 6930001 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 1.39 | 10.8 | Sg | 04:07:14.599 | 0.5 | T__ | | --- | | | 6930026 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| A261A | 1.46 | 179.9 | Lg | 04:07:17.712 | -0.7 | T__ | | --- | | | 6930004 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| ARSA | 1.60 | 223.7 | Pg | 04:07:00.006 | -0.3 | T__ | 60.8 | ___ | ML | 2.2 | 6930006 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 1.60 | 223.7 | Sn | 04:07:19.446 | 0.4 | T__ | | --- | | | 6930005 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A262A 1.61 195.2 Lg 04:07:22.491 0.2 T__ --- 6930007 FDSN Z3 00 BUD iLoc HHN ??? _
HU03A 1.72 106.4 Sn 04:07:23.835 1.1 T__ --- 6930008 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.90 105.4 Pg 04:07:06.673 -0.5 T__ 43.9 --- ML 2.2 6930011 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.90 105.4 Sn 04:07:28.827 1.5 T__ --- 6930010 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PSZ 1.91 104.1 Pg 04:07:06.560 -0.9 T__ 51.4 --- ML 2.3 6930012 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
CKRC 1.92 283.2 Pn 04:07:01.679 -1.0 T__ 182.8 --- ML 2.8 6930028 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.92 283.2 Sn 04:07:28.022 0.8 T__ --- 6930009 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.92 283.2 Lg 04:07:31.873 -0.6 T__ --- 6930027 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
JOS 2.26 86.7 Pg 04:07:13.349 -0.3 T__ 42.7 --- ML 2.4 6930013 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 2.26 86.7 Sn 04:07:37.718 1.3 T__ --- 6930014 FDSN ZJ -- BUD iLoc HHN ??? _
JOS 2.26 86.7 Lg 04:07:44.279 -0.9 T__ --- 6930029 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
HU02A 2.28 96.2 Pg 04:07:12.606 -1.8 T__ 44.8 --- ML 2.4 6930015 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
NIE 2.31 63.1 Sn 04:07:39.067 0.1 T__ --- 6930017 FDSN PL -- BUD iLoc BHN ??? _
PRU 2.32 313.7 Pg 04:07:13.144 -0.2 T__ 58.5 --- ML 2.6 6930016 FDSN CZ -- BUD iLoc HHZ HHZ _
PRU 2.32 313.7 Lg 04:07:44.792 0.8 T__ --- 6930030 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/06 06:49:26.71 2.41 0.33 47.9408 20.4108 22.8 4.1 140 0.0f 8 5 237 0.20 0.56 sx BUD 17002978 BUD 251

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Magnitude Err Nsta Author OrigID
ML 1.0 0.1 3 BUD 17002978

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.20 22.9 Pg 06:49:31.365 0.0 T__ 141.9 --- ML 1.0 6930153 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.20 22.9 Lg 06:49:34.757 -0.4 T__ --- 6930150 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ 0.35 266.5 Lg 06:49:40.440 -0.0 T__ --- 6930151 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.37 260.5 Pg 06:49:34.923 0.1 T__ 53.1 --- ML 1.0 6930154 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.37 260.5 Lg 06:49:40.344 -0.4 T__ --- 6930152 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KECS 0.55 5.2 Lg 06:49:46.087 -0.1 T__ --- 6930155 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.56 8.8 Pg 06:49:38.439 0.4 T__ 58.5 --- ML 1.6 6930149 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.56 8.8 Lg 06:49:46.419 -0.3 T__ --- 6930148 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/06 | 06:54:57.65 | 2.68 | 0.96 | 48.0357 | 20.6799 | 18.2 | 5.0 | 120 | 0.0f | 10 | 5 | 265 | 0.14 | 0.57 | sx | BUD | 17002980 | BUD | | | | 270 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.0 | 5 BUD | 17002980 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.14 | 309.9 | Pg | 06:55:01.960 | 0.9 | | | | | T__ | | 890.6 | | --- | ML | 1.6 | 6930184 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.14 | 309.9 | Lg | 06:55:03.802 | -0.1 | | | | | T__ | | | | --- | | 6930185 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.47 | 343.9 | Pg | 06:55:07.757 | 0.6 | | | | | T__ | | 205.6 | | --- | ML | 1.9 | 6930187 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.47 | 343.9 | Lg | 06:55:13.019 | -1.4 | | | | | T__ | | | | --- | | 6930186 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.47 | 348.5 | Pg | 06:55:07.472 | 0.3 | | | | | T__ | | 81.4 | | --- | ML | 1.5 | 6930188 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.47 | 348.5 | Lg | 06:55:13.252 | -1.2 | | | | | T__ | | | | --- | | 6930183 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.54 | 257.7 | Pg | 06:55:09.672 | 0.3 | | | | | T__ | | 63.9 | | --- | ML | 1.6 | 6930190 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.54 | 257.7 | Lg | 06:55:16.928 | -1.1 | | | | | T__ | | | | --- | | 6930189 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.57 | 254.2 | Pg | 06:55:09.962 | 0.2 | | | | | T__ | | 53.4 | | --- | ML | 1.5 | 6930192 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.57 | 254.2 | Lg | 06:55:17.716 | -0.7 | | | | | T__ | | | | --- | | 6930191 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/06 | 07:21:49.54 | 0.93 | 1.03 | 47.0765 | 18.0345 | 5.5 | 3.3 | 111 | 0.0f | 10 | 8 | 84 | 0.20 | 0.96 | sx | BUD | 17002982 | BUD | | | | 139 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TIH | 0.20 | 208.8 | Pg | 07:21:54.743 | 0.6 | | | | | T__ | | 745.5 | | --- | ML | 1.7 | 6930237 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 0.20 | 208.8 | Lg | 07:21:57.235 | -0.6 | | | | | T__ | | | | --- | | 6930236 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.26 | 28.0 | Lg | 07:21:59.522 | -0.7 | | | | | T__ | | | | --- | | 6930244 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| MSW3 | 0.31 | 11.5 | Lg | 07:22:01.502 | -0.6 | | | | | T__ | | | | --- | | 6930245 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| CSKK | 0.33 | 28.2 | Pg | 07:21:57.512 | 1.0 | | | | | T__ | | 155.5 | | --- | ML | 1.4 | 6930238 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.33 | 28.2 | Lg | 07:22:01.409 | -1.2 | | | | | T__ | | | | --- | | 6930241 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A267A | 0.33 | 112.9 | Lg | 07:22:01.630 | -0.9 | | | | | T__ | | | | --- | | 6930240 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| MPLH | 0.35 | 285.7 | Lg | 07:22:02.109 | -0.9 | | | | | T__ | | | | --- | | 6930239 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| HU08A | 0.36 | 348.1 | Lg | 07:22:02.683 | -1.0 | | | | | T__ | | | | --- | | 6930242 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| MORH | 0.96 | 153.8 | Lg | 07:22:21.901 | -0.9 | | | | | T__ | | | | --- | | 6930243 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/06 | 07:42:27.95 | 0.88 | 1.18 | 48.6656 | 18.3727 | 7.1 | 3.8 | 39 | 0.0f | 16 | 10 | 116 | 0.35 | 1.53 | sx | BUD | 17002984 | BUD | | | | 160 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.0 | 6 BUD | 17002984 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VVHS | 0.35 | 119.0 | Pg | 07:42:35.685 | 0.4 | | | | | T__ | | 67.8 | | ___ | ML | 1.1 | 6930284 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VVHS | 0.35 | 119.0 | Lg | 07:42:40.033 | -0.6 | | | | | T__ | | | | --- | | 6930279 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| A331A | 0.50 | 348.4 | Lg | 07:42:44.098 | -0.6 | | | | | T__ | | | | --- | | 6930294 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| JAVC | 0.50 | 292.9 | Lg | 07:42:45.824 | -0.8 | | | | | T__ | | | | --- | | 6930285 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | |
| MODS | 0.78 | 248.5 | Lg | 07:42:55.847 | -0.2 | | | | | T__ | | | | --- | | 6930286 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| HU03A | 1.12 | 132.5 | Pn | 07:42:50.049 | 0.1 | | | | | T__ | 92.2 | | | ___ | ML | 2.1 | 6930281 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 1.12 | 132.5 | Sn | 07:43:04.781 | -2.6 | | | | | T__ | | | | --- | | 6930280 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| MORC | 1.24 | 334.2 | Pg | 07:42:51.603 | 0.6 | | | | | T__ | | 53.6 | | ___ | ML | 1.9 | 6930287 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.24 | 334.2 | Lg | 07:43:07.927 | -0.3 | | | | | T__ | | | | --- | | 6930283 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.26 | 125.8 | Pn | 07:42:51.547 | -0.6 | | | | | T__ | | 52.6 | | ___ | ML | 1.9 | 6930282 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.26 | 125.8 | Sn | 07:43:09.436 | -2.0 | | | | | T__ | | | | --- | | 6930288 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.27 | 127.6 | Sn | 07:43:10.033 | -1.2 | | | | | T__ | | | | --- | | 6930289 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| JOS | 1.45 | 95.9 | Pn | 07:42:54.985 | 0.4 | | | | | T__ | 40.8 | | | ___ | ML | 1.9 | 6930291 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.45 | 95.9 | Sn | 07:43:14.037 | -1.6 | | | | | T__ | | | | --- | | 6930290 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.53 | 110.0 | Pn | 07:42:56.158 | 0.3 | | | | | T__ | 33.5 | | | ___ | ML | 1.9 | 6930292 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.53 | 110.0 | Sn | 07:43:17.094 | -0.8 | | | | | T__ | | | | --- | | 6930293 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/10/06 | 08:05:35.62 | 0.95 | 0.92 | 48.9101 | 19.7836 | 5.1 | 4.1 | 125 | 0.0f | 12 | 8 | 156 | 0.61 | 1.18 | sx | BUD | 17002988 | BUD | | | | | 252 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.4 | 4 BUD | 17002988 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| NIE | 0.61 | 33.5 | Pg | 08:05:47.540 | 0.3 | | | | | T__ | | 21.6 | | ___ | ML | 1.2 | 6930373 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.61 | 33.5 | Lg | 08:05:55.126 | -0.8 | | | | | T__ | | | | --- | | 6930371 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.63 | 132.3 | Pg | 08:05:49.487 | 1.3 | | | | | T__ | 126.0 | | | ___ | ML | 2.0 | 6930375 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.63 | 132.3 | Lg | 08:05:57.262 | -0.4 | | | | | T__ | | | | --- | | 6930374 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.65 | 129.3 | Lg | 08:05:57.769 | -0.5 | | | | | T__ | | | | --- | | 6930376 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| VYHS | 0.75 | 236.8 | Pg | 08:05:51.332 | 0.5 | T__ | 14.4 | --- | ML | 1.1 | 6930377 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.75 | 236.8 | Lg | 08:06:01.550 | -0.2 | T__ | | --- | | | 6930372 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.93 | 147.7 | Pg | 08:05:54.516 | -0.2 | T__ | 42.4 | --- | ML | 1.6 | 6930378 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.93 | 147.7 | Lg | 08:06:07.310 | -0.9 | T__ | | --- | | | 6930379 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.00 | 175.7 | Lg | 08:06:09.969 | -1.2 | T__ | | --- | | | 6930370 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 1.03 | 176.7 | Lg | 08:06:11.250 | -0.8 | T__ | | --- | | | 6930380 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU10A | 1.18 | 205.9 | Sn | 08:06:15.306 | -1.2 | T__ | | --- | | | 6930381 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|---------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/10/06 | 08:19:16.40 | 1.00 | 0.93 | 47.3381 | 17.6619 | 6.0 | 4.7 | 149 | 0.0f | | 8 | 6 | 126 | 0.19 | 1.29 | kx | BUD | 17002992 | BUD | | | 144 |
| 2021/10/06 | 08:19:16.49 | 0.98 | 0.93 | 47.3300 | 17.6350f | | | | 0.0f | | 8 | 6 | 125 | 0.17 | 1.28 | kx | BUD_GT | 17002993 | BUD_GT | | | 139 |
| (locality : Ugod Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MPLH | 0.17 | 202.2 | Pg | 08:19:21.308 | 0.7 | | | | | T__ | | 326.3 | | --- | ML | 1.3 | 6930470 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.17 | 202.2 | Lg | 08:19:23.302 | -0.7 | | | | | T__ | | | | --- | | 6930471 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.22 | 62.6 | Lg | 08:19:24.735 | -1.0 | | | | | T__ | | | | --- | | 6930473 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| EGYH | 0.22 | 293.0 | Lg | 08:19:24.723 | -1.0 | | | | | T__ | | | | --- | | 6930472 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.59 | 58.4 | Lg | 08:19:37.218 | -1.5 | | | | | T__ | | | | --- | | 6930474 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.98 | 292.7 | Pn | 08:19:36.689 | -0.1 | | | | | T__ | | 53.5 | | --- | ML | 1.8 | 6930476 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.98 | 292.7 | Lg | 08:19:49.815 | 0.8 | | | | | T__ | | | | --- | | 6930475 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.28 | 165.4 | Sn | 08:19:59.080 | 0.1 | | | | | T__ | | | | --- | | 6930477 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/10/06 | 16:42:45.70 | 1.13 | 0.85 | 48.6756 | 18.5970 | 8.6 | 4.1 | 41 | 17.4 | 12.6 | 11 | 7 | 125 | 0.24 | 1.30 | ke | BUD | 17002996 | BUD | | | | 167 |

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 6 BUD 17002996

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.24 | 138.8 | Pg | 16:42:51.907 | 0.3 | | | | | T__ | | 25.3 | | --- | ML | 0.4 | 6930644 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.24 | 138.8 | Lg | 16:42:55.552 | -0.3 | | | | | T__ | | | | --- | | 6930645 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A331A | 0.54 | 332.6 | Pg | 16:42:56.933 | 0.4 | | | | | T__ | | 72.5 | | --- | ML | 1.6 | 6930646 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.64 | 287.0 | Pg | 16:42:59.196 | 0.2 | | | | | T__ | | 92.4 | | _d | ML | 1.8 | 6930648 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.64 | 287.0 | Lg | 16:43:08.173 | -0.7 | | | | | T__ | | | | --- | | 6930647 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.88 161.1 Pg 16:43:03.762 0.2 T__ 96.0 ___ ML 2.0 6930649 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KECS 1.27 98.0 Sn 16:43:26.051 0.5 T__
MORC 1.30 328.3 Pn 16:43:09.986 1.4 T__ 62.0 ___ ML 2.0 6930654 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.30 328.3 Lg 16:43:27.163 -0.7 T__ ___ 6930652 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 1.30 97.2 Pg 16:43:10.943 -0.4 T__ 44.3 ___ ML 1.9 6930653 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.30 97.2 Sn 16:43:27.470 1.2 T__ ___ 6930651 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/07 | 03:38:18.46 | 1.63 | 0.61 | 48.7888 | 20.2736 | 28.9 | 5.7 | 79 | 10.0f | 7 | 4 | 195 | 0.34 | 0.69 | ke | BUD | 17002998 | BUD | | | | 343 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.2 | 3 BUD | 17002998 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.34 | 155.2 | Pg | 03:38:25.742 | 0.3 | | | | | T__ | | 125.7 | | ___ | ML | 1.3 | 6930751 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.34 | 155.2 | Lg | 03:38:30.298 | -0.4 | | | | | T__ | | | | --- | | 6930750 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.34 | 148.9 | Pg | 03:38:25.896 | 0.4 | | | | | T__ | | 49.8 | | _c_ | ML | 0.9 | 6930748 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.34 | 148.9 | Lg | 03:38:30.624 | -0.2 | | | | | T__ | | | | --- | | 6930749 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.63 | 1.5 | Lg | 03:38:38.881 | -0.4 | | | | | T__ | | | | --- | | 6930752 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU02A | 0.69 | 165.8 | Pg | 03:38:33.153 | 0.5 | | | | | T__ | | 40.9 | | --- | ML | 1.5 | 6930747 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.69 | 165.8 | Lg | 03:38:41.969 | -0.8 | | | | | T__ | | | | --- | | 6930753 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/10/07 | 06:57:59.36 | 1.47 | 0.80 | 47.8922 | 20.0748 | 13.2 | 3.2 | 158 | 0.0f | 13 | 7 | 212 | 0.12 | 1.02 | sx | BUD | 17003000 | BUD | | | | | 237 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 6 BUD | 17003000 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.12 | 282.2 | Pg | 06:58:03.043 | 0.4 | | | | | T__ | | 559.3 | | _c_ | ML | 1.4 | 6930817 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.12 | 282.2 | Lg | 06:58:04.472 | -1.0 | | | | | T__ | | | | --- | | 6930818 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.14 | 264.6 | Pg | 06:58:03.339 | 0.6 | | | | | T__ | | 312.8 | | --- | ML | 1.2 | 6930819 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.14 | 264.6 | Lg | 06:58:05.300 | -0.2 | | | | | T__ | | | | --- | | 6930821 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.2 magdef=0
HU03A 0.32 272.2 Lg 06:58:10.901 -0.7 T__
HU02A 0.38 52.6 Pg 06:58:07.830 0.2 T__ 84.7 --- ML 1.3 6930824 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.38 52.6 Lg 06:58:12.830 -1.2 T__ --- 6930823 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.65 24.8 Pg 06:58:13.585 1.1 T__ 130.1 --- ML 2.0 6930826 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.65 24.8 Lg 06:58:22.085 -0.4 T__ --- 6930825 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 0.68 27.1 Pg 06:58:13.858 0.9 T__ 75.2 --- ML 1.8 6930828 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 27.1 Lg 06:58:22.983 -0.4 T__ --- 6930827 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 1.02 306.5 Pn 06:58:19.648 -0.4 T__ 22.4 --- ML 1.4 6930820 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.02 306.5 Lg 06:58:34.335 -0.7 T__ --- 6930829 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/07 07:12:52.17 0.99 1.32 48.0559 21.3332 9.0 3.8 11 0.0f 13 7 159 0.40 1.08 sx BUD 17003002 BUD 225

```

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 5 BUD 17003002

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU07A 0.40 100.6 Pg 07:13:00.806 0.3 T__ 977.0 --- ML 2.4 6930899 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU07A 0.40 100.6 Lg 07:13:06.806 -1.0 T__ --- 6930898 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
HU02A 0.55 277.3 Pg 07:13:04.140 0.4 T__ 58.5 --- ML 1.6 6930895 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.55 277.3 Lg 07:13:11.640 -0.9 T__ --- 6930900 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
JOS 0.69 310.0 Pg 07:13:06.296 0.3 T__ 50.7 --- ML 1.6 6930896 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.69 310.0 Lg 07:13:15.421 -1.0 T__ --- 6930901 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.71 307.4 Pg 07:13:07.031 0.6 T__ 123.2 --- ML 2.0 6930903 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.71 307.4 Lg 07:13:16.218 -0.9 T__ --- 6930902 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.98 262.4 Pn 07:13:13.163 1.0 T__ 59.5 --- ML 1.8 6930905 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.98 262.4 Lg 07:13:26.600 -0.8 T__ --- 6930904 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 1.00 260.3 Lg 07:13:27.445 -0.3 T__ 6930907 FDSN HU -- BUD iLoc HHN ??? _
KOLS 1.08 35.1 Pg 07:13:13.648 0.9 T__ 6930897 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.08 35.1 Lg 07:13:26.836 -3.2 T__ 6930906 FDSN SK -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/10/07 | 09:06:10.95 | 1.39 | 2.15 | 47.2345 | 18.2263 | 12.0 | 7.2 | 74 | 0.0f | 4 | 3 | 153 | 0.13 | 1.06 | kx | BUD | 17003004 | BUD | | | | 303 |
| 2021/10/07 | 09:06:10.77 | 1.07 | 1.38 | 47.2302 | 18.2835f | | | | 0.0f | 4 | 3 | 172 | 0.13 | 1.05 | kx | BUD_GT | 17003005 | BUD_GT | | | | 316 |

(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.13 | 353.3 | Pg | 09:06:14.978 | 0.9 | | | | | T__ | | 227.3 | | ___ | ML | 1.0 | 6930990 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 353.3 | Lg | 09:06:15.712 | -1.5 | | | | | T__ | | | | --- | | 6930991 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.32 | 309.6 | Lg | 09:06:21.740 | -1.6 | | | | | T__ | | | | --- | | 6930992 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.05 | 166.2 | Lg | 09:06:46.435 | -0.4 | | | | | T__ | | | | --- | | 6930993 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/07 | 09:49:19.83 | 1.05 | 0.84 | 48.3414 | 19.8633 | 5.9 | 4.0 | 136 | 0.0f | 11 | 6 | 147 | 0.42 | 0.70 | sx | BUD | 17003006 | BUD | | | | 251 |

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 5 BUD 17003006

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.42 | 177.2 | Pg | 09:49:29.566 | 0.4 | | | | | T__ | | 123.1 | | ___ | ML | 1.6 | 6931065 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.42 | 177.2 | Lg | 09:49:35.371 | -0.7 | | | | | T__ | | | | --- | | 6931066 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.44 | 70.9 | Pg | 09:49:29.457 | 0.7 | | | | | T__ | | 148.3 | | ___ | ML | 1.7 | 6931059 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.44 | 70.9 | Lg | 09:49:34.717 | -0.8 | | | | | T__ | | | | --- | | 6931060 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.46 | 179.3 | Pg | 09:49:30.392 | 0.6 | | | | | T__ | | 66.3 | | ___ | ML | 1.4 | 6931063 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.46 | 179.3 | Lg | 09:49:36.624 | -0.3 | | | | | T__ | | | | --- | | 6931062 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.48 | 70.8 | Pg | 09:49:29.992 | 0.6 | | | | | T__ | | 76.1 | | _c_ | ML | 1.5 | 6931061 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.48 | 70.8 | Lg | 09:49:36.023 | -0.8 | | | | | T__ | | | | --- | | 6931067 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.49 | 116.1 | Pg | 09:49:30.997 | 0.7 | | | | | T__ | | 74.7 | | ___ | ML | 1.5 | 6931058 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.49 | 116.1 | Lg | 09:49:37.150 | -1.2 | | | | | T__ | | | | --- | | 6931068 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.70 | 283.0 | Lg | 09:49:43.624 | -0.8 | | | | | T__ | | | | --- | | 6931064 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/07 | 10:24:59.25 | 0.98 | 0.94 | 48.8076 | 21.6035 | 8.9 | 3.8 | 165 | 0.0f | 16 | 10 | 94 | 0.46 | 1.48 | sx | BUD | 17003008 | BUD | | | | 154 |

Magnitude Err Nsta Author OrigID
ML 2.0 0.1 5 BUD 17003008

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| KOLS | 0.46 | 73.9 | Pg | 10:25:08.887 | 0.7 | | | | | T__ | | | | | | 6931302 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KOLS | 0.46 | 73.9 | Lg | 10:25:14.468 | -1.4 | | | | | T__ | | | | | | 6931303 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| HOLU | 0.59 | 118.2 | Pg | 10:25:11.041 | 0.3 | | | | | T__ | | | | | | 6931300 | FDSN | UA | -- | BUD | iLoc | MHZ | ??? | _ |
| HOLU | 0.59 | 118.2 | Lg | 10:25:19.949 | -0.7 | | | | | T__ | | | | | | 6931304 | FDSN | UA | -- | BUD | iLoc | MHZ | ??? | _ |
| JOS | 0.77 | 246.5 | Pg | 10:25:15.373 | 0.8 | | | | | T__ | | 108.4 | | | | 6931305 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.77 | 246.5 | Lg | 10:25:25.424 | -0.6 | | | | | T__ | | | | | | 6931296 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.81 | 246.8 | Pg | 10:25:15.519 | 0.2 | | | | | T__ | | 191.1 | | | | 6931297 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.81 | 246.8 | Lg | 10:25:26.279 | -1.1 | | | | | T__ | | | | | | 6931298 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.92 | 137.1 | Pg | 10:25:17.938 | 0.9 | | | | | T__ | | 98.6 | | | | 6931306 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.92 | 137.1 | Lg | 10:25:30.710 | -1.2 | | | | | T__ | | | | | | 6931307 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.99 | 226.7 | Pn | 10:25:19.692 | 0.2 | | | | | T__ | | 117.6 | | | | 6931299 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.99 | 226.7 | Lg | 10:25:33.224 | -1.3 | | | | | T__ | | | | | | 6931308 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.05 | 306.0 | Pn | 10:25:20.595 | 0.1 | | | | | T__ | | 58.2 | | | | 6931301 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KWP | 1.10 | 40.9 | Lg | 10:25:34.682 | -1.4 | | | | | T__ | | | | | | 6931309 | FDSN | PL | -- | BUD | iLoc | HHN | ??? | _ |
| PSZ | 1.45 | 232.7 | Sn | 10:25:46.498 | -0.5 | | | | | T__ | | | | | | 6931310 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 1.48 | 231.8 | Sn | 10:25:47.906 | 0.5 | | | | | T__ | | | | | | 6931311 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/08 | 06:25:38.38 | 0.92 | 1.13 | 47.3973 | 18.4014 | 4.2 | 3.5 | 127 | 0.0f | | 21 | 16 | 108 | 0.10 | 1.33 | sx | BUD | 17003010 | BUD | | | 109 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.0 | 5 BUD | 17003010 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| MSW1 | 0.10 | 267.4 | Pg | 06:25:42.267 | 1.3 | | | | | T__ | | 935.6 | | | | 6931649 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.10 | 267.4 | Lg | 06:25:43.491 | 0.0 | | | | | T__ | | | | | | 6931650 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.10 | 250.4 | Pg | 06:25:42.005 | 0.9 | | | | | T__ | | 1891.0 | | | | 6931633 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.10 | 250.4 | Lg | 06:25:42.833 | -0.8 | | | | | T__ | | | | | | 6931634 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.16 | 233.8 | Pg | 06:25:42.961 | 0.8 | | | | | T__ | | 268.7 | | | | 6931652 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.16 | 233.8 | Lg | 06:25:44.633 | -1.0 | | | | | T__ | | | | | | 6931651 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.19 | 265.8 | Lg | 06:25:45.245 | -1.3 | | | | | T__ | | | | | | 6931653 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| HU09A | 0.24 | 356.9 | Lg | 06:25:47.669 | -0.7 | | | | | T__ | | | | | | 6931635 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU08A | 0.33 | 276.2 | Lg | 06:25:49.351 | -1.8 | | | | | T__ | | | | | | 6931636 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| A267A | 0.45 | 173.0 | Pg | 06:25:48.748 | 1.0 | | | | | T__ | | 233.8 | | | | 6931638 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |

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A267A  0.45 173.0 Lg      06:25:54.248 -1.2      T__          ---          6931637      FDSN Z3      00 BUD      iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
HU10A  0.61 42.7 Lg       06:26:00.168 -1.1      T__          ---          6931640      FDSN ZJ      00 BUD      iLoc HHN ??? _
MPLH   0.63 249.1 Lg     06:25:59.426 -1.5      T__          ---          6931639      FDSN HU      -- BUD      iLoc HHN ??? _
A266A  0.88 186.2 Lg     06:26:08.229 -0.5      T__          ---          6931641      FDSN Z3      00 BUD      iLoc HHN ??? _
ET1H   1.10 63.6 Sn       06:26:16.454 -0.7      T__          ---          6931642      FDSN HU      -- BUD      iLoc HHN ??? _
VYHS   1.14 14.8 Pn     06:26:01.192  0.5      T__          24.0 --- ML      1.5 6931644      FDSN SK      -- BUD      iLoc HHZ HHZ _
VYHS   1.14 14.8 Lg     06:26:17.067 -0.9      T__          ---          6931643      FDSN SK      -- BUD      iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ    1.14 62.1 Sn       06:26:17.383 -1.0      T__          ---          6931645      FDSN GE      -- BUD      iLoc HHN ??? _
MORH   1.19 171.9 Sn     06:26:18.196 -0.8      T__          ---          6931646      FDSN HU      -- BUD      iLoc HHN ??? _
MODS   1.24 322.7 Sn     06:26:19.084 -1.8      T__          ---          6931647      FDSN SK      -- BUD      iLoc HHN ??? _
KOVH   1.33 189.1 Sn     06:26:21.955 -0.3      T__          ---          6931648      FDSN HU      -- BUD      iLoc HHN ??? _

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/08 07:17:44.15 4.24 0.71 46.8205 22.7935 38.4 9.3 5 0.0f 8 4 270 0.06 1.53 sx BUD 17003012 BUD 298

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Magnitude Err Nsta Author OrigID
ML 2.0 0.2 4 BUD 17003012

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.06 243.0 Pg 07:17:45.867 0.0 T__ 365.6 --- ML 1.0 6931706 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.06 243.0 Lg 07:17:47.477 0.0 T__ --- 6931707 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
GZR 1.43 180.5 Pn 07:18:10.394 -0.4 T__ 57.8 --- ML 2.1 6931709 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.43 180.5 Sn 07:18:30.581 -0.5 T__ --- 6931708 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
BZS 1.46 214.6 Pn 07:18:10.774 -0.1 T__ 51.5 --- ML 2.0 6931710 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.46 214.6 Sn 07:18:31.149 -0.1 T__ --- 6931711 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
LOT 1.53 153.3 Pg 07:18:13.446 0.2 T__ 100.3 --- ML 2.4 6931713 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.53 153.3 Sn 07:18:32.759 -1.4 T__ --- 6931712 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/08 07:20:37.42 0.89 1.27 48.4173 17.3028 5.1 3.1 114 0.0f 11 7 73 0.05 1.08 sx BUD 17003014 BUD 145

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 3 BUD 17003014

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.05 201.2 Pg 07:20:39.610 0.6 T__ _c_ 6931765 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.05 201.2 Lg 07:20:40.297 -0.4 T__ --- 6931770 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.51 28.8 Pg 07:20:48.802 0.8 T__ 84.7 --- ML 1.6 6931766 FDSN CZ -- BUD iLoc HHZ HHZ _

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| | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|----|--------------|------|-----|--|-------|--|----|-----|---------|------|---------|------|-----|------|-----|------|-----|-----|---|
| JAVC | 0.51 | 28.8 | Lg | 07:20:54.615 | -1.6 | T__ | | | | | | | | 6931771 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.88 | 317.4 | Pg | 07:20:55.755 | 1.4 | T__ | | 52.8 | | ML | 1.7 | 6931774 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| KRUC | 0.88 | 317.4 | Lg | 07:21:05.376 | -2.0 | T__ | | | | | | | | 6931775 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.99 | 223.6 | Pg | 07:20:57.633 | 0.7 | T__ | | 103.8 | | ML | 2.1 | 6931767 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| RONA | 0.99 | 223.6 | Lg | 07:21:09.352 | -0.5 | T__ | | | | | | | | 6931772 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.02 | 85.1 | Lg | 07:21:12.776 | -0.1 | T__ | | | | | | | | 6931768 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| HU08A | 1.07 | 156.8 | Lg | 07:21:13.822 | -1.4 | T__ | | | | | | | | 6931769 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| CONA | 1.08 | 243.6 | Lg | 07:21:11.911 | -0.9 | T__ | | | | | | | | 6931773 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/10/08 | 07:57:17.32 | 3.38 | 0.18 | 48.4675 | 20.7101 | 21.7 | 8.0 | 70 | 0.0f | | 6 | 4 | 275 | 0.12 | 0.77 | sx | BUD | 17003016 | BUD | | | 301 |

Magnitude Err Nsta Author OrigID

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| JOS | 0.12 | 284.1 | Pg | 07:57:19.867 | -0.0 | | | | | T__ | | 184.1 | | | ML | 0.9 | 6931797 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.12 | 284.1 | Lg | 07:57:22.085 | 0.1 | | | | | T__ | | | | | | 6931798 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.15 | 276.1 | Pg | 07:57:20.539 | -0.0 | | | | | T__ | | 309.9 | | | ML | 1.2 | 6931800 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.15 | 276.1 | Lg | 07:57:23.273 | 0.1 | | | | | T__ | | | | | | 6931799 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.37 | 199.7 | Lg | 07:57:31.570 | 0.2 | | | | | T__ | | | | | | 6931801 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.77 | 225.1 | Lg | 07:57:45.295 | -0.2 | | | | | T__ | | | | | | 6931802 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
| 2021/10/08 | 09:00:34.60 | 0.89 | 1.30 | 48.9872 | 20.2466 | 7.9 | 3.6 | 84 | 0.0f | | 15 | 9 | 97 | 0.43 | 1.70 | sx | BUD | 17003018 | BUD | | | | | 184 |

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 6 BUD 17003018

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| NIE | 0.43 | 4.6 | Pg | 09:00:43.427 | 0.6 | | | | | T__ | | 63.5 | | | ML | 1.3 | 6931836 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.43 | 4.6 | Lg | 09:00:48.365 | -0.7 | | | | | T__ | | | | | | 6931835 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| | (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 158.4 | Pg | 09:00:45.870 | 0.7 | | | | | T__ | | 120.3 | | | ML | 1.8 | 6931839 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 158.4 | Lg | 09:00:52.527 | -0.6 | | | | | T__ | | | | | | 6931840 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.53 | 162.5 | Pg | 09:00:45.990 | 0.8 | | | | | T__ | | 212.4 | | | ML | 2.1 | 6931834 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.53 | 162.5 | Lg | 09:00:53.115 | -0.0 | | | | | T__ | | | | | | 6931846 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 2.1 magdef=0
HU02A 0.89 167.8 Pg 09:00:53.444 0.7 T__ 50.2 --- ML 1.7 6931837 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.89 167.8 Lg 09:01:04.350 -2.0 T__ --- 6931841 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 1.06 242.7 Pn 09:00:55.988 0.1 T__ 18.2 --- ML 1.3 6931847 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.06 242.7 Lg 09:01:10.988 0.0 T__ --- 6931842 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 1.09 192.5 Pn 09:00:56.984 0.5 T__ 77.4 --- ML 2.0 6931844 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.09 192.5 Lg 09:01:11.422 -2.2 T__ --- 6931843 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 1.14 192.8 Lg 09:01:12.671 -1.9 T__ --- 6931845 FDSN HU -- BUD iLoc HHN ??? _
KOLS 1.34 91.5 Lg 09:01:18.570 -0.6 T__ --- 6931838 FDSN SK -- BUD iLoc HHN ??? _
JAVC 1.70 266.7 Sn 09:01:32.166 2.1 T__ --- 6931848 FDSN CZ -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/08 09:10:00.80 0.96 0.76 46.1811 18.2806 7.3 3.4 155 0.0f 8 6 148 0.16 0.69 kx BUD 17003020 BUD 232
2021/10/08 09:10:00.77 0.95 0.70 46.1765 18.2926f 0.0f 8 6 151 0.16 0.70 kx BUD_GT 17003021 BUD_GT 235
(locality : Komló Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 09:10:05.027 0.4 T__ 634.1 --- ML 1.5 6931877 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 09:10:06.840 -0.9 T__ --- 6931880 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.25 80.9 Pg 09:10:06.958 0.7 T__ 242.1 --- ML 1.4 6931879 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 09:10:10.021 -0.7 T__ --- 6931881 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A266A 0.35 356.8 Lg 09:10:13.399 -0.8 T__ --- 6931882 FDSN Z3 00 BUD iLoc HHN ??? _
A273A 0.42 232.1 Lg 09:10:14.896 -0.8 T__ --- 6931878 FDSN Z3 00 BUD iLoc HHN ??? _
A265A 0.42 305.9 Lg 09:10:15.733 -0.6 T__ --- 6931883 FDSN Z3 00 BUD iLoc HHN ??? _
A264A 0.70 269.0 Lg 09:10:24.488 -0.3 T__ --- 6931884 FDSN Z3 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/08 09:23:57.10 3.11 1.13 48.0556 20.6617 20.7 6.2 127 0.0f 8 5 262 0.11 0.56 kx BUD 17003022 BUD 267
2021/10/08 09:23:56.98 0.97 1.29 48.0750 20.6990f 0.0f 8 5 265 0.13 0.59 kx BUD_GT 17003023 BUD_GT 270
(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 3 BUD_GT 17003023

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.13 292.1 Pg 09:24:00.939 0.8 T__ 762.2 --- ML 1.5 6931925 FDSN ZJ 00 BUD iLoc HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| HU02A | 0.13 | 292.1 | Lg | 09:24:02.579 | -0.3 | T__ | --- | 6931926 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.43 | 340.8 | Pg | 09:24:06.289 | 0.5 | T__ | 114.7 | --- | ML | 1.6 | 6931928 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.43 | 340.8 | Lg | 09:24:12.102 | -0.5 | T__ | --- | --- | --- | 6931927 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JOS | 0.43 | 345.9 | Pg | 09:24:06.644 | 0.8 | T__ | 57.1 | --- | ML | 1.3 | 6931930 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.43 | 345.9 | Lg | 09:24:12.207 | -0.4 | T__ | --- | --- | --- | 6931929 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.56 | 254.1 | Lg | 09:24:15.871 | -2.2 | T__ | --- | --- | --- | 6931931 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.59 | 250.9 | Lg | 09:24:16.334 | -2.2 | T__ | --- | --- | --- | 6931932 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|-----------------------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/10/08 | 09:29:02.02 | 0.85 | 1.60 | 48.1937 | 21.2219 | 6.7 | 3.5 | 17 | 0.0f | 25 | 15 | 69 | 0.47 | 1.95 | kx | BUD | 17003024 | BUD | | | | 103 |
| 2021/10/08 | 09:29:01.67 | 0.85 | 1.26 | 48.2470 | 21.2460f | | | | 0.0f | 25 | 15 | 72 | 0.50 | 2.00 | kx | BUD_GT | 17003025 | BUD_GT | | | | 106 |
| (locality : Tallya Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|-----------|----------|
| ML | 2.0 | 0.2 | 10 BUD_GT | 17003025 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.50 | 255.8 | Pg | 09:29:12.575 | 0.3 | | | | | T__ | | 130.0 | | --- | ML | 1.8 | 6931987 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 09:29:18.888 | -1.5 | | | | | T__ | | | | --- | --- | 6931988 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 0.52 | 120.5 | Pg | 09:29:12.936 | 0.6 | | | | | T__ | | 446.8 | | --- | ML | 2.4 | 6931990 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU07A | 0.52 | 120.5 | Lg | 09:29:20.123 | -1.5 | | | | | T__ | | | | --- | --- | 6931989 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 09:29:13.597 | 1.2 | | | | | T__ | | 162.7 | | --- | ML | 2.0 | 6931991 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 09:29:20.409 | -0.2 | | | | | T__ | | | | --- | --- | 6931981 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 09:29:14.607 | 1.7 | | | | | T__ | | 287.5 | | --- | ML | 2.3 | 6931982 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 09:29:21.139 | -0.4 | | | | | T__ | | | | --- | --- | 6931992 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.70 | 186.1 | Lg | 09:29:25.239 | -2.7 | | | | | T__ | | | | --- | --- | 6931993 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| TRPA | 0.87 | 97.2 | Pn | 09:29:20.416 | 0.4 | | | | | T__ | | 208.4 | | --- | ML | 2.3 | 6931986 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 09:29:31.354 | -1.8 | | | | | T__ | | | | --- | --- | 6931994 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 09:29:21.300 | -0.2 | | | | | T__ | | 104.0 | | --- | ML | 2.1 | 6931996 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 09:29:34.112 | -2.3 | | | | | T__ | | | | --- | --- | 6931995 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 09:29:22.756 | 1.2 | | | | | T__ | | | | --- | --- | 6931985 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.97 | 44.4 | Lg | 09:29:34.631 | -1.3 | | | | | T__ | | | | --- | --- | 6931997 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.99 | 248.7 | Pg | 09:29:23.328 | 0.9 | | | | | T__ | | 64.8 | | --- | ML | 1.9 | 6931983 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| ET1H | 0.99 | 248.7 | Lg | 09:29:34.390 | -2.6 | T__ | --- | 6931984 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 1.33 | 332.3 | Lg | 09:29:45.642 | -0.6 | T__ | --- | 6931998 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | | | |
| HU01A | 1.42 | 231.1 | Sn | 09:29:47.639 | -0.0 | T__ | --- | 6931999 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| MEZ | 1.54 | 79.1 | Sn | 09:29:51.306 | -0.7 | T__ | --- | 6932000 | FDSN | UA | -- | BUD | iLoc | BHN | ??? | _ | | | |
| VYHS | 1.63 | 279.6 | Pg | 09:29:34.038 | -0.3 | T__ | 17.1 | --- | ML | 1.6 | 6932002 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.63 | 279.6 | Sn | 09:29:53.850 | 0.4 | T__ | --- | 6932001 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| DRGR | 1.76 | 145.2 | Pn | 09:29:33.807 | 1.1 | T__ | 54.4 | --- | ML | 2.2 | 6932003 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 1.76 | 145.2 | Sn | 09:29:57.120 | 0.4 | T__ | --- | 6932004 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SIRR | 2.00 | 171.8 | Pg | 09:29:41.258 | -0.0 | T__ | 24.9 | --- | ML | 2.0 | 6932005 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/08 | 10:00:22.57 | 0.98 | 0.80 | 48.1317 | 16.9525 | 10.8 | 4.0 | 135 | 0.0f | 7 | 4 | 168 | 0.12 | 1.00 | sx | BUD | 17003026 | BUD | | | 281 | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| ZST | 0.12 | 57.3 | Pg | 10:00:26.140 | 0.6 | | | | | T__ | | | | | | 6932106 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| ZST | 0.12 | 57.3 | Lg | 10:00:28.116 | -0.1 | | | | | T__ | | | | | | 6932105 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| MODS | 0.33 | 41.8 | Pg | 10:00:29.703 | 0.0 | | | | | T__ | | | | | | 6932103 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| MODS | 0.33 | 41.8 | Lg | 10:00:33.875 | -1.4 | | | | | T__ | | | | | | 6932104 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| RONA | 0.62 | 225.8 | Pg | 10:00:34.881 | -0.1 | | | | | T__ | 72.8 | | | | ML | 1.7 | 6932107 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.62 | 225.8 | Lg | 10:00:43.185 | -0.1 | | | | | T__ | | | | | | 6932109 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.00 | 338.5 | Lg | 10:00:57.008 | 0.4 | | | | | T__ | | | | | | 6932108 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/10/08 | 11:52:42.33 | 0.86 | 1.02 | 47.9097 | 20.1135 | 3.7 | 2.9 | 159 | 0.0f | 20 | 12 | 108 | 0.15 | 1.56 | kx | BUD | 17003032 | BUD | | | 158 | |
| 2021/10/08 | 11:52:41.99 | 0.84 | 1.26 | 47.8650 | 20.1529f | | | | 0.0f | 20 | 12 | 119 | 0.18 | 1.57 | kx | BUD_GT | 17003033 | BUD_GT | | | 170 | |
| (locality : Kiszána Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.6 | 0.1 | 8 BUD_GT | 17003033 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-------|-----|------|-----------|---------|---------|---------|------|------|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 11:52:47.016 | 0.5 | | | | | T__ | | 883.1 | | | ML | 1.8 | 6932252 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 0.18 | 287.2 | Lg | 11:52:48.891 | -1.2 | | | | | T__ | | | | | | 6932262 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 11:52:47.280 | 0.8 | | | | | T__ | 568.8 | | | | _d | ML | 1.6 | 6932253 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 11:52:48.937 | -1.0 | | | | | T__ | | | | | | 6932263 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU23A 0.24 163.9 Pg 11:52:49.761 2.3 T__ 666.0 ___ ML 1.8 6932258 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.24 163.9 Lg 11:52:53.198 1.5 T__ ___ 6932257 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.36 44.0 Pg 11:52:49.754 -0.1 T__ 201.8 ___ ML 1.6 6932254 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 11:52:54.973 -1.0 T__ ___ 6932266 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.37 276.2 Pg 11:52:50.404 0.3 T__ 142.0 ___ ML 1.5 6932264 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.37 276.2 Lg 11:52:54.811 -1.3 T__ ___ 6932265 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU01A 0.63 214.9 Lg 11:53:04.740 -0.8 T__ ___ 6932268 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.66 19.7 Pg 11:52:55.790 0.6 T__ 117.4 ___ ML 1.9 6932259 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.66 19.7 Lg 11:53:04.696 -0.6 T__ ___ 6932267 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
JOS 0.68 22.1 Pg 11:52:56.111 0.4 T__ 46.8 ___ ML 1.5 6932255 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 11:53:05.424 -0.7 T__ ___ 6932269 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU10A 0.76 268.9 Lg 11:53:07.069 -3.0 T__ ___ 6932260 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 1.08 306.0 Pn 11:53:03.787 0.3 T__ 17.2 ___ ML 1.3 6932256 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.08 306.0 Lg 11:53:17.474 -2.2 T__ ___ 6932261 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
CSKK 1.38 249.3 Sn 11:53:27.292 0.1 T__ ___ 6932270 FDSN HU -- BUD iLoc HHE ??? _
HU08A 1.57 254.8 Sn 11:53:32.805 1.0 T__ ___ 6932271 FDSN ZJ 00 BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/09 09:55:42.00 4.35 1.04 46.8290 22.7819 61.3 19.7 152 0.0f 4 2 307 0.06 1.44 sx BUD 17003046 BUD 360

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.06 232.5 Pg 09:55:43.626 -0.0 T__ 142.1 _c_ ML 0.6 6932849 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.06 232.5 Lg 09:55:45.246 0.0 T__ ___ 6932850 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
GZR 1.44 180.1 Pn 09:56:09.205 0.4 T__ 37.9 ___ ML 1.9 6932852 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.44 180.1 Sn 09:56:28.230 -1.0 T__ ___ 6932851 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/10 23:11:53.40 0.93 1.25 45.6282 19.4622 11.5 3.8 65 10.0f 9 5 143 0.53 1.06 ke BUD 17003050 BUD 281

```

Magnitude Err Nsta Author OrigID

ML 1.8 0.4 4 BUD 17003050

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| FRGS | 0.53 | 152.3 | Pg | 23:12:04.503 | 0.8 | | | | | T__ | | 47.5 | | ___ | ML | 1.5 | 6933012 | FDSN | SJ | -- | BUD | iLoc | BHZ | BHZ | _ |
| FRGS | 0.53 | 152.3 | Lg | 23:12:11.191 | -1.7 | | | | | T__ | | | | --- | | 6933007 | FDSN | SJ | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU21A | 0.73 | 14.7 | Pn | 23:12:08.549 | 0.5 | | | | | T__ | | 134.8 | | ___ | ML | 2.0 | 6933008 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU21A | 0.73 | 14.7 | Lg | 23:12:18.643 | -0.7 | | | | | T__ | | | | --- | | 6933011 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 0.74 | 341.9 | Pg | 23:12:08.631 | 0.7 | | | | | T__ | | 161.5 | | ___ | ML | 2.1 | 6933013 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU22A | 0.74 | 341.9 | Lg | 23:12:18.365 | -1.2 | | | | | T__ | | | | --- | | 6933009 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.82 | 316.1 | Pg | 23:12:10.022 | 0.9 | | | | | T__ | | 33.3 | | _c_ | ML | 1.5 | 6933006 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.82 | 316.1 | Lg | 23:12:20.164 | -1.4 | | | | | T__ | | | | --- | | 6933010 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.06 | 296.3 | Sn | 23:12:27.972 | 0.3 | | | | | T__ | | | | --- | | 6933014 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/10/11 | 08:11:06.96 | 1.01 | 1.64 | 47.7076 | 18.7093 | 6.2 | 3.7 | 129 | 0.0f | | 15 | 9 | 106 | 0.23 | 1.49 | kx | BUD | 17003052 | BUD | | | 175 |
| 2021/10/11 | 08:11:06.91 | 0.87 | 1.53 | 47.7180 | 18.7130f | | | | 0.0f | | 15 | 9 | 106 | 0.24 | 1.50 | kx | BUD_GT | 17003053 | BUD_GT | | | 175 |

(locality : Dorog Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.9 | 0.2 | 6 BUD_GT | 17003053 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.24 | 250.5 | Pg | 08:11:13.067 | 1.0 | | | | | T__ | | 2355.8 | | _c_ | ML | 2.3 | 6933145 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.24 | 250.5 | Lg | 08:11:15.185 | -1.4 | | | | | T__ | | | | --- | | 6933147 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SRO | 0.29 | 289.6 | Pg | 08:11:14.883 | 1.8 | | | | | T__ | | 2295.7 | | ___ | ML | 2.5 | 6933153 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SRO | 0.29 | 289.6 | Lg | 08:11:18.532 | 0.2 | | | | | T__ | | | | --- | | 6933154 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.47 | 221.0 | Pg | 08:11:18.355 | 1.7 | | | | | T__ | | 250.3 | | ___ | ML | 2.0 | 6933158 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.47 | 221.0 | Lg | 08:11:22.880 | -1.9 | | | | | T__ | | | | --- | | 6933159 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.61 | 242.1 | Pg | 08:11:19.890 | 0.6 | | | | | T__ | | 74.6 | | ___ | ML | 1.7 | 6933156 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.61 | 242.1 | Lg | 08:11:25.781 | -3.4 | | | | | T__ | | | | --- | | 6933155 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.78 | 6.0 | Pg | 08:11:23.058 | 0.2 | | | | | T__ | | 14.3 | | ___ | ML | 1.1 | 6933149 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.78 | 6.0 | Lg | 08:11:33.691 | -0.7 | | | | | T__ | | | | --- | | 6933148 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.82 | 75.4 | Lg | 08:11:36.606 | -0.3 | | | | | T__ | | | | --- | | 6933157 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|----------------------------|------|-----|--|--|--|--|--|--|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MPLH | 0.97 | 235.9 | Pg | 08:11:26.263 | -0.0 | T__ | | | | | | | 72.4 | ___ | ML | 1.9 | 6933151 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.97 | 235.9 | Lg | 08:11:39.112 | -1.3 | T__ | | | | | | | | --- | | | 6933150 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.17 | 304.8 | Sn | 08:11:45.630 | -2.1 | T__ | | | | | | | | --- | | | 6933152 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.50 | 181.8 | Sn | 08:11:56.360 | 1.2 | T__ | | | | | | | | --- | | | 6933146 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/10/11 | 08:17:00.81 | 1.01 | 0.71 | 48.5251 | 19.3404 | 7.8 | 3.4 | 7 | 0.0f | | 12 | 6 | 186 | 0.34 | 0.89 | sx | BUD | 17003054 | BUD | | | | 300 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 6 BUD | 17003054 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.34 | 264.9 | Pg | 08:17:08.104 | 0.3 | | | | | T__ | | 36.2 | | --- | ML | 0.8 | 6933202 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.34 | 264.9 | Lg | 08:17:12.507 | -0.5 | | | | | T__ | | | | --- | | 6933203 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.71 | 148.4 | Pg | 08:17:16.224 | 0.3 | | | | | T__ | | 51.1 | | --- | ML | 1.6 | 6933200 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.71 | 148.4 | Lg | 08:17:26.747 | -0.1 | | | | | T__ | | | | --- | | 6933199 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.74 | 151.0 | Pg | 08:17:16.739 | 0.4 | | | | | T__ | | 29.8 | | --- | ML | 1.4 | 6933206 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.74 | 151.0 | Lg | 08:17:27.069 | -0.2 | | | | | T__ | | | | --- | | 6933201 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.76 | 92.7 | Pg | 08:17:17.037 | 1.0 | | | | | T__ | | 153.0 | | --- | ML | 2.1 | 6933204 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.76 | 92.7 | Lg | 08:17:26.744 | -0.7 | | | | | T__ | | | | --- | | 6933205 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.80 | 91.7 | Pg | 08:17:17.131 | 0.5 | | | | | T__ | | 58.5 | | --- | ML | 1.7 | 6933207 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.80 | 91.7 | Lg | 08:17:27.710 | -0.9 | | | | | T__ | | | | --- | | 6933198 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.89 | 116.6 | Pg | 08:17:19.386 | 0.3 | | | | | T__ | | 73.7 | | --- | ML | 1.9 | 6933197 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.89 | 116.6 | Lg | 08:17:31.619 | -1.1 | | | | | T__ | | | | --- | | 6933208 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/10/11 | 08:29:13.45 | 0.99 | 0.65 | 48.4883 | 17.5211 | 7.2 | 3.5 | 134 | 0.0f | | 8 | 5 | 145 | 0.20 | 1.24 | sx | BUD | 17003056 | BUD | | | | | 219 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.20 | 234.8 | Pg | 08:29:18.419 | 0.4 | | | | | T__ | | | | --- | | 6933237 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.20 | 234.8 | Lg | 08:29:20.489 | -1.3 | | | | | T__ | | | | --- | | 6933239 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.38 | 14.9 | Pg | 08:29:21.688 | 0.0 | | | | | T__ | | 140.8 | | --- | ML | 1.5 | 6933238 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.38 | 14.9 | Lg | 08:29:27.891 | -0.2 | | | | | T__ | | | | --- | | 6933240 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.5 magdef=1
VYHS 0.87 89.1 Lg 08:29:43.868 0.0 T__ --- 6933241 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.94 308.0 Lg 08:29:45.668 0.3 T__ --- 6933242 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.24 243.8 Pn 08:29:37.798 -0.0 T__ 58.3 --- ML 2.0 6933244 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.24 243.8 Lg 08:29:53.915 -0.1 T__ --- 6933243 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/11 11:24:54.41 0.87 0.97 48.3150 19.8665 3.9 3.2 136 0.0f 16 9 89 0.40 1.14 sx BUD 17003058 BUD 143

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 7 BUD 17003058

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.40 177.3 Pg 11:25:03.465 0.3 T__ 171.1 --- ML 1.6 6933327 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.40 177.3 Lg 11:25:08.671 -1.1 T__ --- 6933328 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.44 179.6 Pg 11:25:05.425 1.6 T__ 92.2 --- ML 1.5 6933326 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.44 179.6 Lg 11:25:10.299 -0.3 T__ --- 6933333 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.45 67.6 Pg 11:25:03.555 0.1 T__ 269.8 --- ML 2.0 6933332 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.45 67.6 Lg 11:25:10.589 0.2 T__ --- 6933330 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
HU03A 0.45 203.6 Lg 11:25:10.559 -0.4 T__ --- 6933341 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.48 113.4 Pg 11:25:05.073 0.5 T__ 70.5 --- ML 1.5 6933335 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 113.4 Lg 11:25:11.276 -1.2 T__ --- 6933329 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.48 67.8 Pg 11:25:04.067 -0.1 T__ 131.6 --- ML 1.8 6933334 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.48 67.8 Lg 11:25:10.824 -0.8 T__ --- 6933331 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 0.71 285.0 Pg 11:25:09.480 0.6 T__ 19.7 --- ML 1.2 6933337 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.71 285.0 Lg 11:25:18.064 -1.2 T__ --- 6933336 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU10A 0.74 230.7 Lg 11:25:19.835 -1.5 T__ --- 6933338 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 1.14 14.4 Pg 11:25:17.171 1.2 T__ 24.3 --- ML 1.5 6933340 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.14 14.4 Lg 11:25:32.291 -0.4 T__ --- 6933339 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/12 05:54:11.60 1.40 0.90 47.9044 20.0802 13.0 3.3 157 0.0f 10 6 206 0.13 1.02 sx BUD 17003066 BUD 232

```

```

Magnitude Err Nsta Author OrigID

```

ML 1.2 0.2 4 BUD 17003066

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.13 | 276.5 | Pg | 05:54:15.423 | 0.5 | | | | | T__ | | 498.0 | | --- | ML | 1.3 | 6933565 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.13 | 276.5 | Lg | 05:54:17.196 | -0.6 | | | | | T__ | | | | --- | | 6933566 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.14 | 259.9 | Pg | 05:54:15.585 | 0.5 | | | | | T__ | | 230.5 | | _c_ | ML | 1.1 | 6933567 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.14 | 259.9 | Lg | 05:54:17.413 | -0.5 | | | | | T__ | | | | --- | | 6933573 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.37 | 53.7 | Pg | 05:54:19.525 | -0.1 | | | | | T__ | | 57.9 | | --- | ML | 1.1 | 6933568 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.37 | 53.7 | Lg | 05:54:25.036 | -0.9 | | | | | T__ | | | | --- | | 6933574 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.64 | 24.9 | Lg | 05:54:34.728 | 0.5 | | | | | T__ | | | | --- | | 6933569 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.67 | 27.3 | Pg | 05:54:25.923 | 1.0 | | | | | T__ | | 29.8 | | --- | ML | 1.3 | 6933571 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.67 | 27.3 | Lg | 05:54:35.504 | 0.3 | | | | | T__ | | | | --- | | 6933570 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.02 | 305.8 | Lg | 05:54:45.543 | -1.6 | | | | | T__ | | | | --- | | 6933572 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/12 | 07:56:58.55 | 0.90 | 0.90 | 48.5103 | 17.5023 | 5.7 | 3.2 | 137 | 0.0f | | 9 | 6 | 134 | 0.20 | 1.24 | sx | BUD | 17003068 | BUD | | | 207 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.20 | 227.7 | Pg | 07:57:03.482 | 0.3 | | | | | T__ | | | | --- | | 6933622 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.20 | 227.7 | Lg | 07:57:05.337 | -1.7 | | | | | T__ | | | | --- | | 6933624 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.37 | 17.7 | Pg | 07:57:06.258 | -0.2 | | | | | T__ | | 107.7 | | --- | ML | 1.4 | 6933623 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.37 | 17.7 | Lg | 07:57:12.032 | -0.6 | | | | | T__ | | | | --- | | 6933625 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.89 | 90.6 | Pg | 07:57:17.005 | 0.5 | | | | | T__ | | 11.5 | | --- | ML | 1.1 | 6933627 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.89 | 90.6 | Lg | 07:57:29.135 | -0.2 | | | | | T__ | | | | --- | | 6933626 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.92 | 307.4 | Lg | 07:57:30.730 | 1.1 | | | | | T__ | | | | --- | | 6933628 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.15 | 225.3 | Lg | 07:57:36.150 | 0.1 | | | | | T__ | | | | --- | | 6933629 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.24 | 242.6 | Lg | 07:57:39.065 | 0.0 | | | | | T__ | | | | --- | | 6933630 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/12 | 08:12:47.75 | 0.91 | 0.68 | 48.7772 | 16.2384 | 8.1 | 3.8 | 107 | 0.0f | | 15 | 9 | 137 | 0.30 | 1.64 | sx | BUD | 17003070 | BUD | | | 156 |

Magnitude Err Nsta Author OrigID

ML 1.7 0.1 6 BUD 17003070

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| KRUC | 0.30 | 19.9 | Pg | 08:12:53.891 | 0.2 | | | | | T__ | | 258.5 | | _c_ | ML | 1.6 | 6933687 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|--|--|--|--|--|---------|------|-----|---------|---------|------|-----|-----|------|------|-----|-----|---|
| KRUC | 0.30 | 19.9 | Lg | 08:12:57.969 | -0.4 | T__ | | | | | | | | | 6933686 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 0.58 | 23.6 | Pg | 08:12:59.222 | 0.4 | T__ | | | | | | | | | 19.1 | ML | 1.1 | 6933689 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| VRAC | 0.58 | 23.6 | Lg | 08:13:06.616 | -0.8 | T__ | | | | | | | | | | | | | 6933688 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TREC | 0.72 | 316.6 | Lg | 08:13:11.376 | 0.3 | T__ | | | | | | | | | | | | | 6933690 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| CONA | 0.89 | 196.6 | Pg | 08:13:05.695 | 0.4 | T__ | | | | | | | | | 44.0 | ML | 1.6 | 6933683 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CONA | 0.89 | 196.6 | Lg | 08:13:16.883 | 0.0 | T__ | | | | | | | | | | | | | 6933684 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.08 | 177.9 | Pg | 08:13:08.769 | -0.3 | T__ | | | | | | | | | 41.1 | ML | 1.7 | 6933692 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 1.08 | 177.9 | Lg | 08:13:23.003 | -0.1 | T__ | | | | | | | | | | | | | 6933691 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.28 | 272.6 | Lg | 08:13:28.402 | -0.8 | T__ | | | | | | | | | | | | | 6933693 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 1.32 | 40.0 | Pg | 08:13:12.537 | 0.4 | T__ | | | | | | | | | 39.6 | ML | 1.8 | 6933695 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORC | 1.32 | 40.0 | Lg | 08:13:30.427 | -0.0 | T__ | | | | | | | | | | | | | 6933694 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.60 | 197.7 | Pn | 08:13:16.743 | -0.3 | T__ | | | | | | | | | 51.4 | ML | 2.1 | 6933696 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ARSA | 1.60 | 197.7 | Sn | 08:13:38.067 | -0.2 | T__ | | | | | | | | | | | | | 6933685 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRU | 1.64 | 318.2 | Sn | 08:13:37.299 | -1.8 | T__ | | | | | | | | | | | | | 6933697 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/12 | 08:50:38.19 | 0.90 | 1.04 | 47.3700 | 18.4202 | 4.6 | 4.1 | 103 | 0.0f | | 23 | 18 | 86 | 0.11 | 1.82 | sx | BUD | 17003072 | BUD | | | 110 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 5 BUD | 17003072 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.11 | 266.4 | Pg | 08:50:41.749 | 0.7 | | | | | T__ | | 4965.4 | | _c | ML | 2.3 | 6933795 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.11 | 266.4 | Lg | 08:50:42.670 | -1.1 | | | | | T__ | | | | | | 6933798 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.27 | 354.6 | Lg | 08:50:48.402 | -0.8 | | | | | T__ | | | | | | 6933799 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.34 | 280.5 | Pg | 08:50:46.257 | 0.7 | | | | | T__ | | 194.4 | | | ML | 1.5 | 6933801 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.34 | 280.5 | Lg | 08:50:50.300 | -1.3 | | | | | T__ | | | | | | 6933800 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A267A | 0.43 | 174.3 | Lg | 08:50:53.562 | -0.7 | | | | | T__ | | | | | | 6933802 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.62 | 40.2 | Lg | 08:51:00.670 | -0.8 | | | | | T__ | | | | | | 6933803 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| A272A | 0.73 | 149.0 | Lg | 08:51:03.506 | -1.3 | | | | | T__ | | | | | | 6933805 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| EGYH | 0.74 | 274.0 | Lg | 08:51:03.232 | -1.2 | | | | | T__ | | | | | | 6933804 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A266A | 0.85 | 187.2 | Lg | 08:51:07.326 | -0.4 | | | | | T__ | | | | | | 6933806 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.11 | 62.0 | Pn | 08:51:01.100 | 1.3 | | | | | T__ | | 36.1 | | | ML | 1.7 | 6933808 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.11 | 62.0 | Sn | 08:51:16.331 | -0.7 | | | | | T__ | | | | | | 6933807 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| PSZ | 1.14 | 60.6 | Pn | 08:51:01.598 | 1.1 | T__ | 50.4 | ___ | ML | 1.8 | 6933810 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.14 | 60.6 | Sn | 08:51:17.327 | -0.9 | T__ | | --- | | | 6933809 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| VYHS | 1.16 | 13.8 | Pn | 08:51:02.110 | 1.3 | T__ | 18.8 | ___ | ML | 1.4 | 6933796 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.16 | 13.8 | Lg | 08:51:17.563 | -1.0 | T__ | | --- | | | 6933812 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | |
| MORH | 1.17 | 172.4 | Sn | 08:51:17.370 | -0.7 | T__ | | --- | | | 6933811 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.27 | 323.0 | Sn | 08:51:20.309 | -1.1 | T__ | | --- | | | 6933797 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| KOVH | 1.30 | 189.9 | Sn | 08:51:21.243 | -0.2 | T__ | | --- | | | 6933813 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| RONA | 1.48 | 283.7 | Sn | 08:51:25.867 | -0.0 | T__ | | --- | | | 6933814 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 1.57 | 341.7 | Sn | 08:51:29.292 | -0.3 | T__ | | --- | | | 6933815 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| HU02A | 1.61 | 61.3 | Sn | 08:51:30.961 | 1.6 | T__ | | --- | | | 6933816 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| CONA | 1.82 | 288.8 | Sn | 08:51:35.612 | 1.1 | T__ | | --- | | | 6933817 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/12 | 08:59:29.73 | 0.87 | 0.86 | 48.3954 | 17.3017 | 4.9 | 3.3 | 133 | 0.0f | | 16 | 9 | 132 | 0.03 | 1.39 | sx | BUD | 17003074 | BUD | | | 178 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 8 BUD | 17003074 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|----------------------------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.03 | 216.7 | Pg | 08:59:30.619 | -0.3 | | | | | T__ | | | | | | 6933858 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.03 | 216.7 | Lg | 08:59:31.311 | -1.0 | | | | | T__ | | | | | | 6933866 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.52 | 27.7 | Pg | 08:59:42.361 | 1.6 | | | | | T__ | 112.5 | | | ___ | ML | 1.8 | 6933865 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.52 | 27.7 | Lg | 08:59:48.149 | -1.1 | | | | | T__ | | | | --- | | 6933859 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.90 | 318.4 | Pg | 08:59:47.827 | 0.9 | | | | | T__ | 42.3 | | | ___ | ML | 1.6 | 6933860 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.90 | 318.4 | Lg | 08:59:58.959 | -1.3 | | | | | T__ | | | | --- | | 6933867 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.97 | 224.5 | Pg | 08:59:48.866 | -0.1 | | | | | T__ | 49.5 | | | ___ | ML | 1.7 | 6933862 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.97 | 224.5 | Lg | 09:00:01.826 | 0.2 | | | | | T__ | | | | --- | | 6933861 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A331A | 0.97 | 38.5 | Pg | 08:59:49.394 | 0.6 | | | | | T__ | 79.1 | | | ___ | ML | 1.9 | 6933868 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.03 | 83.9 | Pg | 08:59:50.684 | 0.2 | | | | | T__ | 11.9 | | | ___ | ML | 1.1 | 6933863 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.03 | 83.9 | Lg | 09:00:04.586 | -0.7 | | | | | T__ | | | | --- | | 6933871 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.03 | 333.2 | Pg | 08:59:49.725 | 0.6 | | | | | T__ | 12.0 | | | ___ | ML | 1.1 | 6933869 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 1.03 | 333.2 | Lg | 09:00:03.295 | -1.0 | | | | | T__ | | | | --- | | 6933870 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.07 | 244.7 | Pg | 08:59:51.003 | 0.1 | | | | | T__ | 44.6 | | | ___ | ML | 1.7 | 6933864 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.07 | 244.7 | Lg | 09:00:04.738 | -0.0 | | | | | T__ | | | | --- | | 6933872 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

MORC 1.39 6.4 Pg 08:59:56.056 0.4 T__ 43.4 ___ ML 1.9 6933873 FDSN CZ -- BUD iLoc HHZ HHZ _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/10/12 09:42:28.75 1.18 1.27 47.3769 18.3881 8.1 3.6 128 0.0f 14 10 109 0.09 1.30 sx BUD 17003076 BUD 156

Magnitude Err Nsta Author OrigID
 ML 2.0 0.1 4 BUD 17003076

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 261.0 | Pg | 09:42:32.126 | 1.0 | | | | | T__ | | 2886.1 | | _c_ | ML | 2.0 | 6933940 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 261.0 | Lg | 09:42:32.970 | -0.6 | | | | | T__ | | | | --- | | 6933942 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.26 | 359.2 | Pg | 09:42:35.197 | 0.7 | | | | | T__ | | 911.9 | | --- | ML | 2.0 | 6933943 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.26 | 359.2 | Lg | 09:42:38.887 | -0.6 | | | | | T__ | | | | --- | | 6933953 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.32 | 280.0 | Pg | 09:42:36.245 | 0.6 | | | | | T__ | | 763.2 | | --- | ML | 2.1 | 6933944 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.32 | 280.0 | Lg | 09:42:40.135 | -1.2 | | | | | T__ | | | | --- | | 6933945 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.61 | 250.6 | Lg | 09:42:49.631 | -1.1 | | | | | T__ | | | | --- | | 6933946 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A266A | 0.86 | 185.7 | Lg | 09:42:57.322 | -1.1 | | | | | T__ | | | | --- | | 6933947 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.15 | 61.4 | Pn | 09:42:52.383 | 1.1 | | | | | T__ | | 476.8 | | --- | ML | 2.8 | 6933949 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.15 | 61.4 | Sn | 09:43:07.254 | -2.0 | | | | | T__ | | | | --- | | 6933948 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.16 | 14.9 | Lg | 09:43:07.918 | -1.2 | | | | | T__ | | | | --- | | 6933951 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.18 | 171.3 | Sn | 09:43:07.206 | -1.7 | | | | | T__ | | | | --- | | 6933950 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.25 | 323.6 | Sn | 09:43:10.401 | -1.1 | | | | | T__ | | | | --- | | 6933941 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.30 | 188.8 | Sn | 09:43:11.137 | -0.9 | | | | | T__ | | | | --- | | 6933952 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/10/12 09:48:10.69 0.84 1.10 48.8576 20.4771 5.7 3.2 75 0.0f 23 12 97 0.36 1.51 sx BUD 17003078 BUD 149

Magnitude Err Nsta Author OrigID
 ML 2.4 0.1 10 BUD 17003078

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.36 | 173.5 | Pg | 09:48:18.635 | 0.6 | | | | | T__ | | 459.8 | | --- | ML | 2.0 | 6934018 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.36 | 173.5 | Lg | 09:48:23.897 | 0.2 | | | | | T__ | | | | --- | | 6934022 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.37 | 179.1 | Pg | 09:48:19.073 | 0.8 | | | | | T__ | | 869.9 | | --- | ML | 2.3 | 6934037 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.37 | 179.1 | Lg | 09:48:24.088 | 0.1 | | | | | T__ | | | | --- | | 6934026 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.57 | 348.3 | Pg | 09:48:22.156 | 0.6 | | | | | T__ | | 171.0 | | --- | ML | 2.1 | 6934020 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|---------|---------|------|-----|------|------|------|-----|-----|---|
| NIE | 0.57 | 348.3 | Lg | 09:48:28.653 | -1.1 | T__ | | | | | | | | 6934027 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.74 | 177.5 | Lg | 09:48:36.292 | -1.1 | T__ | | | | | | | | 6934040 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| ABAH | 0.76 | 137.7 | Pg | 09:48:26.188 | 0.5 | T__ | 256.4 | | | | | | | ML | 2.3 | 6934038 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.76 | 137.7 | Lg | 09:48:36.325 | -1.8 | T__ | | | | | | | | | 6934039 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.02 | 202.7 | Pn | 09:48:32.243 | 0.9 | T__ | 240.4 | | | | | | | ML | 2.4 | 6934019 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.02 | 202.7 | Lg | 09:48:45.570 | -1.5 | T__ | | | | | | | | | 6934028 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.06 | 202.6 | Pn | 09:48:32.802 | 1.0 | T__ | 210.0 | | | | | | | ML | 2.4 | 6934023 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.06 | 202.6 | Lg | 09:48:46.745 | -1.3 | T__ | | | | | | | | | 6934029 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 1.12 | 211.8 | Pn | 09:48:32.959 | 0.4 | T__ | 296.3 | | | | | | | ML | 2.6 | 6934024 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 1.12 | 211.8 | Sn | 09:48:48.591 | -1.2 | T__ | | | | | | | | | 6934031 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.15 | 252.1 | Pn | 09:48:33.512 | 0.3 | T__ | 75.1 | | | | | | | ML | 2.0 | 6934025 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.15 | 252.1 | Lg | 09:48:48.725 | -1.4 | T__ | | | | | | | | | 6934032 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 1.19 | 85.7 | Pn | 09:48:34.274 | 0.5 | T__ | | | | | | | | | 6934021 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 1.19 | 85.7 | Lg | 09:48:48.289 | -2.5 | T__ | | | | | | | | | 6934030 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| OJC | 1.43 | 342.3 | Pn | 09:48:38.253 | 0.8 | T__ | 265.6 | | | | | | | ML | 2.7 | 6934034 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| OJC | 1.43 | 342.3 | Lg | 09:48:57.284 | 0.2 | T__ | | | | | | | | | 6934033 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| A331A | 1.51 | 282.0 | Pg | 09:48:40.636 | 0.4 | T__ | 342.6 | | | | | | | ML | 2.9 | 6934035 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A331A | 1.51 | 282.0 | Lg | 09:48:59.600 | -0.5 | T__ | | | | | | | | | 6934036 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/12 | 10:00:24.11 | 1.03 | 1.36 | 48.1451 | 16.9928 | 11.0 | 3.5 | 134 | 0.0f | | 10 | 7 | 187 | 0.30 | 1.67 | sx | BUD | 17003080 | BUD | | | 194 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.30 | 39.6 | Pg | 10:00:31.796 | 1.1 | | | | | | | | | | | 6934128 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.30 | 39.6 | Lg | 10:00:34.412 | -1.5 | | | | | | | | | | | 6934123 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.65 | 226.7 | Pg | 10:00:37.209 | 0.1 | | | | | | | 104.1 | | | ML | 1.9 | 6934124 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.65 | 226.7 | Lg | 10:00:45.516 | -0.2 | | | | | | | | | | | 6934125 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.79 | 254.5 | Pg | 10:00:39.618 | -0.1 | | | | | | | 86.1 | | | ML | 1.9 | 6934126 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.79 | 254.5 | Lg | 10:00:49.144 | -1.0 | | | | | | | | | | | 6934127 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.84 | 32.0 | Lg | 10:00:52.093 | -2.5 | | | | | | | | | | | 6934129 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KRUC | 1.00 | 336.8 | Lg | 10:00:58.891 | 0.8 | T__ | --- | 6934132 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| ARSA | 1.34 | 228.5 | Lg | 10:01:07.312 | 0.6 | T__ | --- | 6934130 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 1.67 | 12.3 | Sn | 10:01:16.502 | -1.1 | T__ | --- | 6934131 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/12 | 10:30:55.00 | 1.37 | 0.97 | 48.7904 | 21.3286 | 20.6 | 6.3 | 151 | 0.0f | 7 | 5 | 165 | 0.60 | 1.24 | sx | BUD | 17003082 | BUD | | | 195 | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.60 | 240.9 | Pg | 10:31:06.664 | -0.3 | | | | | T__ | | 45.5 | | --- | ML | 1.5 | 6934176 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.60 | 240.9 | Lg | 10:31:16.694 | 0.7 | | | | | T__ | | | | --- | | 6934179 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.64 | 241.5 | Lg | 10:31:18.138 | 0.8 | | | | | T__ | | | | --- | | 6934180 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| KOLS | 0.64 | 76.7 | Lg | 10:31:18.615 | 0.9 | | | | | T__ | | | | --- | | 6934178 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.86 | 219.0 | Pg | 10:31:12.647 | 0.0 | | | | | T__ | 52.0 | | | --- | ML | 1.7 | 6934177 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.86 | 219.0 | Lg | 10:31:24.733 | -1.1 | | | | | T__ | | | | --- | | 6934182 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KWP | 1.24 | 46.5 | Lg | 10:31:35.577 | -0.8 | | | | | T__ | | | | --- | | 6934181 | FDSN | PL | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/10/12 | 11:45:00.08 | 0.95 | 1.04 | 47.5436 | 18.4881 | 5.6 | 3.5 | 120 | 0.0f | 10 | 6 | 150 | 0.12 | 1.02 | kx | BUD | 17003084 | BUD | | | 184 | |
| 2021/10/12 | 11:45:00.15 | 0.90 | 0.92 | 47.5600 | 18.4573f | | | | 0.0f | 10 | 6 | 143 | 0.09 | 1.03 | kx | BUD_GT | 17003085 | BUD_GT | | | 179 | |

(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.4 0.3 4 BUD_GT 17003085

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 11:45:03.813 | 1.2 | | | | | T__ | | 944.9 | | --- | ML | 1.5 | 6934209 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 11:45:04.630 | -0.3 | | | | | T__ | | | | --- | | 6934210 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 11:45:05.991 | 0.6 | | | | | T__ | 133.8 | | | --- | ML | 1.1 | 6934208 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 11:45:09.259 | -0.8 | | | | | T__ | | | | --- | | 6934211 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.38 | 250.6 | Lg | 11:45:14.158 | -0.7 | | | | | T__ | | | | --- | | 6934212 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.97 | 15.1 | Pn | 11:45:20.582 | 0.5 | | | | | T__ | 15.9 | | | --- | ML | 1.2 | 6934214 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.97 | 15.1 | Lg | 11:45:33.431 | -0.6 | | | | | T__ | | | | --- | | 6934213 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.01 | 71.0 | Lg | 11:45:34.936 | -1.2 | | | | | T__ | | | | --- | | 6934215 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.03 | 69.2 | Pg | 11:45:21.573 | -0.4 | | | | | T__ | 43.1 | | | --- | ML | 1.7 | 6934217 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.03 | 69.2 | Lg | 11:45:35.973 | -1.5 | | | | | T__ | | | | --- | | 6934216 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/12 | 13:00:24.65 | 0.96 | 1.00 | 48.5928 | 17.6299 | 5.7 | 3.7 | 129 | 0.0f | 6 | 3 | 138 | 0.27 | 0.81 | sx | BUD | 17003086 | BUD | | | | 269 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JAVC | 0.27 | 5.8 | Pg | 13:00:31.106 | 0.5 | | | | | T__ | | 103.1 | | ___ | ML | 1.1 | 6934257 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.27 | 5.8 | Lg | 13:00:34.373 | -1.0 | | | | | T__ | | | | --- | | 6934256 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.32 | 227.0 | Pg | 13:00:32.082 | 0.5 | | | | | T__ | | | | --- | | 6934255 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.32 | 227.0 | Lg | 13:00:36.195 | -0.9 | | | | | T__ | | | | --- | | 6934258 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.81 | 96.6 | Pg | 13:00:41.448 | 0.5 | | | | | T__ | | 13.1 | | ___ | ML | 1.1 | 6934260 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.81 | 96.6 | Lg | 13:00:52.027 | -0.7 | | | | | T__ | | | | --- | | 6934259 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|----|
| 2021/10/13 | 01:02:12.26 | 0.88 | 1.02 | 48.7708 | 19.4643 | 3.8 | 3.4 | 20 | 0.7 | 10.2 | 42 | 26 | 59 | 0.50 | 2.14 | ke | BUD | 17003090 | BUD | | | | 90 |

Magnitude Err Nsta Author OrigID
ML 2.2 0.2 15 BUD 17003090

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.50 | 236.6 | Pg | 01:02:22.945 | 0.5 | | | | | T__ | | 46.1 | | ___ | ML | 1.4 | 6934506 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.50 | 236.6 | Lg | 01:02:29.085 | -0.7 | | | | | T__ | | | | --- | | 6934507 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.74 | 112.6 | Pg | 01:02:27.281 | 0.4 | | | | | T__ | | 543.2 | | ___ | ML | 2.6 | 6934508 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.74 | 112.6 | Lg | 01:02:36.875 | -0.9 | | | | | T__ | | | | --- | | 6934509 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.76 | 110.7 | Pg | 01:02:27.586 | 0.2 | | | | | T__ | | 347.7 | | ___ | ML | 2.5 | 6934511 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.76 | 110.7 | Lg | 01:02:37.743 | -1.0 | | | | | T__ | | | | --- | | 6934510 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.85 | 40.0 | Pg | 01:02:28.507 | 0.2 | | | | | T__ | | 51.6 | | ___ | ML | 1.7 | 6934504 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.85 | 40.0 | Lg | 01:02:39.601 | -0.8 | | | | | T__ | | | | --- | | 6934505 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.87 | 174.0 | Pg | 01:02:30.757 | 0.5 | | | | | T__ | | 158.8 | | ___ | ML | 2.2 | 6934503 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.87 | 174.0 | Lg | 01:02:42.523 | -0.4 | | | | | T__ | | | | --- | | 6934538 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.90 | 161.2 | Pn | 01:02:31.195 | -0.1 | | | | | T__ | | 300.1 | | _c_ | ML | 2.5 | 6934501 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.90 | 161.2 | Lg | 01:02:43.398 | -1.0 | | | | | T__ | | | | --- | | 6934513 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A331A | 0.90 | 295.3 | Lg | 01:02:42.479 | 0.3 | | | | | T__ | | | | --- | | 6934512 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ET1H | 0.93 | 162.9 | Pn | 01:02:31.476 | -0.1 | T__ | 68.2 | --- | ML | 1.9 | 6934502 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.93 | 162.9 | Lg | 01:02:44.460 | -0.6 | T__ | | --- | | | 6934514 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.96 | 132.2 | Pg | 01:02:31.898 | 0.1 | T__ | 91.1 | --- | ML | 2.0 | 6934498 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.96 | 132.2 | Lg | 01:02:44.757 | -1.1 | T__ | | --- | | | 6934499 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.97 | 198.0 | Lg | 01:02:45.978 | -1.1 | T__ | | --- | | | 6934539 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| A338A | 1.06 | 224.8 | Pn | 01:02:33.848 | 0.5 | T__ | 222.8 | --- | ML | 2.4 | 6934516 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A338A | 1.06 | 224.8 | Sn | 01:02:48.535 | -1.5 | T__ | | --- | | | 6934515 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.19 | 274.9 | Pn | 01:02:35.581 | -0.1 | T__ | 92.7 | --- | ML | 2.1 | 6934517 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 1.19 | 274.9 | Lg | 01:02:52.269 | -1.5 | T__ | | --- | | | 6934518 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| SR0 | 1.23 | 219.2 | Sn | 01:02:53.595 | -0.6 | T__ | | --- | | | 6934519 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| HU23A | 1.25 | 154.8 | Pn | 01:02:36.849 | 1.0 | T__ | 142.9 | --- | ML | 2.3 | 6934522 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU23A | 1.25 | 154.8 | Sn | 01:02:53.974 | -0.1 | T__ | | --- | | | 6934521 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ABAH | 1.27 | 111.3 | Pn | 01:02:37.164 | 1.0 | T__ | 90.0 | --- | ML | 2.2 | 6934500 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 1.27 | 111.3 | Sn | 01:02:53.773 | -1.2 | T__ | | --- | | | 6934520 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| OJC | 1.47 | 8.4 | Lg | 01:02:58.269 | -1.3 | T__ | | --- | | | 6934523 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| MODS | 1.51 | 255.5 | Pn | 01:02:40.640 | 0.7 | T__ | | --- | | | 6934524 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| BSZH | 1.57 | 159.6 | Sn | 01:03:03.295 | 1.6 | T__ | | --- | | | 6934527 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 1.61 | 309.4 | Pn | 01:02:42.813 | 1.4 | T__ | 50.3 | --- | ML | 2.1 | 6934525 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.61 | 309.4 | Lg | 01:03:03.251 | -1.3 | T__ | | --- | | | 6934526 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU08A | 1.69 | 218.2 | Pn | 01:02:43.916 | 1.8 | T__ | 39.2 | --- | ML | 2.0 | 6934529 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 1.69 | 218.2 | Lg | 01:03:09.853 | -0.2 | T__ | | --- | | | 6934528 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU07A | 1.81 | 114.9 | Lg | 01:03:12.676 | -0.2 | T__ | | --- | | | 6934530 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| KOLS | 1.86 | 83.9 | Pg | 01:02:48.310 | 1.2 | T__ | | --- | | | 6934532 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KOLS | 1.86 | 83.9 | Lg | 01:03:13.435 | 0.1 | T__ | | --- | | | 6934531 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| UZH | 1.88 | 93.2 | Sn | 01:03:10.657 | 0.4 | T__ | | --- | | | 6934533 | FDSN | UA | -- | BUD | iLoc | BHN | ??? | _ |
| A267A | 1.94 | 200.3 | Sn | 01:03:13.614 | 2.3 | T__ | | --- | | | 6934534 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| EGYH | 1.97 | 227.3 | Sn | 01:03:14.342 | 2.0 | T__ | | --- | | | 6934535 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| TRPA | 2.14 | 106.2 | Pg | 01:02:54.025 | 0.5 | T__ | 62.0 | --- | ML | 2.5 | 6934537 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 2.14 | 106.2 | Lg | 01:03:23.275 | 0.3 | T__ | | --- | | | 6934536 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/10/13 | 06:08:56.45 | 1.07 | 0.95 | 47.3112 | 18.2903 | 5.6 | 3.2 | 122 | 0.0f | | 15 | 9 | 105 | 0.05 | 1.24 | kx | BUD | 17003094 | BUD | | | 199 |
| 2021/10/13 | 06:08:56.22 | 0.90 | 0.80 | 47.3167 | 18.3081f | | | | 0.0f | | 15 | 9 | 106 | 0.06 | 1.23 | kx | BUD_GT | 17003095 | BUD_GT | | | 196 |

(locality : Magyaralmás Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 6 BUD_GT 17003095

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 325.1 | Pg | 06:08:58.586 | 0.5 | | | | | T__ | | 1451.2 | | --- | ML | 1.6 | 6934784 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 325.1 | Lg | 06:08:59.429 | -0.5 | | | | | T__ | | | | --- | | 6934785 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.07 | 257.7 | Pg | 06:08:58.663 | 0.4 | | | | | T__ | | 589.8 | | --- | ML | 1.3 | 6934793 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.07 | 257.7 | Lg | 06:08:59.391 | -0.9 | | | | | T__ | | | | --- | | 6934794 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 336.4 | Pg | 06:08:59.149 | 0.6 | | | | | T__ | | 967.1 | | --- | ML | 1.5 | 6934796 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 336.4 | Lg | 06:09:00.708 | -0.2 | | | | | T__ | | | | --- | | 6934795 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.14 | 298.3 | Pg | 06:09:00.637 | 1.0 | | | | | T__ | | 466.5 | | --- | ML | 1.4 | 6934798 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.14 | 298.3 | Lg | 06:09:01.902 | -0.8 | | | | | T__ | | | | --- | | 6934797 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.29 | 293.8 | Lg | 06:09:06.770 | -0.9 | | | | | T__ | | | | --- | | 6934786 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.33 | 8.9 | Pg | 06:09:04.393 | 1.2 | | | | | T__ | | 149.6 | | --- | ML | 1.4 | 6934788 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.33 | 8.9 | Lg | 06:09:08.518 | -0.6 | | | | | T__ | | | | --- | | 6934787 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.13 | 168.1 | Lg | 06:09:33.965 | -1.0 | | | | | T__ | | | | --- | | 6934789 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.20 | 61.4 | Pg | 06:09:20.465 | -0.8 | | | | | T__ | | 33.5 | | --- | ML | 1.7 | 6934791 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.20 | 61.4 | Sn | 06:09:36.778 | -0.5 | | | | | T__ | | | | --- | | 6934790 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.23 | 16.6 | Sn | 06:09:37.659 | -0.9 | | | | | T__ | | | | --- | | 6934792 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/13 | 07:03:26.58 | 1.02 | 0.70 | 47.9765 | 16.6245 | 6.4 | 4.8 | 127 | 0.0f | | 11 | 7 | 94 | 0.35 | 1.13 | sx | BUD | 17003096 | BUD | | | 171 |

Magnitude Err Nsta Author OrigID
ML 1.6 0.4 4 BUD 17003096

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.35 | 218.7 | Pg | 07:03:33.901 | 0.0 | | | | | T__ | | 56.5 | | --- | ML | 1.0 | 6934837 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.35 | 218.7 | Lg | 07:03:37.838 | -1.0 | | | | | T__ | | | | --- | | 6934835 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.51 | 264.9 | Pg | 07:03:37.397 | 0.5 | | | | | T__ | | 49.4 | | --- | ML | 1.4 | 6934833 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.51 | 264.9 | Lg | 07:03:43.085 | -0.7 | | | | | T__ | | | | --- | | 6934834 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.59 | 47.5 | Lg | 07:03:48.060 | -0.3 | | | | | T__ | | | | --- | | 6934838 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| MPLH | 1.02 | 142.1 | Lg | 07:04:01.480 | -0.2 | | | | | T__ | | | | --- | | 6934841 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 1.04 | 226.1 | Pg | 07:03:47.214 | 0.5 | | | | | T__ | | 54.4 | | --- | ML | 1.8 | 6934840 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |

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ARSA  1.04 226.1 Lg      07:04:00.527  0.8      T__      ---      6934839  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
KRUC  1.10 352.1 Lg      07:04:03.212 -0.6      T__      ---      6934836  FDSN CZ      -- BUD  iLoc  HHN ??? _
JAVC  1.13  37.9 Pn      07:03:50.180  0.9      T__      74.9     --- ML    2.0 6934843  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
JAVC  1.13  37.9 Sn      07:04:06.492 -0.1      T__      ---      6934842  FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1

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Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/10/13 09:12:32.53  0.78  1.13 46.9804  17.3435  3.9  2.9 142  0.0f      37  29 42  0.14  2.64  sx BUD      17003098  BUD                57

```

```

Magnitude Err Nsta Author      OrigID
ML      2.1 0.2   9 BUD      17003098

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
A261A  0.14 258.1 Pg      09:12:35.878 -0.0      T__      22312.6  --- ML    3.0 6934908  FDSN Z3  00 BUD  iLoc  HHZ HHZ _
A261A  0.14 258.1 Lg      09:12:37.315 -1.4      T__      ---      6934910  FDSN Z3  00 BUD  iLoc  HHN ??? _
(Reading ML:  3.0 magdef=1
(Station ML:  3.0 magdef=0
MPLH  0.23 35.1 Pg      09:12:37.959  0.1      T__      1170.5  _c_ ML    2.0 6934907  FDSN HU  -- BUD  iLoc  HHZ HHZ _
MPLH  0.23 35.1 Lg      09:12:42.178  0.1      T__      ---      6934912  FDSN HU  -- BUD  iLoc  HHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1
A263A  0.34 183.3 Pg      09:12:40.381  0.5      T__      3398.8  --- ML    2.8 6934914  FDSN Z3  00 BUD  iLoc  HHZ HHZ _
A263A  0.34 183.3 Lg      09:12:44.318 -0.8      T__      ---      6934913  FDSN Z3  00 BUD  iLoc  HHN ??? _
(Reading ML:  2.8 magdef=1
(Station ML:  2.8 magdef=1
TIH   0.38 101.9 Lg      09:12:47.442  0.5      T__      ---      6934915  FDSN HU  -- BUD  iLoc  HHN ??? _
EGYH  0.44 359.0 Lg      09:12:48.676 -0.2      T__      ---      6934916  FDSN HU  -- BUD  iLoc  HHN ??? _
A262A  0.57 258.6 Lg      09:12:51.733 -0.3      T__      ---      6934917  FDSN Z3  00 BUD  iLoc  HHN ??? _
HU08A 0.60 41.0 Lg      09:12:54.398 -0.4      T__      ---      6934920  FDSN ZJ  00 BUD  iLoc  HHN ??? _
BEHE  0.64 217.6 Pg      09:12:45.558 -0.2      T__      435.1  --- ML    2.5 6934919  FDSN HU  -- BUD  iLoc  HHZ HHZ _
BEHE  0.64 217.6 Lg      09:12:53.933 -0.7      T__      ---      6934918  FDSN HU  -- BUD  iLoc  HHN ??? _
(Reading ML:  2.5 magdef=1
(Station ML:  2.5 magdef=1
CSKK  0.73 58.2 Lg      09:12:59.028 -0.7      T__      ---      6934921  FDSN HU  -- BUD  iLoc  HHN ??? _
A266A 0.78 125.4 Lg      09:13:00.021  0.2      T__      ---      6934922  FDSN Z3  00 BUD  iLoc  HHN ??? _
A267A 0.78 92.1 Lg      09:13:00.166 -0.7      T__      ---      6934923  FDSN Z3  00 BUD  iLoc  HHN ??? _
KOGS  0.92 235.1 Pg      09:12:50.271 -0.4      T__      125.1  --- ML    2.1 6934925  FDSN SL  -- BUD  iLoc  BHZ BHZ _
KOGS  0.92 235.1 Lg      09:13:03.146  0.5      T__      ---      6934924  FDSN SL  -- BUD  iLoc  BHN ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=1
HU09A 0.97 46.6 Sn      09:13:06.203 -1.4      T__      ---      6934926  FDSN ZJ  00 BUD  iLoc  HHN ??? _
RONA  1.01 315.7 Lg      09:13:06.650  0.5      T__      ---      6934927  FDSN OE  -- BUD  iLoc  HHN ??? _
A271A 1.03 79.7 Sn      09:13:08.601 -0.6      T__      ---      6934929  FDSN Z3  00 BUD  iLoc  HHN ??? _
KOVH  1.03 149.4 Pn      09:12:51.343 -1.8      T__      66.4   --- ML    1.9 6934928  FDSN HU  -- BUD  iLoc  HHZ HHZ _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=0
ARSA  1.27 282.9 Pn      09:12:57.366  0.5      T__      64.1   --- ML    2.0 6934931  FDSN OE  -- BUD  iLoc  HHZ HHZ _
ARSA  1.27 282.9 Sn      09:13:14.866  0.5      T__      ---      6934930  FDSN OE  -- BUD  iLoc  HHN ??? _
(Reading ML:  2.0 magdef=1

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(Station ML: 2.0 magdef=1
CONA 1.38 313.9 Lg 09:13:18.778 1.2 T__ --- 6934932 FDSN OE -- BUD iLoc HHN ??? _
MODS 1.39 358.2 Sn 09:13:18.230 -0.2 T__ --- 6934935 FDSN SK -- BUD iLoc HHN ??? _
PTJ 1.43 222.0 Pn 09:12:59.439 0.0 T__ 68.9 --- ML 2.1 6934934 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 1.43 222.0 Sn 09:13:18.814 -0.4 T__ --- 6934933 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CRES 1.74 229.2 Pn 09:13:03.975 0.4 T__ 52.4 --- ML 2.2 6934937 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 1.74 229.2 Sn 09:13:27.225 0.9 T__ --- 6934936 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
VYHS 1.82 33.1 Sn 09:13:30.680 1.6 T__ --- 6934938 FDSN SK -- BUD iLoc HHN ??? _
JAVC 1.89 6.6 Sn 09:13:32.423 1.1 T__ --- 6934939 FDSN CZ -- BUD iLoc HHN ??? _
ET1H 1.94 61.4 Sn 09:13:34.007 2.5 T__ --- 6934941 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.97 60.6 Lg 09:13:39.719 -0.8 T__ --- 6934942 FDSN GE -- BUD iLoc HHN ??? _
OBKA 1.98 257.2 Lg 09:13:37.947 1.7 T__ --- 6934940 FDSN OE -- BUD iLoc HHN ??? _
BLY 2.23 182.9 Lg 09:13:46.995 3.3 T__ --- 6934943 FDSN MN -- BUD iLoc HHN ??? _
HU02A 2.44 60.9 Sn 09:13:45.965 2.1 T__ --- 6934944 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 2.64 53.7 Lg 09:14:01.906 0.5 T__ --- 6934945 FDSN ZJ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/13 09:35:10.83 0.88 1.03 48.5090 17.4690 4.7 3.0 130 0.0f 13 8 132 0.19 1.27 sx BUD 17003100 BUD 202

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Magnitude Err Nsta Author OrigID
ML 1.3 0.2 4 BUD 17003100

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.19 223.3 Pg 09:35:14.724 -0.4 T__ --- 6935026 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.19 223.3 Lg 09:35:16.849 -1.9 T__ --- 6935027 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.38 20.8 Pg 09:35:18.062 -0.8 T__ 117.8 --- ML 1.4 6935034 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.38 20.8 Lg 09:35:24.706 -0.5 T__ --- 6935033 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KRUC 0.90 308.3 Lg 09:35:41.655 0.3 T__ --- 6935029 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 0.91 90.4 Pg 09:35:29.051 -0.1 T__ 16.7 --- ML 1.2 6935028 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.91 90.4 Lg 09:35:43.410 1.0 T__ --- 6935030 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
VRAC 0.99 324.5 Pg 09:35:29.469 -0.0 T__ 11.9 --- ML 1.1 6935035 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 0.99 324.5 Lg 09:35:44.789 0.8 T__ --- 6935031 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
RONA 1.13 224.6 Lg 09:35:49.364 1.5 T__ --- 6935032 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.22 242.2 Pg 09:35:35.109 0.2 T__ 42.4 --- ML 1.8 6935036 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.22 242.2 Lg 09:35:51.592 0.9 T__ --- 6935037 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MORC 1.27 2.2 Lg 09:35:53.096 0.9 T__ --- 6935038 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

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2021/10/13 09:49:45.53 1.55 0.31 48.3243 19.8731 11.8 3.9 129 0.0f 10 6 224 0.41 0.48 sx BUD 17003102 BUD 248

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 5 BUD 17003102

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| PSZ | 0.41 | 178.0 | Pg | 09:49:54.729 | 0.2 | | | | | T__ | | 57.3 | | --- | ML | 1.2 6935096 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.41 | 178.0 | Lg | 09:50:00.747 | -0.4 | | | | | T__ | | | | --- | | 6935098 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.44 | 68.5 | Pg | 09:49:54.779 | 0.4 | | | | | T__ | | 89.7 | | --- | ML | 1.5 6935097 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.44 | 68.5 | Lg | 09:50:00.934 | -0.3 | | | | | T__ | | | | --- | | 6935103 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.45 | 180.2 | Lg | 09:50:01.966 | -0.1 | | | | | T__ | | | | --- | | 6935099 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| HU03A | 0.46 | 203.6 | Pg | 09:49:55.386 | 0.1 | | | | | T__ | | 68.6 | | --- | ML | 1.4 6935104 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.48 | 68.6 | Pg | 09:49:55.031 | -0.1 | | | | | T__ | | 46.8 | | --- | ML | 1.3 6935100 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.48 | 68.6 | Lg | 09:50:02.243 | -0.2 | | | | | T__ | | | | --- | | 6935095 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.48 | 114.7 | Pg | 09:49:56.078 | 0.3 | | | | | T__ | | 40.6 | | --- | ML | 1.2 6935101 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.48 | 114.7 | Lg | 09:50:03.309 | -0.2 | | | | | T__ | | | | --- | | 6935102 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/13 10:31:21.43 0.97 0.53 48.5109 18.2466 6.8 3.5 10 0.0f 8 4 166 0.39 1.35 sx BUD 17003104 BUD 278

Magnitude Err Nsta Author OrigID
ML 1.6 0.6 3 BUD 17003104

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| VYHS | 0.39 | 92.2 | Pg | 10:31:29.581 | 0.0 | | | | | T__ | | 12.8 | | --- | ML | 0.5 6935151 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.39 | 92.2 | Lg | 10:31:35.678 | 0.2 | | | | | T__ | | | | --- | | 6935148 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.52 | 312.6 | Pg | 10:31:32.573 | 0.3 | | | | | T__ | | 73.6 | | --- | ML | 1.6 6935146 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.52 | 312.6 | Lg | 10:31:41.073 | 0.5 | | | | | T__ | | | | --- | | 6935145 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.66 | 258.3 | Pg | 10:31:35.226 | 0.2 | | | | | T__ | | | | --- | | 6935149 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.66 | 258.3 | Lg | 10:31:44.584 | -0.8 | | | | | T__ | | | | --- | | 6935147 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 1.35 | 340.2 | Pg | 10:31:45.877 | -0.6 | | | | | T__ | | 56.1 | | --- | ML | 2.0 6935150 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.35 | 340.2 | Lg | 10:32:05.184 | -0.1 | | | | | T__ | | | | --- | | 6935144 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2021/10/13 11:17:20.99 2.02 0.53 48.7115 20.0781 18.3 6.4 76 0.0f 7 4 218 0.35 0.72 sx BUD 17003106 BUD 331

Magnitude Err Nsta Author OrigID
ML 1.3 0.3 3 BUD 17003106

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.35 | 130.0 | Pg | 11:17:28.812 | 0.6 | | | | | T__ | | 93.8 | | ___ | ML | 1.3 | 6935257 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.35 | 130.0 | Lg | 11:17:33.812 | 0.1 | | | | | T__ | | | | ___ | | 6935258 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.37 | 125.0 | Pg | 11:17:28.004 | -0.6 | | | | | T__ | | 48.5 | | ___ | ML | 1.0 | 6935259 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.37 | 125.0 | Lg | 11:17:34.562 | 0.2 | | | | | T__ | | | | ___ | | 6935260 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.66 | 153.0 | Pg | 11:17:34.772 | 0.0 | | | | | T__ | | 44.7 | | ___ | ML | 1.5 | 6935261 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.66 | 153.0 | Lg | 11:17:44.456 | -0.6 | | | | | T__ | | | | ___ | | 6935263 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.72 | 11.6 | Lg | 11:17:44.940 | -0.0 | | | | | T__ | | | | ___ | | 6935262 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/13 11:24:59.03 1.32 0.62 47.8831 16.0728 13.5 4.0 34 0.0f 6 4 130 0.15 1.20 sx BUD 17003108 BUD 212

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.15 | 287.7 | Pg | 11:25:02.461 | 0.2 | | | | | T__ | | 137.8 | | _c_ | ML | 0.9 | 6935286 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.15 | 287.7 | Lg | 11:25:04.149 | -0.4 | | | | | T__ | | | | ___ | | 6935291 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.24 | 140.5 | Pg | 11:25:04.325 | 0.3 | | | | | T__ | | 58.0 | | ___ | ML | 0.7 | 6935287 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.24 | 140.5 | Lg | 11:25:07.012 | -0.5 | | | | | T__ | | | | ___ | | 6935289 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.73 | 210.7 | Lg | 11:25:22.394 | -0.1 | | | | | T__ | | | | ___ | | 6935290 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.20 | 10.2 | Sn | 11:25:38.739 | -0.8 | | | | | T__ | | | | ___ | | 6935288 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/13 13:05:19.82 4.29 1.20 46.8476 22.7766 34.2 14.2 162 0.0f 7 4 294 0.07 1.56 sx BUD 17003110 BUD 321

Magnitude Err Nsta Author OrigID
ML 1.9 1.1 3 BUD 17003110

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.07 | 218.8 | Pg | 13:05:21.733 | 0.1 | | | | | T__ | | 127.2 | | _c_ | ML | 0.6 | 6935312 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.07 | 218.8 | Lg | 13:05:23.327 | -0.0 | | | | | T__ | | | | ___ | | 6935315 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.45 | 180.0 | Pg | 13:05:47.686 | 0.3 | | | | | T__ | | 35.2 | | ___ | ML | 1.9 | 6935314 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.45 | 180.0 | Sn | 13:06:06.374 | -1.1 | | | | | T__ | | | | ___ | | 6935313 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BZS 1.47 213.6 Sn 13:06:07.048 -0.2 T__
LOT 1.56 153.4 Pn 13:05:47.605 -1.0 T__ 160.3
LOT 1.56 153.4 Sn 13:06:08.730 -1.8 T__
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/14 07:17:20.12 0.84 1.33 48.6397 18.5681 5.6 3.2 35 0.0f 18 11 122 0.23 1.40 sx BUD 17003114 BUD 159

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 9 BUD 17003114

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.23 129.2 Pg 07:17:25.750 0.7 T__ 58.8 ___ ML 0.7 6935645 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.23 129.2 Lg 07:17:27.750 -0.9 T__ ___ 6935653 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
A331A 0.56 336.0 Pg 07:17:31.500 0.3 T__ 97.9 ___ ML 1.8 6935644 FDSN Z3 00 BUD iLoc HHZ HHZ _
A331A 0.56 336.0 Lg 07:17:39.062 0.1 T__ ___ 6935654 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JAVC 0.63 290.6 Pg 07:17:33.750 0.5 T__ 64.3 ___ ML 1.7 6935643 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.63 290.6 Lg 07:17:42.312 -0.9 T__ ___ 6935655 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 0.90 253.2 Lg 07:17:51.463 -0.6 T__ ___ 6935656 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.14 128.7 Sn 07:17:57.624 -3.0 T__ ___ 6935657 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.16 130.7 Pn 07:17:42.790 0.1 T__ 34.0 ___ ML 1.7 6935646 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.16 130.7 Sn 07:17:57.852 -2.6 T__ ___ 6935658 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 1.28 96.3 Pn 07:17:44.264 -0.2 T__ 90.1 ___ ML 2.2 6935647 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
JOS 1.32 95.5 Pn 07:17:44.853 -0.0 T__ 27.9 ___ ML 1.7 6935648 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.32 95.5 Sn 07:18:02.478 -2.0 T__ ___ 6935659 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORC 1.32 329.8 Pg 07:17:45.434 0.7 T__ 49.5 ___ ML 1.9 6935649 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.38 55.0 Pg 07:17:46.408 0.3 T__ 24.9 ___ ML 1.7 6935652 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.38 55.0 Lg 07:18:04.783 -0.8 T__ ___ 6935651 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 1.40 110.9 Pn 07:17:46.089 -0.1 T__ 32.9 ___ ML 1.8 6935650 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.40 110.9 Sn 07:18:05.214 -1.6 T__ ___ 6935660 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```


| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/10/14 | 07:35:33.52 | 1.16 | 0.90 | 48.0347 | 20.3477 | 11.2 | 4.6 | 140 | 0.0f | 7 | 5 | 190 | 0.15 | 0.48 | kx | BUD | 17003116 | BUD | | | | 228 |
| 2021/10/14 | 07:35:32.69 | 0.98 | 1.20 | 47.9767 | 20.3679f | | | | 0.0f | 7 | 5 | 218 | 0.18 | 0.53 | kx | BUD_GT | 17003117 | BUD_GT | | | | 241 |

(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.18 | 35.8 | Pg | 07:35:37.587 | 0.6 | | | | | T__ | | 102.9 | | _c_ | ML | 0.8 | 6935704 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.18 | 35.8 | Lg | 07:35:39.165 | -1.3 | | | | | T__ | | | | --- | | 6935705 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.32 | 259.8 | Lg | 07:35:45.995 | 0.4 | | | | | T__ | | | | --- | | 6935706 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.35 | 253.9 | Lg | 07:35:46.542 | 0.5 | | | | | T__ | | | | --- | | 6935707 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.51 | 8.8 | Lg | 07:35:49.363 | -1.7 | | | | | T__ | | | | --- | | 6935708 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.53 | 12.4 | Pg | 07:35:43.925 | 0.5 | | | | | T__ | | 25.2 | | --- | ML | 1.2 | 6935710 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 12.4 | Lg | 07:35:49.925 | -1.7 | | | | | T__ | | | | --- | | 6935709 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/10/14 | 07:54:43.47 | 1.20 | 1.00 | 47.3206 | 18.3219 | 7.2 | 4.9 | 91 | 0.0f | 12 | 10 | 107 | 0.06 | 1.24 | sx | BUD | 17003118 | BUD | | | | | 125 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 315.5 | Pg | 07:54:46.294 | 0.9 | | | | | T__ | | 1029.9 | | _c_ | ML | 1.5 | 6935780 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 315.5 | Lg | 07:54:46.888 | -0.4 | | | | | T__ | | | | --- | | 6935779 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.08 | 256.4 | Lg | 07:54:47.411 | -0.5 | | | | | T__ | | | | --- | | 6935786 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MSW1 | 0.08 | 329.4 | Pg | 07:54:46.479 | 0.7 | | | | | T__ | | 653.5 | | --- | ML | 1.3 | 6935787 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 329.4 | Lg | 07:54:47.209 | -1.0 | | | | | T__ | | | | --- | | 6935788 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.29 | 292.4 | Lg | 07:54:53.746 | -1.4 | | | | | T__ | | | | --- | | 6935777 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.32 | 7.3 | Lg | 07:54:55.365 | -0.9 | | | | | T__ | | | | --- | | 6935778 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.13 | 168.6 | Lg | 07:55:21.266 | -1.0 | | | | | T__ | | | | --- | | 6935781 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.19 | 61.4 | Sn | 07:55:23.693 | -0.6 | | | | | T__ | | | | --- | | 6935782 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.22 | 60.1 | Sn | 07:55:24.382 | -1.2 | | | | | T__ | | | | --- | | 6935784 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.22 | 16.2 | Sn | 07:55:24.678 | -1.0 | | | | | T__ | | | | --- | | 6935785 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.24 | 187.1 | Sn | 07:55:25.039 | -0.2 | | | | | T__ | | | | --- | | 6935783 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|-----|
| 2021/10/14 | 09:45:33.18 | 1.26 | 1.27 | 47.5590 | 18.4897 | 10.2 | 3.3 | 103 | 0.0f | 9 | 5 | 202 | 0.11 | 0.96 | kx | BUD | 17003122 | BUD | | | | | 258 |
| 2021/10/14 | 09:45:33.43 | 0.94 | 1.09 | 47.5600 | 18.4573f | | | | 0.0f | 9 | 5 | 197 | 0.09 | 0.97 | kx | BUD_GT | 17003123 | BUD_GT | | | | | 245 |

(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.2 0.0 5 BUD_GT 17003123

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 09:45:36.775 | 0.9 | | | | | T__ | | 837.0 | | --- | ML | 1.5 | 6935944 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 09:45:37.494 | -0.7 | | | | | T__ | | | | --- | | 6935947 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.21 | 218.9 | Pg | 09:45:38.754 | 0.5 | | | | | T__ | | 131.5 | | --- | ML | 1.0 | 6935950 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.21 | 218.9 | Lg | 09:45:41.455 | -1.1 | | | | | T__ | | | | --- | | 6935951 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 09:45:39.483 | 0.8 | | | | | T__ | | 188.7 | | --- | ML | 1.2 | 6935945 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 09:45:42.742 | -0.6 | | | | | T__ | | | | --- | | 6935948 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.31 | 213.1 | Pg | 09:45:40.789 | 0.8 | | | | | T__ | | 65.9 | | --- | ML | 1.0 | 6935952 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.97 | 15.1 | Pn | 09:45:53.588 | 0.2 | | | | | T__ | | 14.7 | | --- | ML | 1.2 | 6935946 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.97 | 15.1 | Lg | 09:46:05.047 | -2.3 | | | | | T__ | | | | --- | | 6935949 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/14 | 10:00:36.32 | 0.93 | 1.50 | 48.0971 | 19.0577 | 4.7 | 3.7 | 35 | 0.0f | | 14 | 10 | 87 | 0.25 | 1.20 | sx | BUD | 17003124 | BUD | | | 124 |

Magnitude Err Nsta Author OrigID
ML 1.6 0.3 4 BUD 17003124

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.25 | 186.0 | Lg | 10:00:47.338 | 0.9 | | | | | T__ | | | | --- | | 6936045 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| VYHS | 0.42 | 339.7 | Pg | 10:00:45.910 | 0.8 | | | | | T__ | | 21.8 | | --- | ML | 0.8 | 6936040 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.42 | 339.7 | Lg | 10:00:51.410 | -0.2 | | | | | T__ | | | | --- | | 6936039 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.59 | 111.5 | Lg | 10:00:55.471 | -2.4 | | | | | T__ | | | | --- | | 6936041 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.59 | 107.3 | Lg | 10:00:59.469 | 1.2 | | | | | T__ | | | | --- | | 6936048 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 0.98 | 88.0 | Pn | 10:00:57.281 | 0.9 | | | | | T__ | | 34.8 | | --- | ML | 1.6 | 6936037 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 88.0 | Lg | 10:01:10.298 | -1.8 | | | | | T__ | | | | --- | | 6936046 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 1.01 | 229.4 | Lg | 10:01:10.407 | -1.9 | | | | | T__ | | | | --- | | 6936049 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 1.03 | 67.4 | Pg | 10:00:57.372 | 0.6 | | | | | T__ | | 90.3 | | --- | ML | 2.0 | 6936042 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 1.03 | 67.4 | Lg | 10:01:12.026 | -0.7 | | | | | T__ | | | | --- | | 6936050 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.07 | 67.5 | Pn | 10:00:57.843 | 0.4 | | | | | T__ | | 35.2 | | --- | ML | 1.6 | 6936038 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.07 | 67.5 | Lg | 10:01:13.188 | -0.7 | | | | | T__ | | | | --- | | 6936047 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|--|--|--|--|-----|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| A331A | 1.19 | 332.5 | Lg | 10:01:16.360 | 0.4 | | | | | T__ | | | | | 6936044 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| JAVC | 1.20 | 310.1 | Lg | 10:01:16.017 | -2.7 | | | | | T__ | | | | | 6936043 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/14 | 10:05:02.76 | 1.52 | 0.54 | 48.4888 | 20.8020 | 11.5 | 5.9 | 22 | 0.0f | | 7 | 5 | 210 | 0.17 | 0.83 | sx | BUD | 17003126 | BUD | | | 294 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 272.4 | Pg | 10:05:06.874 | 0.4 | | | | | T__ | | 164.3 | | | ML | 1.0 | 6936075 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 272.4 | Lg | 10:05:09.156 | -0.3 | | | | | T__ | | | | | | 6936076 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | |
| KECS | 0.21 | 268.6 | Pg | 10:05:07.121 | -0.1 | | | | | T__ | | 270.4 | | | ML | 1.3 | 6936078 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.21 | 268.6 | Lg | 10:05:10.309 | -0.3 | | | | | T__ | | | | | | 6936077 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1) | | | | | | | | (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | |
| ABAH | 0.35 | 123.3 | Lg | 10:05:15.876 | -0.4 | | | | | T__ | | | | | | 6936079 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.41 | 206.9 | Lg | 10:05:18.841 | 0.5 | | | | | T__ | | | | | | 6936080 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.83 | 227.1 | Lg | 10:05:32.315 | -0.6 | | | | | T__ | | | | | | 6936081 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/10/14 | 10:19:26.98 | 0.98 | 1.01 | 47.8566 | 20.1601 | 5.6 | 3.2 | 163 | 0.0f | | 17 | 11 | 106 | 0.19 | 1.57 | kx | BUD | 17003128 | BUD | | | 211 |
| 2021/10/14 | 10:19:26.99 | 0.86 | 0.87 | 47.8650 | 20.1529f | | | | 0.0f | | 17 | 11 | 105 | 0.18 | 1.56 | kx | BUD_GT | 17003129 | BUD_GT | | | 209 |
| (locality : Kiszána Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.6 | 0.1 | 6 BUD_GT | 17003129 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 10:19:32.486 | 1.0 | | | | | T__ | | 652.0 | | | ML | 1.6 | 6936115 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 10:19:34.549 | -0.6 | | | | | T__ | | | | | | 6936120 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 10:19:32.486 | 1.0 | | | | | T__ | | 455.6 | | | ML | 1.5 | 6936116 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 10:19:34.736 | -0.2 | | | | | T__ | | | | | | 6936121 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | |
| HU23A | 0.24 | 163.9 | Lg | 10:19:36.078 | -0.6 | | | | | T__ | | | | | | 6936122 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.36 | 44.0 | Pg | 10:19:35.014 | 0.2 | | | | | T__ | | 177.3 | | | ML | 1.5 | 6936117 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.0 | Lg | 10:19:40.452 | -0.5 | | | | | T__ | | | | | | 6936123 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | |
| HU03A | 0.37 | 276.2 | Lg | 10:19:40.931 | -0.2 | | | | | T__ | | | | | | 6936124 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.66 | 19.7 | Pn | 10:19:41.692 | -0.6 | | | | | T__ | | 98.0 | | | ML | 1.9 | 6936126 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.66 | 19.7 | Lg | 10:19:50.285 | 0.0 | | | | | T__ | | | | | | 6936125 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | |
| JOS | 0.68 | 22.1 | Pg | 10:19:41.325 | 0.7 | | | | | T__ | | 32.3 | | | ML | 1.4 | 6936118 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |

JOS 0.68 22.1 Lg 10:19:51.200 0.1 T__ --- 6936127 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=0
 HU10A 0.76 268.9 Lg 10:19:52.664 -2.4 T__ --- 6936128 FDSN ZJ 00 BUD iLoc HHN ??? _
 ABAH 0.85 59.0 Pg 10:19:43.912 0.0 T__ 63.4 --- ML 1.8 6936119 FDSN HU -- BUD iLoc HHZ HHZ _
 ABAH 0.85 59.0 Lg 10:19:56.693 -0.9 T__ --- 6936129 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 VYHS 1.08 306.0 Lg 10:20:03.661 -1.0 T__ --- 6936130 FDSN SK -- BUD iLoc HHN ??? _
 NIE 1.56 3.5 Lg 10:20:18.050 -0.9 T__ --- 6936131 FDSN PL -- BUD iLoc BHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/14 | 13:17:35.07 | 0.96 | 1.29 | 48.8894 | 21.2125 | 5.2 | 4.4 | 155 | 0.0f | 16 | 9 | 134 | 0.59 | 1.62 | sx | BUD | 17003130 | BUD | | | | 226 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.0 | 6 BUD | 17003130 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|--|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.59 | 178.2 | Pg | 13:17:48.436 | 1.5 | | | | | T__ | | 64.6 | | --- | ML | 1.6 | 6936206 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.59 | 178.2 | Lg | 13:17:54.295 | -2.6 | | | | | T__ | | | | --- | | 6936217 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.60 | 228.8 | Pg | 13:17:47.928 | 1.0 | | | | | T__ | | 66.9 | | --- | ML | 1.7 | 6936205 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.60 | 228.8 | Lg | 13:17:54.897 | -1.0 | | | | | T__ | | | | --- | | 6936207 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.63 | 230.1 | Pg | 13:17:48.242 | 0.6 | | | | | T__ | | 113.0 | | --- | ML | 1.9 | 6936209 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.63 | 230.1 | Lg | 13:17:55.929 | -1.2 | | | | | T__ | | | | --- | | 6936208 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.70 | 86.0 | Pg | 13:17:48.849 | 0.3 | | | | | T__ | | | | --- | | 6936219 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.70 | 86.0 | Lg | 13:17:59.151 | -0.7 | | | | | T__ | | | | --- | | 6936218 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.80 | 311.8 | Pg | 13:17:50.876 | 0.7 | | | | | T__ | | 32.5 | | --- | ML | 1.5 | 6936211 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.80 | 311.8 | Lg | 13:18:00.688 | -0.9 | | | | | T__ | | | | --- | | 6936210 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.89 | 211.0 | Pg | 13:17:53.806 | 0.4 | | | | | T__ | | 42.4 | | --- | ML | 1.6 | 6936213 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.89 | 211.0 | Lg | 13:18:05.431 | -1.7 | | | | | T__ | | | | --- | | 6936212 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.31 | 222.6 | Pn | 13:18:00.605 | 0.8 | | | | | T__ | | 72.8 | | --- | ML | 2.1 | 6936215 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.31 | 222.6 | Sn | 13:18:17.792 | -1.7 | | | | | T__ | | | | --- | | 6936214 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.35 | 222.0 | Sn | 13:18:18.893 | -1.0 | | | | | T__ | | | | --- | | 6936216 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.62 | 256.8 | Sn | 13:18:27.300 | -0.0 | | | | | T__ | | | | --- | | 6936220 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/10/15 | 07:59:00.95 | 1.54 | 1.09 | 48.0412 | 19.6458 | 9.4 | 4.2 | 139 | 0.0f | 9 | 5 | 219 | 0.14 | 0.75 | kx | BUD | 17003134 | BUD | | | | 275 |
| 2021/10/15 | 07:59:01.23 | 0.95 | 1.21 | 48.0061 | 19.6278f | | | | 0.0f | 9 | 5 | 220 | 0.10 | 0.78 | kx | BUD_GT | 17003135 | BUD_GT | | | | 283 |

(locality : Nagylóc Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.2 0.1 5 BUD_GT 17003135

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-------|------|-------|-------|--|------|------|-------|------|------|-----|-----|-------|-----|--------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| HU03A | 0.10 | 190.5 | Pg | 07:59:04.540 | 0.7 | | | | | T__ | | 436.8 | | _c_ ML | 1.2 | 6936308 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.10 | 190.5 | Lg | 07:59:06.549 | 0.5 | | | | | T__ | | | | --- | | 6936311 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.20 | 116.0 | Pg | 07:59:06.334 | 0.3 | | | | | T__ | | 192.5 | | --- ML | 1.1 | 6936310 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.20 | 116.0 | Lg | 07:59:09.164 | -0.7 | | | | | T__ | | | | --- | | 6936312 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.21 | 127.7 | Pg | 07:59:06.887 | 0.9 | | | | | T__ | | 89.2 | | --- ML | 0.8 | 6936314 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.21 | 127.7 | Lg | 07:59:09.828 | 0.1 | | | | | T__ | | | | --- | | 6936313 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| | | | | (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.61 | 78.7 | Pg | 07:59:14.104 | -0.0 | | | | | T__ | | 45.8 | | --- ML | 1.5 | 6936309 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.61 | 78.7 | Lg | 07:59:20.849 | -3.1 | | | | | T__ | | | | --- | | 6936315 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.78 | 50.9 | Pg | 07:59:16.572 | -0.3 | | | | | T__ | | 28.8 | | --- ML | 1.4 | 6936307 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/10/15 | 08:16:34.70 | 0.94 | 1.01 | 47.8519 | 19.1539 | 9.8 | 3.0 | 176 | 0.0f | | 13 | 7 | 179 | 0.09 | 1.13 | kx | BUD | 17003136 | BUD | | | 255 |
| 2021/10/15 | 08:16:34.44 | 0.91 | 1.01 | 47.8355 | 19.1270f | | | | 0.0f | | 13 | 7 | 192 | 0.07 | 1.15 | kx | BUD_GT | 17003137 | BUD_GT | | | 258 |

(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 6 BUD_GT 17003137

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-------|------|-------|-------|--|------|------|-------|------|------|-----|-----|-------|-----|--------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 08:16:37.500 | 1.1 | | | | | T__ | | 768.8 | | --- ML | 1.4 | 6936379 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 08:16:38.054 | -0.3 | | | | | T__ | | | | --- | | 6936380 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.50 | 84.8 | Pg | 08:16:45.509 | 0.2 | | | | | T__ | | 41.7 | | --- ML | 1.3 | 6936382 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.50 | 84.8 | Lg | 08:16:52.155 | -1.0 | | | | | T__ | | | | --- | | 6936381 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.52 | 80.6 | Pg | 08:16:46.519 | 0.7 | | | | | T__ | | 54.2 | | --- ML | 1.5 | 6936384 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.52 | 80.6 | Lg | 08:16:52.944 | -1.3 | | | | | T__ | | | | --- | | 6936383 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| VVHS | 0.69 | 343.6 | Lg | 08:16:58.240 | -0.5 | | | | | T__ | | | | --- | | 6936385 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| HU02A | 0.98 | 72.5 | Pg | 08:16:55.103 | 0.4 | | | | | T__ | | 40.7 | | --- ML | 1.7 | 6936387 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 72.5 | Lg | 08:17:08.063 | -2.2 | | | | | T__ | | | | --- | | 6936386 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 1.12 54.0 Pg 08:16:57.311 0.6 T__ 88.5 ___ ML 2.1 6936389 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.12 54.0 Sn 08:17:12.320 -1.2 T__ ___ 6936388 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 1.15 54.5 Pg 08:16:57.713 0.4 T__ 54.7 ___ ML 1.9 6936390 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.15 54.5 Sn 08:17:13.443 -0.9 T__ ___ 6936391 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/15 08:18:56.05 4.28 0.81 46.8566 22.6847 30.6 18.8 22 0.0f 6 4 293 0.07 1.47 sx BUD 17003138 BUD 313

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.07 164.4 Pg 08:18:57.815 0.0 T__ 307.1 ___ ML 1.0 6936418 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.07 164.4 Lg 08:18:59.467 0.0 T__ ___ 6936420 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
SIRR 0.92 230.6 Lg 08:19:27.990 -0.0 T__ ___ 6936421 FDSN RO -- BUD iLoc HHN ??? _
BZS 1.44 211.3 Sn 08:19:43.498 0.6 T__ ___ 6936423 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.47 177.5 Pn 08:19:23.236 0.0 T__ 38.3 ___ ML 1.9 6936419 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.47 177.5 Sn 08:19:42.667 -1.2 T__ ___ 6936422 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/15 09:00:04.93 1.07 0.59 48.3936 17.2994 9.0 3.0 118 0.0f 9 5 188 0.02 1.07 sx BUD 17003142 BUD 257

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 3 BUD 17003142

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.02 216.2 Pg 09:00:06.375 0.3 T__ _c_ 6936480 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.02 216.2 Lg 09:00:06.915 -0.4 T__ ___ 6936479 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.53 27.7 Pg 09:00:16.261 0.3 T__ 134.5 ___ ML 1.9 6936482 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.53 27.7 Lg 09:00:23.974 -0.5 T__ ___ 6936481 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KRUC 0.90 318.5 Pg 09:00:22.863 0.7 T__ 34.6 ___ ML 1.5 6936486 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.90 318.5 Lg 09:00:34.493 -0.9 T__ ___ 6936487 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
RONA 0.97 224.5 Pg 09:00:24.078 -0.0 T__ 49.2 ___ ML 1.7 6936485 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.97 224.5 Lg 09:00:36.498 -0.3 T__ ___ 6936483 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CONA 1.07 244.7 Lg 09:00:39.833 -0.0 T__ ___ 6936484 FDSN OE -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/10/15 | 09:12:22.60 | 1.08 | 1.76 | 47.2464 | 18.3620 | 8.3 | 4.7 | 57 | 0.0f | | 11 | 9 | 93 | 0.12 | 1.24 | kx | BUD | 17003144 | BUD | | | 129 |
| 2021/10/15 | 09:12:22.85 | 0.94 | 1.46 | 47.2302 | 18.2835f | | | | 0.0f | | 11 | 9 | 97 | 0.09 | 1.29 | kx | BUD_GT | 17003145 | BUD_GT | | | 158 |

(locality : Iszkaszentgyörgy Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 0.9 | 0.0 | 3 BUD_GT | 17003145 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.09 | 325.6 | Lg | 09:12:26.607 | -1.1 | | | | | T__ | | | | | | 6936547 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.13 | 353.3 | Pg | 09:12:26.154 | -0.0 | | | | | T__ | | 175.2 | | | ML | 0.9 | 6936540 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 353.3 | Lg | 09:12:27.822 | -1.5 | | | | | T__ | | | | | | 6936541 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.16 | 354.2 | Pg | 09:12:27.302 | 0.6 | | | | | T__ | | 121.8 | | | ML | 0.8 | 6936549 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.16 | 354.2 | Lg | 09:12:29.121 | -1.2 | | | | | T__ | | | | | | 6936548 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.19 | 325.1 | Pg | 09:12:29.795 | 2.6 | | | | | T__ | | 118.3 | | | ML | 0.9 | 6936550 | FDSN | HU | -- | BUD | iLoc | HHN | HHZ | _ |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.51 | 263.5 | Lg | 09:12:40.307 | -1.2 | | | | | T__ | | | | | | 6936542 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A272A | 0.67 | 135.9 | Lg | 09:12:45.159 | -2.5 | | | | | T__ | | | | | | 6936543 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.05 | 166.2 | Lg | 09:12:58.315 | -0.6 | | | | | T__ | | | | | | 6936544 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 1.26 | 58.3 | Sn | 09:13:04.194 | -1.1 | | | | | T__ | | | | | | 6936545 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.29 | 57.1 | Sn | 09:13:06.534 | -0.1 | | | | | T__ | | | | | | 6936546 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/15 | 09:55:40.80 | 2.74 | 0.73 | 46.7906 | 22.7819 | 23.5 | 6.7 | 34 | 0.0f | | 9 | 5 | 241 | 0.05 | 1.51 | sx | BUD | 17003146 | BUD | | | 276 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.2 | 4 BUD | 17003146 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.05 | 271.2 | Pg | 09:55:42.271 | 0.1 | | | | | T__ | | 398.1 | | | ML | 1.0 | 6936578 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.05 | 271.2 | Lg | 09:55:43.525 | -0.0 | | | | | T__ | | | | | | 6936579 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.93 | 236.4 | Lg | 09:56:12.575 | -0.6 | | | | | T__ | | | | | | 6936580 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.40 | 180.1 | Pg | 09:56:07.707 | 0.4 | | | | | T__ | | 52.4 | | | ML | 2.0 | 6936582 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.40 | 180.1 | Sn | 09:56:26.594 | -0.4 | | | | | T__ | | | | | | 6936581 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.43 | 215.0 | Pg | 09:56:08.352 | 0.0 | | | | | T__ | | 46.7 | | | ML | 2.0 | 6936583 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.43 | 215.0 | Sn | 09:56:27.127 | -0.0 | | | | | T__ | | | | | | 6936584 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.51 | 152.6 | Pg | 09:56:09.278 | -0.2 | | | | | T__ | | 67.5 | | | ML | 2.2 | 6936586 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |

LOT 1.51 152.6 Sn 09:56:28.663 -1.6 T__ --- 6936585 FDSN RO -- BUD iLoc HHN ??? _
 (Reading ML: 2.2 magdef=1
 (Station ML: 2.2 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/15 | 11:32:20.70 | 0.97 | 0.98 | 48.6036 | 19.6853 | 6.2 | 3.6 | 2 | 0.0f | 11 | 6 | 126 | 0.55 | 0.91 | sx | BUD | 17003148 | BUD | | | | 217 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 5 BUD | 17003148 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.55 | 102.5 | Pg | 11:32:32.204 | 0.6 | | | | | T__ | | 108.4 | | --- | ML | 1.8 | 6936801 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.55 | 102.5 | Lg | 11:32:40.219 | 0.3 | | | | | T__ | | | | --- | | 6936796 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.57 | 259.3 | Pg | 11:32:33.344 | 0.9 | | | | | T__ | | 15.1 | | --- | ML | 1.0 | 6936798 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.57 | 259.3 | Lg | 11:32:39.579 | -1.3 | | | | | T__ | | | | --- | | 6936806 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.58 | 100.4 | Pg | 11:32:32.824 | 0.6 | | | | | T__ | | 72.5 | | --- | ML | 1.7 | 6936802 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.58 | 100.4 | Lg | 11:32:40.666 | -0.3 | | | | | T__ | | | | --- | | 6936797 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.70 | 168.4 | Pg | 11:32:35.598 | 0.0 | | | | | T__ | | 53.5 | | --- | ML | 1.6 | 6936800 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.70 | 168.4 | Lg | 11:32:45.758 | -0.5 | | | | | T__ | | | | --- | | 6936799 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.74 | 130.4 | Pg | 11:32:36.459 | 0.5 | | | | | T__ | | 34.0 | | --- | ML | 1.4 | 6936804 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.74 | 130.4 | Lg | 11:32:46.299 | -1.2 | | | | | T__ | | | | --- | | 6936803 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.91 | 26.2 | Lg | 11:32:49.342 | -1.5 | | | | | T__ | | | | --- | | 6936805 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/10/15 | 11:58:17.13 | 0.95 | 1.22 | 48.7824 | 21.6341 | 7.4 | 3.9 | 157 | 0.0f | 16 | 9 | 123 | 0.45 | 1.48 | sx | BUD | 17003152 | BUD | | | | | 190 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.1 | 6 BUD | 17003152 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOLS | 0.45 | 70.1 | Pg | 11:58:26.107 | 0.2 | | | | | T__ | | | | --- | | 6936921 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.45 | 70.1 | Lg | 11:58:32.769 | -0.6 | | | | | T__ | | | | --- | | 6936922 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.55 | 208.5 | Pg | 11:58:28.338 | 0.1 | | | | | T__ | | 76.4 | | --- | ML | 1.7 | 6936923 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.55 | 208.5 | Lg | 11:58:36.105 | -1.4 | | | | | T__ | | | | --- | | 6936932 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.78 | 248.9 | Pg | 11:58:33.890 | 1.3 | | | | | T__ | | 92.5 | | --- | ML | 1.9 | 6936924 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.78 | 248.9 | Lg | 11:58:43.594 | -0.7 | | | | | T__ | | | | --- | | 6936933 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KECS | 0.82 | 249.0 | Pg | 11:58:34.377 | 1.0 | T__ | 195.6 | --- | ML | 2.2 | 6936926 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.82 | 249.0 | Lg | 11:58:45.326 | -0.3 | T__ | | --- | | | 6936925 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.89 | 136.9 | Pg | 11:58:35.449 | 1.1 | T__ | 106.1 | --- | ML | 2.0 | 6936934 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.89 | 136.9 | Lg | 11:58:49.243 | 0.5 | T__ | | --- | | | 6936935 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.99 | 228.6 | Pn | 11:58:36.904 | -0.4 | T__ | 71.7 | --- | ML | 1.9 | 6936927 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.99 | 228.6 | Lg | 11:58:49.478 | -2.9 | T__ | | --- | | | 6936928 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 1.08 | 306.5 | Pn | 11:58:38.949 | 0.1 | T__ | 39.6 | --- | ML | 1.7 | 6936929 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.08 | 306.5 | Lg | 11:58:51.937 | -1.7 | T__ | | --- | | | 6936936 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.45 | 234.0 | Sn | 11:59:04.037 | -0.8 | T__ | | --- | | | 6936930 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 1.48 | 233.1 | Sn | 11:59:04.999 | -0.3 | T__ | | --- | | | 6936931 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/15 | 15:53:36.96 | 1.03 | 1.45 | 48.8704 | 21.6950 | 9.2 | 5.2 | 161 | 0.0f | | 12 | 8 | 138 | 0.39 | 1.93 | sx | BUD | 17003154 | BUD | | | 201 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.0 | 3 BUD | 17003154 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOLS | 0.39 | 80.4 | Pg | 15:53:44.555 | -0.0 | | | | | T__ | | | | | | 6936972 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.39 | 80.4 | Lg | 15:53:49.927 | -1.2 | | | | | T__ | | | | | | 6936971 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.65 | 207.9 | Lg | 15:53:59.103 | -1.6 | | | | | T__ | | | | | | 6936979 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.85 | 244.4 | Pn | 15:53:56.111 | 1.0 | | | | | T__ | 49.9 | | | --- | ML | 1.7 | 6936980 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.85 | 244.4 | Lg | 15:54:05.268 | -1.3 | | | | | T__ | | | | | | 6936973 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.89 | 244.7 | Lg | 15:54:06.545 | -1.3 | | | | | T__ | | | | | | 6936974 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| TRPA | 0.93 | 142.5 | Pg | 15:53:56.428 | 1.5 | | | | | T__ | 45.6 | | | --- | ML | 1.7 | 6936976 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.93 | 142.5 | Lg | 15:54:09.173 | -0.6 | | | | | T__ | | | | | | 6936975 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.07 | 301.4 | Lg | 15:54:14.257 | 1.4 | | | | | T__ | | | | | | 6936981 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU02A | 1.08 | 226.5 | Pn | 15:53:59.890 | 1.5 | | | | | T__ | 27.8 | | | --- | ML | 1.5 | 6936982 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.08 | 226.5 | Lg | 15:54:12.907 | -2.0 | | | | | T__ | | | | | | 6936977 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.93 | 259.8 | Lg | 15:54:40.966 | -0.3 | | | | | T__ | | | | | | 6936978 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/16 | 23:35:27.68 | 2.39 | 0.58 | 45.9275 | 18.6657 | 15.8 | 7.2 | 175 | 10.0f | | 6 | 4 | 253 | 0.29 | 0.66 | ke | BUD | 17003156 | BUD | | | 296 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MORH | 0.29 | 356.9 | Pg | 23:35:34.112 | 0.3 | | | | | T__ | | 54.0 | | _c | ML | 0.8 | 6937212 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.29 | 356.9 | Lg | 23:35:38.349 | -0.1 | | | | | T__ | | | | --- | | 6937215 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.8 magdef=1) | | | | | | | | (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | |
| KOVH | 0.43 | 292.4 | Lg | 23:35:42.115 | -0.5 | | | | | T__ | | | | --- | | 6937211 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU22A | 0.51 | 38.8 | Pg | 23:35:38.324 | 0.3 | | | | | T__ | | 98.5 | | --- | ML | 1.7 | 6937210 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU22A | 0.51 | 38.8 | Lg | 23:35:45.715 | -0.7 | | | | | T__ | | | | --- | | 6937213 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | |
| A266A | 0.66 | 335.2 | Lg | 23:35:50.229 | -0.1 | | | | | T__ | | | | --- | | 6937214 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/17 | 23:20:25.64 | 1.27 | 0.82 | 48.1566 | 22.6378 | 9.2 | 7.2 | 25 | 6.4 | 10.1 | 54 | 27 | 127 | 0.07 | 2.82 | ke | BUD | 17003158 | BUD | | | 146 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.4 | 0.2 | 20 BUD | 17003158 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TRPA | 0.07 | 248.4 | Pg | 23:20:28.321 | 0.7 | | | | | T__ | | 5816.4 | | _d | ML | 2.3 | 6937522 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.07 | 248.4 | Lg | 23:20:29.851 | 0.5 | | | | | T__ | | | | --- | | 6937523 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.3 magdef=1) | | | | | | | | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | |
| HU07A | 0.52 | 250.4 | Pg | 23:20:37.158 | 1.3 | | | | | T__ | | 746.4 | | --- | ML | 2.6 | 6937521 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 2.6 magdef=1) | | | | | | | | (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | |
| BMR | 0.75 | 129.6 | Pg | 23:20:40.163 | -0.2 | | | | | T__ | | 2184.6 | | --- | ML | 3.3 | 6937528 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BMR | 0.75 | 129.6 | Lg | 23:20:50.506 | -1.4 | | | | | T__ | | | | --- | | 6937539 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 3.3 magdef=1) | | | | | | | | (Station ML: 3.3 magdef=0) | | | | | | | | | | | | | |
| KOLS | 0.81 | 342.8 | Pn | 23:20:42.939 | 0.2 | | | | | T__ | | | | --- | | 6937524 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.81 | 342.8 | Lg | 23:20:53.919 | 0.1 | | | | | T__ | | | | --- | | 6937540 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| LTVH | 0.92 | 213.1 | Pg | 23:20:44.316 | 0.2 | | | | | T__ | | 243.0 | | --- | ML | 2.4 | 6937525 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| LTVH | 0.92 | 213.1 | Sn | 23:20:57.251 | -1.2 | | | | | T__ | | | | --- | | 6937561 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.4 magdef=1) | | | | | | | | (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | |
| ABAH | 0.95 | 279.0 | Pn | 23:20:44.330 | 0.1 | | | | | T__ | | 367.0 | | --- | ML | 2.6 | 6937520 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.95 | 279.0 | Lg | 23:20:57.553 | -0.6 | | | | | T__ | | | | --- | | 6937541 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.6 magdef=1) | | | | | | | | (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | |
| DRGR | 1.37 | 177.9 | Pn | 23:20:50.442 | -0.0 | | | | | T__ | | 103.4 | | --- | ML | 2.3 | 6937529 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 1.37 | 177.9 | Pg | 23:20:51.882 | -0.3 | | | | | T__ | | | | --- | | 6937543 | FDSN | RO | -- | BUD | iLoc | HHZ | ??? | _ | |
| DRGR | 1.37 | 177.9 | Sn | 23:21:08.248 | -1.8 | | | | | T__ | | | | --- | | 6937542 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.3 magdef=1) | | | | | | | | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | |
| HU02A | 1.42 | 269.4 | Pn | 23:20:51.856 | 0.9 | | | | | T__ | | 96.0 | | --- | ML | 2.3 | 6937554 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.42 | 269.4 | Sn | 23:21:10.567 | -0.2 | | | | | T__ | | | | --- | | 6937553 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.3 magdef=1) | | | | | | | | (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | |
| JOS | 1.44 | 284.4 | Pn | 23:20:51.489 | 0.3 | | | | | T__ | | 91.5 | | --- | ML | 2.3 | 6937555 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.44 | 284.4 | Sn | 23:21:11.612 | 0.5 | | | | | T__ | | | | --- | | 6937556 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.47 | 283.6 | Pn | 23:20:52.091 | 0.5 | T__ | 152.8 | ___ | ML | 2.5 | 6937530 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 1.47 | 283.6 | Sn | 23:21:12.383 | 0.5 | T__ | | --- | | | 6937531 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| (Reading ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| KWP | 1.48 | 1.8 | Sn | 23:21:13.098 | -0.5 | T__ | | --- | | | 6937572 | FDSN | PL | -- | BUD | iLoc | HHE | ??? | _ | |
| ARCR | 1.58 | 132.1 | Pn | 23:20:53.747 | 0.2 | T__ | 288.2 | --- | ML | 2.8 | 6937545 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ARCR | 1.58 | 132.1 | Pg | 23:20:56.322 | 0.2 | T__ | | --- | | | 6937546 | FDSN | RO | -- | BUD | iLoc | HHZ | ??? | _ | |
| ARCR | 1.58 | 132.1 | Sn | 23:21:14.627 | -0.6 | T__ | | --- | | | 6937544 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.8 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| CJR | 1.58 | 155.3 | Pn | 23:20:53.761 | 0.1 | T__ | 177.0 | --- | ML | 2.6 | 6937532 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CJR | 1.58 | 155.3 | Sn | 23:21:14.676 | -0.7 | T__ | | --- | | | 6937533 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| HU24A | 1.60 | 219.3 | Lg | 23:21:18.351 | -0.5 | T__ | | --- | | | 6937557 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU23A | 1.69 | 253.0 | Sn | 23:21:17.193 | 0.5 | T__ | | --- | | | 6937573 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU23A | 1.69 | 253.0 | Lg | 23:21:21.683 | -0.2 | T__ | | --- | | | 6937547 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| BSZH | 1.82 | 242.7 | Sn | 23:21:20.677 | 1.1 | T__ | | --- | | | 6937558 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| BSZH | 1.82 | 242.7 | Lg | 23:21:25.861 | -0.2 | T__ | | --- | | | 6937548 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.86 | 263.6 | Pn | 23:20:57.526 | 0.3 | T__ | 67.1 | --- | ML | 2.4 | 6937526 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 1.86 | 263.6 | Pg | 23:20:59.489 | -2.7 | T__ | | --- | | | 6937559 | FDSN | GE | -- | BUD | iLoc | HHZ | ??? | _ | |
| PSZ | 1.86 | 263.6 | Sn | 23:21:22.670 | 1.2 | T__ | | --- | | | 6937534 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.88 | 262.5 | Pn | 23:20:58.467 | 1.2 | T__ | 49.5 | --- | ML | 2.2 | 6937536 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ET1H | 1.88 | 262.5 | Sn | 23:21:22.947 | 1.5 | T__ | | --- | | | 6937535 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| NIE | 2.00 | 310.1 | Pn | 23:21:00.655 | 1.4 | T__ | 28.1 | --- | ML | 2.1 | 6937527 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ | |
| NIE | 2.00 | 310.1 | Sn | 23:21:26.187 | 0.8 | T__ | | --- | | | 6937551 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| SIRR | 2.00 | 199.8 | Pn | 23:20:59.405 | 0.2 | T__ | 25.0 | --- | ML | 2.0 | 6937537 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| SIRR | 2.00 | 199.8 | Pg | 23:21:03.947 | -0.7 | T__ | | --- | | | 6937549 | FDSN | RO | -- | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| HU06A | 2.02 | 225.0 | Lg | 23:21:32.184 | 0.2 | T__ | | --- | | | 6937550 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU03A | 2.05 | 264.1 | Lg | 23:21:34.060 | 0.3 | T__ | | --- | | | 6937552 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| DEV | 2.28 | 175.3 | Pg | 23:21:07.843 | -1.1 | T__ | 57.2 | --- | ML | 2.5 | 6937560 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| VYHS | 2.56 | 279.0 | Pn | 23:21:07.461 | 0.4 | T__ | 17.4 | --- | ML | 2.2 | 6937538 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0 | | | | | | | | | | | | | | | | | | | | |
| BZS | 2.64 | 195.8 | Pn | 23:21:07.993 | -0.1 | T__ | 27.7 | --- | ML | 2.4 | 6937562 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| BZS | 2.64 | 195.8 | Pg | 23:21:15.321 | -0.8 | T__ | | --- | | | 6937563 | FDSN | RO | -- | BUD | iLoc | HHZ | ??? | _ | |
| BZS | 2.64 | 195.8 | Sn | 23:21:40.680 | 0.8 | T__ | | --- | | | 6937564 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| BZS | 2.64 | 195.8 | Lg | 23:21:49.588 | -0.1 | T__ | | --- | | | 6937565 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | |
| GZR | 2.77 | 178.0 | Pn | 23:21:09.861 | -0.5 | T__ | 40.0 | --- | ML | 2.6 | 6937567 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | |
| GZR | 2.77 | 178.0 | Pg | 23:21:17.763 | -0.2 | T__ | | --- | | | 6937566 | FDSN | RO | -- | BUD | iLoc | HHZ | ??? | _ | |

```

GZR 2.77 178.0 Lg 23:21:54.042 0.0 T__ --- 6937568 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
LOT 2.82 163.6 Pn 23:21:10.651 -0.7 T__ 66.0 --- ML 2.9 6937569 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 2.82 163.6 Pg 23:21:18.338 -0.7 T__ --- 6937570 FDSN RO -- BUD iLoc HHZ ??? _
LOT 2.82 163.6 Sn 23:21:45.780 -0.1 T__ --- 6937571 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/18 06:33:55.10 1.84 0.72 48.2359 21.2178 13.0 4.4 139 0.0f 9 5 130 0.06 1.76 sx BUD 17003162 BUD 242

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.4 4 BUD 17003162

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.06 13.6 Pg 06:33:57.294 0.4 T__ 337.2 --- ML 1.0 6937691 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.06 13.6 Lg 06:33:57.634 -1.1 T__ --- 6937692 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.48 256.5 Pg 06:34:05.396 0.1 T__ 41.6 --- ML 1.2 6937693 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 256.5 Lg 06:34:12.268 -0.8 T__ --- 6937694 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
JOS 0.52 300.2 Pg 06:34:06.221 0.6 T__ 59.8 --- ML 1.5 6937695 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 300.2 Lg 06:34:13.147 -0.5 T__ --- 6937696 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.55 297.2 Pg 06:34:06.733 0.6 T__ 86.3 --- ML 1.7 6937697 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.55 297.2 Lg 06:34:14.073 -0.5 T__ --- 6937690 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 1.76 144.4 Sn 06:34:50.114 -0.1 T__ --- 6937698 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/18 07:18:53.69 1.17 0.83 47.9782 16.6420 9.4 4.9 126 0.0f 8 6 173 0.36 1.12 sx BUD 17003164 BUD 182

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.36 220.0 Pg 07:19:01.363 0.2 T__ 58.4 --- ML 1.1 6937723 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.36 220.0 Lg 07:19:05.323 -0.9 T__ --- 6937724 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
CONA 0.53 264.8 Pg 07:19:04.513 0.3 T__ 45.9 --- ML 1.4 6937726 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.53 264.8 Lg 07:19:10.772 -0.5 T__ --- 6937725 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MODS 0.58 46.8 Lg 07:19:14.887 -0.2 T__ --- 6937727 FDSN SK -- BUD iLoc HHN ??? _
ARSA 1.05 226.5 Lg 07:19:27.893 0.7 T__ --- 6937728 FDSN OE -- BUD iLoc HHN ??? _

```

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KRUC | 1.10 | 351.5 | Lg | 07:19:30.838 | -0.1 | T__ | --- | 6937729 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 1.12 | 37.5 | Sn | 07:19:32.185 | -1.3 | T__ | --- | 6937730 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/10/18 | 09:01:21.29 | 1.05 | 1.06 | 48.5332 | 20.8008 | 6.1 | 3.7 | 10 | 0.0f | 13 | 9 | 87 | 0.18 | 1.31 | sx | BUD | 17003166 | BUD | | | 158 | |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.2 | 0.0 | 4 BUD | 17003166 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| JOS | 0.18 | 257.9 | Pg | 09:01:25.520 | 0.5 | | | | | T__ | | 258.5 | | --- | ML | 1.2 | 6937886 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.18 | 257.9 | Lg | 09:01:27.950 | -0.1 | | | | | T__ | | | | --- | | 6937878 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 256.7 | Pg | 09:01:26.309 | 0.5 | | | | | T__ | | 651.0 | | --- | ML | 1.7 | 6937879 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.22 | 256.7 | Lg | 09:01:29.161 | -0.2 | | | | | T__ | | | | --- | | 6937887 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.38 | 128.9 | Pg | 09:01:29.716 | 0.6 | | | | | T__ | | 73.7 | | --- | ML | 1.2 | 6937880 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.38 | 128.9 | Lg | 09:01:35.116 | -0.6 | | | | | T__ | | | | --- | | 6937888 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.45 | 204.2 | Pg | 09:01:31.228 | 0.4 | | | | | T__ | | 42.7 | | --- | ML | 1.2 | 6937889 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.45 | 204.2 | Lg | 09:01:37.846 | -0.4 | | | | | T__ | | | | --- | | 6937881 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.86 | 224.9 | Lg | 09:01:51.236 | -1.3 | | | | | T__ | | | | --- | | 6937882 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.90 | 223.9 | Lg | 09:01:52.433 | -1.0 | | | | | T__ | | | | --- | | 6937883 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.95 | 339.7 | Lg | 09:01:51.885 | -0.7 | | | | | T__ | | | | --- | | 6937890 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |
| KOLS | 1.05 | 67.1 | Lg | 09:01:55.709 | -2.0 | | | | | T__ | | | | --- | | 6937884 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 1.31 | 269.0 | Sn | 09:02:03.884 | -1.6 | | | | | T__ | | | | --- | | 6937885 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/10/18 | 09:17:00.17 | 0.97 | 1.27 | 46.0564 | 22.0301 | 6.9 | 4.6 | 47 | 0.0f | 9 | 5 | 96 | 0.33 | 1.36 | sx | BUD | 17003168 | BUD | | | 178 | |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.6 | 0.2 | 4 BUD | 17003168 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| SIRR | 0.33 | 309.5 | Pg | 09:17:07.924 | 0.6 | | | | | T__ | | 90.3 | | --- | ML | 1.2 | 6937959 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.33 | 309.5 | Lg | 09:17:12.064 | -0.9 | | | | | T__ | | | | --- | | 6937960 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.53 | 213.5 | Lg | 09:17:17.240 | -1.0 | | | | | T__ | | | | --- | | 6937961 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.84 | 141.5 | Pg | 09:17:16.883 | 0.6 | | | | | T__ | | 42.0 | | --- | ML | 1.6 | 6937963 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.84 | 141.5 | Lg | 09:17:28.153 | -0.0 | | | | | T__ | | | | --- | | 6937962 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.87 | 32.4 | Pg | 09:17:17.963 | 0.3 | | | | | T__ | | 51.3 | | --- | ML | 1.7 | 6937958 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.87 | 32.4 | Lg | 09:17:29.275 | -1.4 | | | | | T__ | | | | --- | | 6937964 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1
 LOT 1.36 115.9 Pn 09:17:27.165 0.9 T__ 45.2 ___ ML 1.9 6937966 FDSN RO -- BUD iLoc HHZ HHZ _
 LOT 1.36 115.9 Lg 09:17:43.725 -2.1 T__ ___ 6937965 FDSN RO -- BUD iLoc HHN ??? _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/18 | 09:21:07.30 | 1.29 | 0.53 | 47.8734 | 16.0756 | 13.5 | 4.0 | 35 | 0.0f | 5 | 3 | 208 | 0.15 | 0.73 | sx | BUD | 17003170 | BUD | | | | 288 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|
| CONA | 0.15 | 291.0 | Pg | 09:21:10.873 | 0.3 | | | | | T__ | | 43.7 | | ___ | ML | 0.4 6937991 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CONA | 0.15 | 291.0 | Lg | 09:21:12.410 | -0.6 | | | | | T__ | | | | ___ | | 6937990 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.23 | 139.3 | Pg | 09:21:12.342 | 0.2 | | | | | T__ | | 33.1 | | ___ | ML | 0.5 6937989 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.23 | 139.3 | Lg | 09:21:15.188 | -0.4 | | | | | T__ | | | | ___ | | 6937992 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.73 | 211.2 | Lg | 09:21:30.448 | -0.1 | | | | | T__ | | | | ___ | | 6937993 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/18 | 10:30:54.53 | 0.85 | 0.94 | 48.4135 | 17.2745 | 4.6 | 3.4 | 134 | 0.0f | 16 | 9 | 86 | 0.04 | 1.26 | sx | BUD | 17003172 | BUD | | | | 131 |

Magnitude Err Nsta Author OrigID
 ML 1.6 0.1 7 BUD 17003172

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|
| MODS | 0.04 | 177.2 | Pg | 10:30:56.441 | 0.4 | | | | | T__ | | | | _c_ | | 6938027 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.04 | 177.2 | Lg | 10:30:57.158 | -0.4 | | | | | T__ | | | | ___ | | 6938032 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.52 | 30.4 | Pg | 10:31:05.415 | 0.0 | | | | | T__ | | 122.6 | | ___ | ML | 1.8 6938028 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JAVC | 0.52 | 30.4 | Lg | 10:31:11.781 | -2.0 | | | | | T__ | | | | ___ | | 6938033 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.87 | 318.4 | Pg | 10:31:12.181 | 0.9 | | | | | T__ | | 40.2 | | ___ | ML | 1.6 6938037 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KRUC | 0.87 | 318.4 | Lg | 10:31:22.473 | -1.7 | | | | | T__ | | | | ___ | | 6938036 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A331A | 0.97 | 40.0 | Pg | 10:31:15.133 | 1.6 | | | | | T__ | | 58.0 | | ___ | ML | 1.8 6938029 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A331A | 0.97 | 40.0 | Lg | 10:31:26.612 | -0.2 | | | | | T__ | | | | ___ | | 6938035 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.97 | 222.9 | Pg | 10:31:13.900 | 0.1 | | | | | T__ | | 30.1 | | ___ | ML | 1.5 6938038 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| RONA | 0.97 | 222.9 | Lg | 10:31:26.313 | -0.1 | | | | | T__ | | | | ___ | | 6938034 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 1.00 | 333.6 | Pg | 10:31:14.082 | 0.6 | | | | | T__ | | 12.8 | | ___ | ML | 1.2 6938039 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.2 magdef=0
VYHS 1.04 85.0 Pg 10:31:15.886 0.3 T__ 15.3 ___ ML 1.3 6938030 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.04 85.0 Lg 10:31:30.106 -0.5 T__ ___ 6938042 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CONA 1.06 243.3 Pg 10:31:15.721 0.2 T__ 32.6 ___ ML 1.6 6938040 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.06 243.3 Lg 10:31:29.318 0.0 T__ ___ 6938041 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MPLH 1.26 171.7 Sn 10:31:36.800 -0.2 T__ ___ 6938031 FDSN HU -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/18 11:51:18.03 2.13 1.37 48.5537 20.8230 14.7 5.9 23 0.0f 8 5 224 0.20 1.32 sx BUD 17003176 BUD 296

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17003176

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.20 253.0 Pg 11:51:22.490 0.3 T__ 159.9 ___ ML 1.1 6938119 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 253.0 Lg 11:51:25.068 -0.4 T__ ___ 6938123 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.24 252.7 Pg 11:51:23.222 0.3 T__ 303.1 ___ ML 1.4 6938120 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.24 252.7 Lg 11:51:26.265 -0.5 T__ ___ 6938124 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ABAH 0.38 132.7 Lg 11:51:31.742 -0.8 T__ 56.7 ___ ML 1.4 6938122 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.48 204.8 Pg 11:51:28.811 0.7 T__ ___ 6938121 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 204.8 Lg 11:51:35.073 -0.7 T__ ___ 6938121 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 1.32 268.2 Sn 11:51:59.913 -2.7 T__ ___ 6938126 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/18 12:33:12.76 0.84 0.82 47.8059 17.8911 3.4 3.2 149 0.0f 18 11 76 0.37 1.37 sx BUD 17003178 BUD 126

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 7 BUD 17003178

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU09A 0.37 116.6 Pg 12:33:21.533 1.0 T__ 179.8 ___ ML 1.6 6938191 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.37 116.6 Lg 12:33:26.573 -0.6 T__ ___ 6938187 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU08A 0.38 176.6 Pg 12:33:20.929 0.3 T__ 137.3 ___ ML 1.5 6938190 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.38 176.6 Lg 12:33:26.522 -0.6 T__ ___ 6938186 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CSKK 0.51 150.4 Pg 12:33:23.505 0.3 T__ 110.2 ___ ML 1.8 6938192 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.51 150.4 Lg 12:33:31.079 -0.8 T__ ___ 6938193 FDSN HU -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
EGYH 0.54 224.4 Pg 12:33:24.583 0.6 T__ 163.1 ___ ML 2.0 6938194 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.54 224.4 Lg 12:33:31.547 -0.8 T__ ___ 6938201 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
MPLH 0.68 200.7 Lg 12:33:36.112 -0.7 T__ ___ 6938195 FDSN HU -- BUD iLoc HHN ??? _
HU10A 0.76 86.6 Lg 12:33:39.713 -1.0 T__ ___ 6938196 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.94 42.2 Pg 12:33:32.418 0.7 T__ 13.0 ___ ML 1.1 6938188 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.94 42.2 Lg 12:33:45.042 -0.4 T__ ___ 6938189 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
JAVC 1.06 352.1 Pg 12:33:35.098 0.6 T__ 51.3 ___ ML 1.8 6938184 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.06 352.1 Lg 12:33:48.771 -2.0 T__ ___ 6938197 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
RONA 1.08 265.0 Pg 12:33:34.488 0.3 T__ 45.3 ___ ML 1.8 6938185 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 1.08 265.0 Lg 12:33:48.805 0.5 T__ ___ 6938198 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
PSZ 1.35 84.5 Sn 12:33:58.261 0.0 T__ ___ 6938200 FDSN GE -- BUD iLoc HHN ??? _
CONA 1.37 275.9 Lg 12:33:57.111 -0.3 T__ ___ 6938199 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/19 07:37:24.72 0.98 0.86 48.8054 16.1534 8.3 4.3 123 0.0f 10 8 88 0.30 1.58 sx BUD 17003182 BUD 132

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.6 4 BUD 17003182

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KRUC 0.30 31.8 Pg 07:37:31.169 0.5 T__ 56.0 ___ ML 0.9 6938420 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.30 31.8 Lg 07:37:34.693 -0.6 T__ ___ 6938423 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
A008A 0.55 217.5 Pg 07:37:35.396 0.1 T__ 69.0 ___ ML 1.6 6938422 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VRAC 0.58 29.7 Pg 07:37:36.249 0.5 T__ 14.5 ___ ML 1.0 6938421 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
JAVC 1.00 86.4 Lg 07:37:58.808 -1.5 T__ ___ 6938424 FDSN CZ -- BUD iLoc HHN ??? _
RONA 1.11 175.0 Pg 07:37:46.906 0.2 T__ 51.6 ___ ML 1.8 6938418 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 1.11 175.0 Lg 07:38:01.804 0.7 T__ ___ 6938419 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CKRC 1.22 271.4 Lg 07:38:03.160 -1.2 T__ ___ 6938425 FDSN CZ -- BUD iLoc HHN ??? _
MORC 1.33 42.6 Lg 07:38:07.702 -0.2 T__ ___ 6938426 FDSN CZ -- BUD iLoc HHN ??? _
PRU 1.58 319.0 Sn 07:38:14.421 -0.2 T__ ___ 6938427 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

```



```

2021/10/19 07:47:50.22 2.32 1.10 47.7693 19.9316 13.9 5.6 4 0.0f 11 7 242 0.12 1.02 kx BUD 17003184 BUD 281
2021/10/19 07:47:51.52 0.92 0.84 47.8362 19.9346f 0.0f 11 7 225 0.06 0.99 kx BUD_GT 17003185 BUD_GT 253
(locality : Gyöngyössolymos Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 4 BUD_GT 17003185

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| ET1H | 0.06 | 315.2 | Pg | 07:47:54.145 | 0.8 | | | | | T__ | | 4026.6 | | _c_ | ML | 2.1 6938459 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.06 | 315.2 | Lg | 07:47:54.982 | -0.1 | | | | | T__ | | | | --- | | 6938461 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.09 | 341.8 | Pg | 07:47:54.645 | 0.6 | | | | | T__ | | 2887.9 | | _c_ | ML | 2.0 6938457 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.09 | 341.8 | Lg | 07:47:56.195 | -0.2 | | | | | T__ | | | | --- | | 6938462 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.24 | 286.8 | Lg | 07:47:59.221 | -1.6 | | | | | T__ | | | | --- | | 6938463 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU02A | 0.49 | 54.0 | Pg | 07:48:01.457 | -0.5 | | | | | T__ | | 49.3 | | --- | ML | 1.4 6938460 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.49 | 54.0 | Lg | 07:48:09.266 | -0.7 | | | | | T__ | | | | --- | | 6938464 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.75 | 29.5 | Lg | 07:48:18.176 | 0.4 | | | | | T__ | | | | --- | | 6938465 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| JOS | 0.77 | 31.3 | Pn | 07:48:08.484 | -0.0 | | | | | T__ | | 70.5 | | --- | ML | 1.8 6938458 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.77 | 31.3 | Lg | 07:48:19.034 | 0.3 | | | | | T__ | | | | --- | | 6938466 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.99 | 61.8 | Sn | 07:48:25.703 | -1.6 | | | | | T__ | | | | --- | | 6938467 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/19 07:55:49.65 1.35 1.47 47.4136 18.3531 12.8 4.4 124 0.0f 12 10 105 0.08 1.34 sx BUD 17003186 BUD 122

```

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Magnitude Err Nsta Author OrigID

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| CSKK | 0.08 | 231.3 | Pg | 07:55:52.535 | 0.6 | | | | | T__ | | 2596.9 | | --- | ML | 1.9 6938496 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.08 | 231.3 | Lg | 07:55:53.424 | -0.8 | | | | | T__ | | | | --- | | 6938497 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.23 | 5.0 | Lg | 07:55:58.728 | -0.4 | | | | | T__ | | | | --- | | 6938498 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| HU08A | 0.29 | 273.6 | Lg | 07:56:01.139 | -0.2 | | | | | T__ | | | | --- | | 6938499 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MPLH | 0.61 | 246.6 | Lg | 07:56:10.463 | -0.9 | | | | | T__ | | | | --- | | 6938500 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 1.13 | 65.0 | Sn | 07:56:26.896 | -2.1 | | | | | T__ | | | | --- | | 6938501 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 1.13 | 16.5 | Lg | 07:56:28.663 | -0.3 | | | | | T__ | | | | --- | | 6938505 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| PSZ | 1.16 | 63.6 | Sn | 07:56:28.398 | -1.8 | | | | | T__ | | | | --- | | 6938502 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.20 | 323.4 | Sn | 07:56:31.425 | 0.1 | | | | | T__ | | | | --- | | 6938506 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.22 | 170.5 | Pn | 07:56:12.860 | 0.3 | | | | | T__ | | 30.7 | | --- | ML | 1.7 6938504 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.22 | 170.5 | Sn | 07:56:28.257 | -2.5 | | | | | T__ | | | | --- | | 6938503 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.34 | 187.6 | Sn | 07:56:32.015 | -1.8 | | | | | T__ | | | | --- | | 6938507 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/10/19 | 08:45:30.59 | 0.97 | 1.24 | 48.2481 | 21.2218 | 6.6 | 4.1 | 162 | 0.0f | 17 | 10 | 103 | 0.05 | 1.77 | kx | BUD | 17003188 | BUD | | | | 151 |
| 2021/10/19 | 08:45:30.20 | 0.88 | 1.02 | 48.2470 | 21.2460f | | | | 0.0f | 17 | 10 | 103 | 0.05 | 1.76 | kx | BUD_GT | 17003189 | BUD_GT | | | | 151 |

(locality : Táallya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.8 | 0.2 | 6 BUD_GT | 17003189 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 08:45:32.167 | 0.4 | | | | | T__ | | 6021.9 | | _c_ | ML | 2.2 | 6938541 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 08:45:32.887 | -0.5 | | | | | T__ | | | | --- | | 6938542 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 08:45:41.187 | 0.4 | | | | | T__ | | 71.5 | | --- | ML | 1.5 | 6938543 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 08:45:47.792 | -1.1 | | | | | T__ | | | | --- | | 6938557 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 08:45:42.018 | 1.1 | | | | | T__ | | 72.4 | | --- | ML | 1.6 | 6938544 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 08:45:48.774 | -0.3 | | | | | T__ | | | | --- | | 6938545 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Lg | 08:45:49.398 | -0.6 | | | | | T__ | | | | --- | | 6938546 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| TRPA | 0.87 | 97.2 | Pn | 08:45:48.405 | -0.1 | | | | | T__ | | 103.6 | | --- | ML | 2.0 | 6938547 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 08:46:00.811 | -0.8 | | | | | T__ | | | | --- | | 6938548 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 08:45:50.388 | 0.4 | | | | | T__ | | 70.9 | | --- | ML | 1.9 | 6938552 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 08:46:03.514 | -1.4 | | | | | T__ | | | | --- | | 6938551 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 08:45:50.598 | 0.5 | | | | | T__ | | | | --- | | 6938550 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.97 | 44.4 | Lg | 08:46:03.004 | -1.5 | | | | | T__ | | | | --- | | 6938549 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.99 | 248.7 | Pg | 08:45:51.396 | 0.4 | | | | | T__ | | 54.3 | | --- | ML | 1.8 | 6938553 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 08:46:04.190 | -1.3 | | | | | T__ | | | | --- | | 6938554 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.33 | 332.3 | Lg | 08:46:13.213 | -1.6 | | | | | T__ | | | | --- | | 6938555 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| DRGR | 1.76 | 145.2 | Sn | 08:46:27.164 | 1.9 | | | | | T__ | | | | --- | | 6938556 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/19 | 08:55:18.71 | 0.98 | 1.36 | 45.9909 | 22.7839 | 7.0 | 4.0 | 54 | 0.0f | 10 | 6 | 131 | 0.14 | 0.90 | sx | BUD | 17003190 | BUD | | | | 197 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.0 | 4 BUD | 17003190 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.14 | 142.2 | Pg | 08:55:21.450 | 0.1 | | | | | T__ | | 906.2 | | --- | ML | 1.6 | 6938591 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.14 | 142.2 | Lg | 08:55:23.140 | -0.1 | | | | | T__ | | | | --- | | 6938593 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.6 magdef=1
GZR 0.60 180.5 Pg 08:55:30.488 0.3 T__ 62.2 --- ML 1.6 6938592 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.60 180.5 Lg 08:55:38.948 0.2 T__ --- 6938594 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 0.80 356.4 Pg 08:55:35.790 0.9 T__ 53.9 --- ML 1.7 6938590 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.80 356.4 Lg 08:55:44.147 -3.0 T__ --- 6938595 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
SIRR 0.83 289.9 Pg 08:55:35.558 -0.1 T__ 53.5 --- ML 1.7 6938598 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.83 289.9 Lg 08:55:46.912 -0.8 T__ --- 6938597 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT 0.88 127.8 Lg 08:55:46.960 -1.5 T__ --- 6938596 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.90 245.8 Lg 08:55:49.243 0.3 T__ --- 6938599 FDSN RO -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/19 | 09:10:47.65 | 0.96 | 1.01 | 46.0977 | 22.0466 | 5.4 | 4.4 | 47 | 0.0f | 9 | 5 | 90 | 0.32 | 0.87 | sx | BUD | 17003192 | BUD | | | | 181 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 4 BUD | 17003192 |

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SIRR 0.32 302.4 Pg 09:10:55.096 0.6 T__ 102.4 --- ML 1.2 6938630 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.32 302.4 Lg 09:10:59.442 -0.5 T__ --- 6938628 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
BZS 0.57 212.1 Pg 09:10:59.067 0.2 T__ 35.4 --- ML 1.4 6938631 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.57 212.1 Lg 09:11:05.910 -1.1 T__ --- 6938632 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
DEV 0.63 109.4 Lg 09:11:08.642 -0.0 T__ --- 6938633 FDSN RO -- BUD iLoc HHN ??? _
DRGR 0.83 33.3 Pg 09:11:04.380 0.0 T__ 42.6 --- ML 1.6 6938627 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.83 33.3 Lg 09:11:15.042 -1.9 T__ --- 6938635 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
GZR 0.87 143.8 Pg 09:11:04.959 0.7 T__ 45.7 --- ML 1.6 6938634 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.87 143.8 Lg 09:11:16.085 -0.4 T__ --- 6938629 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/19 | 09:47:47.42 | 1.10 | 1.58 | 48.9694 | 20.1512 | 14.5 | 3.5 | 82 | 0.0f | 12 | 8 | 159 | 0.46 | 1.27 | sx | BUD | 17003194 | BUD | | | | 182 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 4 BUD | 17003194 |

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
NIE 0.46 12.2 Pg 09:47:56.875 0.7 T__ 52.2 --- ML 1.3 6938701 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.46 12.2 Lg 09:48:01.640 -1.1 T__ --- 6938702 FDSN PL -- BUD iLoc BHN ??? _

```

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.53 155.4 Pg 09:47:59.252 1.1 T__ 139.5 ___ ML 1.9 6938698 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.53 155.4 Lg 09:48:05.403 -0.8 T__ ___ 6938700 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 0.54 151.4 Pg 09:47:59.761 1.6 T__ 126.0 ___ ML 1.9 6938697 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.54 151.4 Lg 09:48:06.099 -0.2 T__ ___ 6938699 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 0.88 163.5 Pg 09:48:05.673 0.1 T__ 41.8 ___ ML 1.6 6938706 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.88 163.5 Lg 09:48:17.395 -1.7 T__ ___ 6938703 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.99 132.6 Lg 09:48:18.467 -3.0 T__ ___ 6938707 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.07 189.3 Lg 09:48:23.837 -1.6 T__ ___ 6938704 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.11 189.8 Sn 09:48:25.142 -1.3 T__ ___ 6938705 FDSN HU -- BUD iLoc HHN ??? _
OJC 1.27 349.7 Lg 09:48:28.536 -0.3 T__ ___ 6938708 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/19 10:19:40.75 1.10 1.14 48.5306 20.7758 7.0 3.7 11 0.0f 11 8 146 0.16 1.29 sx BUD 17003196 BUD 221

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.0 3 BUD 17003196

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.16 257.6 Pg 10:19:44.496 0.3 T__ 352.1 ___ ML 1.3 6938739 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.16 257.6 Lg 10:19:47.110 0.2 T__ ___ 6938738 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.20 256.3 Pg 10:19:45.446 0.5 T__ 778.9 ___ ML 1.7 6938741 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.20 256.3 Lg 10:19:48.274 0.0 T__ ___ 6938740 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.39 127.0 Pg 10:19:49.605 0.8 T__ 86.6 ___ ML 1.3 6938742 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 127.0 Lg 10:19:53.814 -1.7 T__ ___ 6938743 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.44 202.4 Lg 10:19:56.860 -0.5 T__ ___ 6938744 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.85 224.2 Lg 10:20:10.321 -1.2 T__ ___ 6938745 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.89 223.2 Lg 10:20:11.560 -0.9 T__ ___ 6938747 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.94 340.7 Lg 10:20:10.756 -1.2 T__ ___ 6938746 FDSN PL -- BUD iLoc BHN ??? _
VVHS 1.29 269.1 Sn 10:20:22.952 -1.6 T__ ___ 6938748 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/20 04:23:52.16 1.27 0.77 47.9205 18.9345 7.6 5.9 65 10.0f 8 5 210 0.09 0.65 ke BUD 17003198 BUD 306

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17003198

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.09 | 143.0 | Pg | 04:23:55.484 | 0.5 | | | | | T__ | | 712.6 | | _c_ | ML | 1.4 | 6938852 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.09 | 143.0 | Lg | 04:23:56.391 | -0.9 | | | | | T__ | | | | | | 6938854 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.45 | 91.9 | Pg | 04:24:02.392 | 0.7 | | | | | T__ | | 64.1 | | ___ | ML | 1.4 | 6938853 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.45 | 91.9 | Lg | 04:24:08.780 | 0.3 | | | | | T__ | | | | | | 6938855 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.58 | 353.5 | Lg | 04:24:11.995 | -0.5 | | | | | T__ | | | | | | 6938856 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 0.63 | 93.4 | Pg | 04:24:05.241 | -0.2 | | | | | T__ | | 49.3 | | ___ | ML | 1.5 | 6938859 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.63 | 93.4 | Lg | 04:24:14.153 | -0.5 | | | | | T__ | | | | | | 6938857 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.65 | 89.8 | Lg | 04:24:14.650 | -0.9 | | | | | T__ | | | | | | 6938858 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/20 | 07:15:06.74 | 1.05 | 1.54 | 48.4343 | 21.4981 | 8.9 | 4.3 | 149 | 0.0f | | 11 | 8 | 129 | 0.22 | 1.22 | sx | BUD | 17003200 | BUD | | | 197 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.22 | 231.3 | Pg | 07:15:12.417 | 0.8 | | | | | T__ | | 466.1 | | ___ | ML | 1.6 | 6938886 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.22 | 231.3 | Lg | 07:15:14.792 | -1.0 | | | | | T__ | | | | | | 6938888 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.64 | 275.9 | Pg | 07:15:20.224 | 0.7 | | | | | T__ | | 48.2 | | ___ | ML | 1.5 | 6938889 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.64 | 275.9 | Lg | 07:15:28.474 | -0.8 | | | | | T__ | | | | | | 6938887 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.68 | 274.5 | Lg | 07:15:29.719 | -0.7 | | | | | T__ | | | | | | 6938890 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| KOLS | 0.72 | 45.5 | Pg | 07:15:21.128 | 0.6 | | | | | T__ | | | | | | 6938892 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.72 | 45.5 | Lg | 07:15:30.753 | -1.5 | | | | | T__ | | | | | | 6938891 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.72 | 244.7 | Lg | 07:15:30.893 | -2.1 | | | | | T__ | | | | | | 6938893 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| TRPA | 0.76 | 113.2 | Lg | 07:15:32.970 | -1.4 | | | | | T__ | | | | | | 6938894 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.19 | 244.9 | Sn | 07:15:45.749 | -2.4 | | | | | T__ | | | | | | 6938895 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.22 | 243.6 | Sn | 07:15:47.436 | -1.0 | | | | | T__ | | | | | | 6938896 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/20 | 07:50:04.89 | 1.13 | 0.06 | 48.0763 | 16.2867 | 7.8 | 5.2 | 97 | 0.0f | | 6 | 3 | 174 | 0.32 | 0.99 | sx | BUD | 17003202 | BUD | | | 296 |

Magnitude Err Nsta Author OrigID
ML 1.1 0.2 3 BUD 17003202

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.32 | 242.7 | Pg | 07:50:11.486 | 0.0 | | | | | T__ | | 61.5 | | ___ | ML | 1.0 | 6938939 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.32 | 242.7 | Lg | 07:50:15.845 | -0.1 | | | | | T__ | | | | | | 6938941 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.38 | 179.0 | Pg | 07:50:12.589 | -0.0 | | | | | T__ | | 59.1 | | ___ | ML | 1.1 | 6938940 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |

RONA 0.38 179.0 Lg 07:50:17.886 0.0 T__ --- 6938938 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 1.1 magdef=1
 (Station ML: 1.1 magdef=1
 KRUC 0.99 4.1 Pg 07:50:23.881 -0.0 T__ 59.6 --- ML 1.8 6938942 FDSN CZ -- BUD iLoc HHZ HHZ _
 KRUC 0.99 4.1 Lg 07:50:38.536 0.0 T__ --- 6938943 FDSN CZ -- BUD iLoc HHE ??? _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/10/20 08:14:52.50 0.93 1.34 47.4965 18.6777 8.8 3.1 165 0.0f 9 7 151 0.24 1.39 kx BUD 17003204 BUD 180
 2021/10/20 08:14:52.49 0.92 1.26 47.4680 18.6970f 0.0f 9 7 164 0.22 1.40 kx BUD_GT 17003205 BUD_GT 188
 (locality : Etyek Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
 BUD 0.22 85.9 Pg 08:14:58.715 1.1 T__ 162.6 --- ML 1.1 6938991 FDSN HU -- BUD iLoc HHZ HHZ _
 BUD 0.22 85.9 Lg 08:15:01.715 -0.2 T__ --- 6938992 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 1.1 magdef=1
 (Station ML: 1.1 magdef=1
 CSKK 0.31 250.7 Pg 08:14:59.966 0.7 T__ 203.0 --- ML 1.5 6938993 FDSN HU -- BUD iLoc HHZ HHZ _
 CSKK 0.31 250.7 Lg 08:15:03.795 -1.3 T__ --- 6938985 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1
 HU08A 0.53 266.3 Lg 08:15:10.734 -1.3 T__ --- 6938986 FDSN ZJ 00 BUD iLoc HHN ??? _
 ET1H 0.89 62.2 Lg 08:15:23.114 -1.5 T__ --- 6938987 FDSN HU -- BUD iLoc HHN ??? _
 PSZ 0.93 60.4 Lg 08:15:24.418 -1.8 T__ --- 6938988 FDSN GE -- BUD iLoc HHN ??? _
 VYHS 1.03 5.1 Lg 08:15:27.758 -0.7 T__ --- 6938989 FDSN SK -- BUD iLoc HHN ??? _
 HU02A 1.40 61.4 Sn 08:15:39.697 1.2 T__ --- 6938990 FDSN ZJ 00 BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/10/20 09:19:54.74 1.82 1.08 47.2884 18.2091 16.4 6.9 154 0.0f 4 3 230 0.08 0.47 kx BUD 17003206 BUD 309
 2021/10/20 09:19:53.36 1.06 1.15 47.2302 18.2835f 0.0f 4 3 270 0.13 0.51 kx BUD_GT 17003207 BUD_GT 316
 (locality : Iszkaszentgyörgy Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
 CSKK 0.13 353.3 Pg 09:19:57.415 0.7 T__ 201.8 --- ML 1.0 6939052 FDSN HU -- BUD iLoc HHZ HHZ _
 CSKK 0.13 353.3 Lg 09:19:58.509 -1.3 T__ --- 6939053 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 1.0 magdef=1
 (Station ML: 1.0 magdef=0
 HU08A 0.32 309.6 Lg 09:20:04.672 -1.2 T__ --- 6939054 FDSN ZJ 00 BUD iLoc HHN ??? _
 MPLH 0.51 263.5 Lg 09:20:11.576 -0.4 T__ --- 6939055 FDSN HU -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/10/20 09:31:35.38 1.14 0.76 47.9168 20.0843 11.0 2.9 157 0.0f 15 9 183 0.13 1.35 sx BUD 17003208 BUD 191

Magnitude Err Nsta Author OrigID
 ML 1.8 0.1 6 BUD 17003208

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.13 | 270.8 | Pg | 09:31:39.025 | 0.3 | | | | | T__ | | 2741.6 | | _c_ | ML | 2.1 | 6939133 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.13 | 270.8 | Lg | 09:31:40.860 | -0.8 | | | | | T__ | | | | --- | | 6939143 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.15 | 255.3 | Pg | 09:31:39.236 | 0.2 | | | | | T__ | | 1532.0 | | _c_ | ML | 1.9 | 6939145 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.15 | 255.3 | Lg | 09:31:41.505 | -0.4 | | | | | T__ | | | | --- | | 6939144 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.33 | 267.9 | Lg | 09:31:47.274 | -0.5 | | | | | T__ | | | | --- | | 6939146 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.36 | 55.0 | Pg | 09:31:43.170 | -0.1 | | | | | T__ | | 202.3 | | --- | ML | 1.6 | 6939134 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 55.0 | Lg | 09:31:47.919 | -1.5 | | | | | T__ | | | | --- | | 6939147 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.63 | 25.2 | Lg | 09:31:57.348 | -0.3 | | | | | T__ | | | | --- | | 6939135 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.65 | 27.5 | Pg | 09:31:49.182 | 0.7 | | | | | T__ | | 79.9 | | --- | ML | 1.8 | 6939137 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.65 | 27.5 | Lg | 09:31:58.120 | -0.4 | | | | | T__ | | | | --- | | 6939136 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.86 | 63.5 | Pg | 09:31:53.924 | 1.4 | | | | | T__ | | 89.6 | | --- | ML | 1.9 | 6939140 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.86 | 63.5 | Lg | 09:32:06.012 | -0.4 | | | | | T__ | | | | --- | | 6939141 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.02 | 305.1 | Pn | 09:31:56.552 | 0.6 | | | | | T__ | | 23.6 | | --- | ML | 1.4 | 6939142 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.02 | 305.1 | Lg | 09:32:10.632 | -0.1 | | | | | T__ | | | | --- | | 6939139 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 1.35 | 246.5 | Sn | 09:32:20.612 | 0.6 | | | | | T__ | | | | --- | | 6939138 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/10/20 | 09:44:09.69 | 1.64 | 1.66 | 47.5483 | 18.4959 | 14.0 | 4.1 | 99 | 0.0f | | 5 | 3 | 207 | 0.12 | 0.97 | kx | BUD | 17003210 | BUD | | | 306 |
| 2021/10/20 | 09:44:10.05 | 1.00 | 1.19 | 47.5600 | 18.4573f | | | | 0.0f | | 5 | 3 | 199 | 0.09 | 0.97 | kx | BUD_GT | 17003211 | BUD_GT | | | 312 |

(locality : Tatabánya Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 09:44:13.397 | 0.9 | | | | | T__ | | 477.6 | | _c_ | ML | 1.2 | 6939175 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 09:44:14.413 | -0.4 | | | | | T__ | | | | --- | | 6939176 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 09:44:15.800 | 0.5 | | | | | T__ | | 98.0 | | --- | ML | 1.0 | 6939174 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 09:44:18.457 | -1.5 | | | | | T__ | | | | --- | | 6939177 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.97 | 15.1 | Lg | 09:44:42.475 | -1.5 | | | | | T__ | | | | --- | | 6939178 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/20 | 09:48:22.38 | 0.90 | 0.91 | 48.4844 | 17.5305 | 5.3 | 3.2 | 143 | 0.0f | 11 | 6 | 138 | 0.20 | 1.25 | sx | BUD | 17003212 | BUD | | | | 213 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.2 | 4 BUD | 17003212 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.20 | 236.8 | Pg | 09:48:27.111 | 0.1 | | | | | T__ | | | | | | 6939204 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.20 | 236.8 | Lg | 09:48:29.236 | -1.6 | | | | | T__ | | | | | | 6939208 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.39 | 13.9 | Pg | 09:48:30.424 | -0.2 | | | | | T__ | | 170.3 | | | | 6939205 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JAVC | 0.39 | 13.9 | Lg | 09:48:36.174 | -1.0 | | | | | T__ | | | | | | 6939206 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.87 | 88.9 | Pg | 09:48:40.415 | 0.5 | | | | | T__ | | 15.9 | | | ML | 1.2 | 6939210 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.87 | 88.9 | Lg | 09:48:52.478 | -0.1 | | | | | T__ | | | | | | 6939209 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.95 | 308.0 | Pg | 09:48:42.072 | 1.5 | | | | | T__ | | 73.5 | | | ML | 1.9 | 6939212 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.95 | 308.0 | Lg | 09:48:54.384 | -0.1 | | | | | T__ | | | | | | 6939211 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.14 | 227.0 | Lg | 09:48:59.859 | 0.1 | | | | | T__ | | | | | | 6939213 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.25 | 244.1 | Pn | 09:48:47.393 | 0.6 | | | | | T__ | | 56.1 | | | ML | 1.9 | 6939207 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.25 | 244.1 | Lg | 09:49:02.830 | -0.2 | | | | | T__ | | | | | | 6939214 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/10/20 | 10:37:32.41 | 1.07 | 1.10 | 48.5124 | 20.7758 | 5.4 | 4.6 | 80 | 0.0f | 16 | 9 | 143 | 0.16 | 1.29 | sx | BUD | 17003214 | BUD | | | | | 222 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 7 BUD | 17003214 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.16 | 264.0 | Pg | 10:37:36.427 | 0.6 | | | | | T__ | | 477.2 | | | ML | 1.4 | 6939299 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.16 | 264.0 | Lg | 10:37:38.974 | 0.5 | | | | | T__ | | | | | | 6939300 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 261.5 | Pg | 10:37:36.869 | 0.3 | | | | | T__ | | 861.1 | | | ML | 1.8 | 6939301 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 261.5 | Lg | 10:37:39.807 | 0.0 | | | | | T__ | | | | | | 6939305 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.38 | 124.8 | Lg | 10:37:46.152 | -0.7 | | | | | T__ | | | | | | 6939311 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.42 | 203.3 | Pg | 10:37:42.599 | 1.1 | | | | | T__ | | 66.4 | | | ML | 1.3 | 6939302 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.42 | 203.3 | Lg | 10:37:48.005 | -0.5 | | | | | T__ | | | | | | 6939303 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.84 | 225.1 | Pg | 10:37:50.108 | 0.0 | | | | | T__ | | 78.8 | | | ML | 1.9 | 6939312 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.84 | 225.1 | Lg | 10:38:01.366 | -1.4 | | | | | T__ | | | | | | 6939306 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |


```

(Station ML: 1.9 magdef=0
ET1H 0.88 224.0 Pn 10:37:50.588 -0.3 T__ 47.9 ___ ML 1.7 6939313 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.88 224.0 Lg 10:38:02.151 -1.5 T__ ___ 6939307 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 0.96 341.1 Pg 10:37:51.017 0.5 T__ 39.1 ___ ML 1.6 6939314 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.96 341.1 Lg 10:38:03.017 -1.1 T__ ___ 6939304 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.99 232.7 Lg 10:38:06.361 -1.2 T__ ___ 6939308 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 1.29 269.9 Pn 10:37:56.488 -0.3 T__ 20.9 ___ ML 1.5 6939310 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 269.9 Sn 10:38:13.738 -2.4 T__ ___ 6939309 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/20 | 15:22:02.47 | 0.97 | 0.70 | 47.6074 | 16.3790 | 5.4 | 3.9 | 10 | 0.0f | 12 | 8 | 74 | 0.11 | 1.46 | sx | BUD | 17003216 | BUD | | | | 128 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.5 | 3 BUD | 17003216 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 328.9 | Pg | 15:22:05.242 | 0.2 | | | | | T__ | | 336.3 | | _c_ | ML | 1.1 | 6939404 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 328.9 | Lg | 15:22:06.773 | -0.1 | | | | | T__ | | | | --- | | 6939406 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.14 | 57.9 | Pg | 15:22:06.351 | 0.6 | | | | | T__ | | 123.8 | | --- | ML | 0.8 | 6939405 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.14 | 57.9 | Lg | 15:22:08.539 | 0.4 | | | | | T__ | | | | --- | | 6939407 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.47 | 312.8 | Pg | 15:22:12.343 | 0.4 | | | | | T__ | | 73.7 | | --- | ML | 1.5 | 6939403 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.47 | 312.8 | Lg | 15:22:18.281 | -0.1 | | | | | T__ | | | | --- | | 6939408 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.68 | 238.7 | Lg | 15:22:23.845 | -0.4 | | | | | T__ | | | | --- | | 6939409 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.90 | 118.6 | Lg | 15:22:32.746 | -1.1 | | | | | T__ | | | | --- | | 6939410 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.98 | 37.9 | Pg | 15:22:22.324 | 0.0 | | | | | T__ | | | | --- | | 6939412 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.98 | 37.9 | Lg | 15:22:36.012 | -1.3 | | | | | T__ | | | | --- | | 6939411 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KOGS | 1.16 | 184.4 | Lg | 15:22:39.943 | -0.1 | | | | | T__ | | | | --- | | 6939413 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| KRUC | 1.46 | 0.4 | Sn | 15:22:49.852 | 0.6 | | | | | T__ | | | | --- | | 6939414 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/21 | 07:40:29.03 | 0.98 | 0.73 | 47.9867 | 16.6299 | 7.3 | 3.6 | 133 | 0.0f | 10 | 6 | 170 | 0.36 | 1.09 | sx | BUD | 17003218 | BUD | | | | 226 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.3 | 4 BUD | 17003218 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.36 | 218.2 | Pg | 07:40:36.582 | 0.1 | | | | | T__ | | 72.7 | | --- | ML | 1.2 | 6939776 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.36 | 218.2 | Lg | 07:40:40.998 | -0.6 | | | | | T__ | | | | --- | | 6939780 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CONA 0.52 263.8 Pg 07:40:39.847 0.4 T__ 97.8 ___ ML 1.7 6939779 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.52 263.8 Lg 07:40:45.940 -0.5 T__ ___ 6939781 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 0.58 48.0 Pg 07:40:41.650 0.5 T__ ___ 6939777 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.58 48.0 Lg 07:40:49.425 -1.0 T__ ___ 6939782 FDSN SK -- BUD iLoc HHN ??? _
A008A 0.76 300.7 Pg 07:40:43.532 -0.0 T__ 129.5 ___ ML 2.0 6939783 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ARSA 1.05 225.9 Lg 07:41:03.143 0.6 T__ ___ 6939784 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.09 351.8 Pg 07:40:50.711 0.8 T__ 116.5 ___ ML 2.2 6939778 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.09 351.8 Lg 07:41:05.234 -0.7 T__ ___ 6939785 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/21 08:20:31.13 0.86 1.10 48.3886 19.0979 6.2 3.1 29 0.0f 18 10 124 0.20 1.30 sx BUD 17003220 BUD 151

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 8 BUD 17003220

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.20 301.3 Pg 08:20:36.624 1.1 T__ 129.0 _c ML 1.0 6939857 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.20 301.3 Lg 08:20:39.265 0.4 T__ ___ 6939860 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
HU03A 0.59 145.1 Pg 08:20:44.583 1.0 T__ 147.3 ___ ML 2.0 6939861 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.59 145.1 Lg 08:20:52.583 0.1 T__ ___ 6939862 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.71 131.1 Pg 08:20:46.985 0.7 T__ 113.5 ___ ML 2.0 6939864 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.71 131.1 Lg 08:20:55.708 -1.5 T__ ___ 6939858 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 0.73 134.3 Pg 08:20:45.812 -0.6 T__ 96.4 ___ ML 1.9 6939855 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.73 134.3 Lg 08:20:56.589 -0.7 T__ ___ 6939863 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.93 83.6 Pg 08:20:49.800 0.2 T__ 89.5 ___ ML 2.0 6939859 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.93 83.6 Lg 08:21:03.365 -0.1 T__ ___ 6939865 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JOS 0.97 83.1 Pg 08:20:49.875 -0.4 T__ 53.6 ___ ML 1.8 6939856 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.97 83.1 Lg 08:21:04.814 -0.0 T__ ___ 6939866 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.99 105.1 Pn 08:20:52.798 1.4 T__ 56.4 ___ ML 1.8 6939868 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.99 105.1 Lg 08:21:05.237 -1.2 T__ ___ 6939867 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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```
JAVC 1.06 297.0 Pg 08:20:52.349 -0.3 T__ 129.5 ___ ML 2.2 6939869 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.06 297.0 Lg 08:21:06.548 -2.2 T__ ___ 6939870 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MODS 1.21 270.0 Sn 08:21:11.485 -1.8 T__ ___ 6939871 FDSN SK -- BUD iLoc HHE ??? _
NIE 1.30 37.1 Lg 08:21:15.020 0.6 T__ ___ 6939872 FDSN PL -- BUD iLoc BHE ??? _
```

```
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/21 09:35:55.57 1.41 1.89 46.2077 17.9121 18.3 4.3 13 0.0f 5 3 185 0.18 0.51 kx BUD 17003222 BUD 316
2021/10/21 09:35:56.53 1.03 3.07 46.1204 18.0243f 0.0f 5 3 162 0.06 0.51 kx BUD_GT 17003223 BUD_GT 316
(locality : Bükkösd Hungary)
(GT info : GT2 explosion)
```

Magnitude Err Nsta Author OrigID

```
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.06 121.4 Pg 09:36:00.491 2.0 T__ 228.0 ___ ML 0.8 6939924 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.06 121.4 Lg 09:36:01.929 1.6 T__ ___ 6939925 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
MORH 0.44 77.4 Lg 09:36:13.038 0.1 T__ 6939926 FDSN HU -- BUD iLoc HHN ??? _
A264A 0.51 274.7 Pg 09:36:05.621 -1.7 T__ 333.6 ___ ML 2.2 6939927 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.51 274.7 Lg 09:36:09.340 -5.3 T__ ___ 6939928 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
```

```
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/21 09:39:36.90 1.02 1.34 48.2261 21.2186 6.1 4.3 157 0.0f 17 10 153 0.07 1.61 kx BUD 17003224 BUD 205
2021/10/21 09:39:36.76 0.88 1.19 48.2470 21.2460f 0.0f 17 10 151 0.05 1.63 kx BUD_GT 17003225 BUD_GT 204
(locality : Tállya Hungary)
(GT info : GT2 explosion)
```

Magnitude Err Nsta Author OrigID
ML 2.0 0.1 7 BUD_GT 17003225

```
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.05 355.1 Pg 09:39:39.296 1.0 T__ 8470.5 _c_ ML 2.4 6939963 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 09:39:39.585 -0.3 T__ ___ 6939964 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
HU02A 0.50 255.8 Pg 09:39:47.513 0.2 T__ 129.7 ___ ML 1.8 6939966 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 09:39:53.794 -1.6 T__ ___ 6939965 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
JOS 0.53 298.1 Pg 09:39:48.266 0.8 T__ 110.6 ___ ML 1.8 6939968 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 09:39:55.063 -0.6 T__ ___ 6939967 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.56 295.3 Lg 09:39:55.943 -0.6 T__ ___ 6939969 FDSN SK -- BUD iLoc EHN ??? _
TRPA 0.87 97.2 Pn 09:39:55.058 -0.1 T__ 226.5 ___ ML 2.3 6939971 FDSN HU -- BUD iLoc HHZ HHZ _
```

| | | | | | | | | | | | | | | | | | | | |
|---------------------------|------|-------|----|--------------|------|-----|-------|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| TRPA | 0.87 | 97.2 | Lg | 09:40:06.479 | -1.7 | T__ | --- | 6939970 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pg | 09:39:57.056 | -0.0 | T__ | 103.7 | --- | ML | 2.1 | 6939972 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 09:40:09.275 | -2.2 | T__ | --- | --- | --- | 6939973 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Lg | 09:40:09.560 | -1.5 | T__ | --- | --- | --- | 6939974 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.99 | 248.7 | Pn | 09:39:57.135 | 0.4 | T__ | 82.0 | --- | ML | 2.0 | 6939976 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 09:40:10.198 | -1.9 | T__ | --- | --- | --- | 6939975 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | |
| NIE | 1.33 | 332.3 | Pg | 09:40:03.440 | 1.6 | T__ | 59.8 | --- | ML | 2.0 | 6939978 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.33 | 332.3 | Lg | 09:40:20.377 | -1.0 | T__ | --- | --- | --- | 6939977 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.63 | 279.6 | Sn | 09:40:28.810 | 0.3 | T__ | --- | --- | --- | 6939979 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/21 | 11:01:24.05 | 2.04 | 1.40 | 47.7813 | 19.7428 | 16.6 | 4.2 | 172 | 0.0f | | 10 | 7 | 220 | 0.13 | 0.89 | sx | BUD | 17003228 | BUD | | | 265 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 5 BUD | 17003228 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|---------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ET1H | 0.13 | 41.5 | Pg | 11:01:28.187 | 0.9 | | | | | T__ | | 769.6 | | --- | ML | 1.5 | 6940134 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.16 | 321.9 | Pg | 11:01:28.625 | 0.9 | | | | | T__ | | 412.4 | | --- | ML | 1.3 | 6940133 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.17 | 36.6 | Pg | 11:01:29.062 | 0.7 | | | | | T__ | | 449.7 | | --- | ML | 1.4 | 6940135 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.17 | 36.6 | Lg | 11:01:30.768 | -1.1 | | | | | T__ | | | | --- | --- | 6940138 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.49 | 277.7 | Lg | 11:01:41.018 | -1.6 | | | | | T__ | | | | --- | --- | 6940141 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.63 | 56.7 | Lg | 11:01:45.562 | -1.7 | | | | | T__ | | | | --- | --- | 6940140 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.86 | 35.0 | Pg | 11:01:41.633 | 0.4 | | | | | T__ | | 129.7 | | --- | ML | 2.1 | 6940142 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.86 | 35.0 | Lg | 11:01:53.617 | -0.7 | | | | | T__ | | | | --- | --- | 6940136 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.89 | 36.4 | Pg | 11:01:43.550 | 1.7 | | | | | T__ | | 68.5 | | --- | ML | 1.8 | 6940139 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.89 | 36.4 | Lg | 11:01:54.109 | -1.2 | | | | | T__ | | | | --- | --- | 6940137 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/21 | 11:34:54.89 | 1.50 | 0.54 | 48.6009 | 20.2029 | 9.8 | 4.8 | 173 | 0.0f | | 10 | 6 | 211 | 0.22 | 0.91 | sx | BUD | 17003230 | BUD | | | 277 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

ML 1.5 0.4 4 BUD 17003230

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.22 | 122.0 | Pg | 11:34:59.872 | 0.3 | | | | | T__ | | 330.9 | | --- | ML | 1.4 | 6940199 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.22 | 122.0 | Lg | 11:35:02.734 | -0.4 | | | | | T__ | | | | --- | | 6940201 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.25 | 115.1 | Pg | 11:35:00.045 | 0.1 | | | | | T__ | | 108.2 | | --- | ML | 1.0 | 6940198 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.25 | 115.1 | Lg | 11:35:03.747 | -0.2 | | | | | T__ | | | | --- | | 6940202 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.53 | 155.7 | Pg | 11:35:06.726 | 0.8 | | | | | T__ | | 62.3 | | --- | ML | 1.6 | 6940200 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.53 | 155.7 | Lg | 11:35:13.430 | -0.9 | | | | | T__ | | | | --- | | 6940203 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.71 | 196.9 | Pg | 11:35:09.974 | -0.1 | | | | | T__ | | 122.3 | | --- | ML | 2.0 | 6940205 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.71 | 196.9 | Lg | 11:35:20.670 | -0.3 | | | | | T__ | | | | --- | | 6940204 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.76 | 197.2 | Lg | 11:35:22.160 | 0.2 | | | | | T__ | | | | --- | | 6940206 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.91 | 263.8 | Lg | 11:35:26.211 | -0.4 | | | | | T__ | | | | --- | | 6940207 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/22 | 02:02:50.08 | 1.56 | 0.47 | 47.4177 | 18.2203 | 9.9 | 3.8 | 4 | 5.0f | | 8 | 4 | 251 | 0.04 | 0.12 | ke | BUD | 17003234 | BUD | | | 310 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.2 | 0.1 | 4 BUD | 17003234 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.04 | 133.3 | Pg | 02:02:51.591 | 0.1 | | | | | T__ | | 59.2 | | --- | ML | 0.2 | 6940482 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.04 | 133.3 | Lg | 02:02:52.195 | -0.7 | | | | | T__ | | | | --- | | 6940481 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.06 | 153.4 | Pg | 02:02:52.371 | 0.5 | | | | | T__ | | 60.4 | | --- | ML | 0.3 | 6940480 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 153.4 | Lg | 02:02:53.533 | -0.1 | | | | | T__ | | | | --- | | 6940484 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.07 | 241.7 | Pg | 02:02:52.259 | 0.2 | | | | | T__ | | 35.3 | | --- | ML | 0.1 | 6940483 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.07 | 241.7 | Lg | 02:02:53.590 | -0.2 | | | | | T__ | | | | --- | | 6940486 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 0.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.12 | 183.2 | Pg | 02:02:53.073 | 0.2 | | | | | T__ | | 35.6 | | --- | ML | 0.2 | 6940485 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.12 | 183.2 | Lg | 02:02:54.856 | -0.4 | | | | | T__ | | | | --- | | 6940487 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/22 | 06:00:52.94 | 1.52 | 0.81 | 45.7832 | 16.8927 | 12.0 | 6.8 | 153 | 12.0f | | 11 | 6 | 203 | 0.66 | 1.29 | ke | BUD | 17003236 | BUD | | | 211 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

ML 1.8 0.0 5 BUD 17003236

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| PTJ | 0.66 | 281.2 | Pg | 06:01:05.641 | -0.3 | | | | | T__ | | 86.9 | | ___ | ML | 1.8 6940679 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.66 | 281.2 | Lg | 06:01:14.278 | -1.5 | | | | | T__ | | | | --- | | 6940680 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.69 | 353.3 | Pg | 06:01:06.455 | -0.0 | | | | | T__ | | 196.3 | | ___ | ML | 2.2 6940682 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.69 | 353.3 | Lg | 06:01:15.981 | 0.1 | | | | | T__ | | | | --- | | 6940681 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.80 | 326.3 | Pg | 06:01:08.316 | 0.1 | | | | | T__ | | 112.3 | | ___ | ML | 2.0 6940678 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.80 | 326.3 | Lg | 06:01:19.470 | 0.5 | | | | | T__ | | | | --- | | 6940683 | FDSN | SL | -- | BUD | iLoc | BHZ | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.90 | 69.7 | Lg | 06:01:21.575 | -0.7 | | | | | T__ | | | | --- | | 6940684 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| CRES | 1.01 | 273.0 | Pg | 06:01:12.658 | 1.1 | | | | | T__ | | 53.3 | | ___ | ML | 1.8 6940686 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 1.01 | 273.0 | Lg | 06:01:25.839 | -0.2 | | | | | T__ | | | | --- | | 6940685 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.29 | 69.9 | Pn | 06:01:16.098 | 0.6 | | | | | T__ | | 34.2 | | ___ | ML | 1.8 6940676 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.29 | 69.9 | Sn | 06:01:33.766 | 0.9 | | | | | T__ | | | | --- | | 6940677 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|--------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|--|
| 2021/10/22 | 06:38:52.91 | 1.28 | 1.14 | 48.0120 | 20.3775 | 12.4 | 3.3 | 140 | 0.0f | | 10 | 5 | 206 | 0.15 | 0.50 | kx | BUD | 17003238 | BUD | | | 236 | | |
| 2021/10/22 | 06:38:52.56 | 0.93 | 1.31 | 47.9767 | 20.3679f | | | | 0.0f | | 10 | 5 | 218 | 0.18 | 0.53 | kx | BUD_GT | 17003239 | BUD_GT | | | 241 | | |
| (locality : Eger-III. Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID
ML 1.0 0.2 5 BUD_GT 17003239

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| HU02A | 0.18 | 35.8 | Pg | 06:38:56.884 | 0.1 | | | | | T__ | | 168.7 | | _c_ | ML | 1.0 6940741 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.18 | 35.8 | Lg | 06:38:59.305 | -1.1 | | | | | T__ | | | | --- | | 6940748 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.32 | 259.8 | Pg | 06:39:01.443 | 1.5 | | | | | T__ | | 49.6 | | ___ | ML | 0.9 6940743 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.32 | 259.8 | Lg | 06:39:05.289 | -0.2 | | | | | T__ | | | | --- | | 6940744 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.35 | 253.9 | Pg | 06:39:01.273 | 1.0 | | | | | T__ | | 45.0 | | ___ | ML | 0.9 6940739 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.35 | 253.9 | Lg | 06:39:05.856 | -0.0 | | | | | T__ | | | | --- | | 6940740 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.51 | 8.8 | Pg | 06:39:03.984 | 1.0 | | | | | T__ | | 95.3 | | ___ | ML | 1.7 6940747 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.51 | 8.8 | Lg | 06:39:08.569 | -2.3 | | | | | T__ | | | | --- | | 6940745 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 12.4 | Pg | 06:39:03.627 | 0.3 | | | | | T__ | | 55.6 | | ___ | ML | 1.5 6940742 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |

JOS 0.53 12.4 Lg 06:39:09.429 -2.1 T__ --- 6940746 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/22 | 06:51:53.58 | 2.63 | 0.83 | 45.6121 | 18.1841 | 16.9 | 7.4 | 168 | 0.0f | | 13 | 7 | 253 | 0.40 | 1.59 | ke | BUD | 17003240 | BUD | | | 278 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.4 | 6 BUD | 17003240 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|-------|------|-------|-------|--|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| A273A | 0.40 | 319.9 | Pg | 06:52:02.053 | -0.0 | | | | | T__ | | 237.9 | | ___ | ML | 1.8 | 6940811 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A273A | 0.40 | 319.9 | Lg | 06:52:07.917 | -0.0 | | | | | T__ | | | | ___ | | 6940812 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| | | | | (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.48 | 353.0 | Pg | 06:52:03.646 | -0.1 | | | | | T__ | | 80.8 | | ___ | ML | 1.5 | 6940810 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 0.48 | 353.0 | Lg | 06:52:10.256 | -0.8 | | | | | T__ | | | | ___ | | 6940816 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| | | | | (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.68 | 27.8 | Pg | 06:52:07.675 | 0.1 | | | | | T__ | | 72.3 | | ___ | ML | 1.7 | 6940813 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 0.68 | 27.8 | Lg | 06:52:17.290 | -0.9 | | | | | T__ | | | | ___ | | 6940817 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| | | | | (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.86 | 341.7 | Pg | 06:52:11.752 | 0.6 | | | | | T__ | | 278.3 | | ___ | ML | 2.4 | 6940818 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A265A | 0.86 | 341.7 | Lg | 06:52:22.662 | -0.6 | | | | | T__ | | | | ___ | | 6940819 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| | | | | (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0 | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.92 | 3.5 | Pn | 06:52:13.323 | 0.9 | | | | | T__ | | 197.3 | | ___ | ML | 2.3 | 6940820 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A266A | 0.92 | 3.5 | Lg | 06:52:27.262 | 1.5 | | | | | T__ | | | | ___ | | 6940821 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| | | | | (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 1.58 | 281.6 | Sn | 06:52:42.975 | -0.8 | | | | | T__ | | | | ___ | | 6940822 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | | |
| KOGS | 1.59 | 302.5 | Pg | 06:52:23.792 | -0.3 | | | | | T__ | | 74.4 | | ___ | ML | 2.3 | 6940815 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ | |
| KOGS | 1.59 | 302.5 | Sn | 06:52:43.896 | 1.0 | | | | | T__ | | | | ___ | | 6940814 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | | |
| | | | | (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/22 | 07:57:15.38 | 3.28 | 1.00 | 46.8167 | 22.8059 | 21.8 | 8.9 | 25 | 0.0f | | 8 | 5 | 264 | 0.07 | 1.52 | sx | BUD | 17003242 | BUD | | | 291 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.3 | 3 BUD | 17003242 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|--|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.07 | 248.9 | Pg | 07:57:17.192 | -0.0 | | | | | T__ | | 283.5 | | _c | ML | 0.9 | 6940889 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.07 | 248.9 | Lg | 07:57:19.033 | 0.2 | | | | | T__ | | | | ___ | | 6940891 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.96 | 235.6 | Lg | 07:57:47.654 | -1.0 | | | | | T__ | | | | ___ | | 6940892 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.42 | 180.8 | Pg | 07:57:42.616 | 0.2 | | | | | T__ | | 44.4 | | ___ | ML | 1.9 | 6940893 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |

GZR 1.42 180.8 Lg 07:58:01.613 -0.5 T__ --- 6940890 FDSN RO -- BUD iLoc HHN ??? _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1
 BZS 1.46 215.0 Lg 07:58:04.124 0.9 T__ --- 6940894 FDSN RO -- BUD iLoc HHN ??? _
 LOT 1.52 153.6 Pn 07:57:43.275 -0.4 T__ 62.2 --- ML 2.1 6940896 FDSN RO -- BUD iLoc HHZ HHZ _
 LOT 1.52 153.6 Sn 07:58:03.546 -1.7 T__ --- 6940895 FDSN RO -- BUD iLoc HHN ??? _
 (Reading ML: 2.1 magdef=1
 (Station ML: 2.1 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/22 | 08:02:10.41 | 1.69 | 0.89 | 47.3763 | 18.4173 | 11.3 | 4.7 | 123 | 0.0f | | 11 | 8 | 158 | 0.11 | 1.31 | sx | BUD | 17003244 | BUD | | | 177 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.0 | 3 BUD | 17003244 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|--|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.11 | 263.0 | Pg | 08:02:13.826 | 0.6 | | | | | T__ | | 568.5 | | --- | ML | 1.4 | 6940934 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.11 | 263.0 | Lg | 08:02:14.757 | -1.1 | | | | | T__ | | | | --- | | 6940935 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.11 | 278.9 | Pg | 08:02:13.895 | 0.7 | | | | | T__ | | 558.6 | | --- | ML | 1.3 | 6940940 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.11 | 278.9 | Lg | 08:02:15.318 | -0.6 | | | | | T__ | | | | --- | | 6940941 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.16 | 242.3 | Pg | 08:02:14.749 | 0.6 | | | | | T__ | | 130.8 | | --- | ML | 0.9 | 6940943 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.16 | 242.3 | Lg | 08:02:16.456 | -1.2 | | | | | T__ | | | | --- | | 6940942 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.20 | 272.1 | Lg | 08:02:18.977 | 0.1 | | | | | T__ | | | | --- | | 6940944 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.26 | 354.9 | Lg | 08:02:20.656 | -0.5 | | | | | T__ | | | | --- | | 6940936 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.15 | 14.0 | Lg | 08:02:49.649 | -1.0 | | | | | T__ | | | | --- | | 6940938 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.17 | 172.3 | Sn | 08:02:49.788 | -0.7 | | | | | T__ | | | | --- | | 6940937 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.31 | 189.7 | Sn | 08:02:53.083 | -0.7 | | | | | T__ | | | | --- | | 6940939 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/22 | 08:57:05.60 | 0.85 | 1.31 | 48.3717 | 18.6653 | 4.7 | 3.7 | 10 | 0.0f | | 19 | 11 | 87 | 0.17 | 1.59 | sx | BUD | 17003246 | BUD | | | 149 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.2 | 7 BUD | 17003246 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|--|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.17 | 42.8 | Pg | 08:57:09.890 | 0.6 | | | | | T__ | | 156.1 | | --- | ML | 1.0 | 6941049 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.17 | 42.8 | Lg | 08:57:11.379 | -0.7 | | | | | T__ | | | | --- | | 6941050 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.82 | 306.8 | Pg | 08:57:22.644 | 0.2 | | | | | T__ | | 83.9 | | --- | ML | 1.9 | 6941051 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.82 | 306.8 | Lg | 08:57:33.700 | -1.4 | | | | | T__ | | | | --- | | 6941052 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| A331A | 0.83 | 339.5 | Pg | 08:57:22.597 | 0.6 | | | | | T__ | | 175.8 | | --- | ML | 2.2 | 6941055 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |


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A331A  0.83 339.5 Lg      08:57:33.938  0.5          T__          ---          6941061  FDSN Z3      00 BUD  iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MODS   0.93 270.6 Pg      08:57:25.542  1.2          T__          ---          6941056  FDSN SK      -- BUD  iLoc HHZ ??? _
MODS   0.93 270.6 Lg      08:57:37.182 -1.4          T__          ---          6941057  FDSN SK      -- BUD  iLoc HHN ??? _
PSZ    0.94 118.4 Pn      08:57:26.782  1.5          T__          50.5         --- ML      1.7 6941043  FDSN GE      -- BUD  iLoc HHZ HHZ _
PSZ    0.94 118.4 Lg      08:57:38.081 -1.4          T__          ---          6941044  FDSN GE      -- BUD  iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H   0.95 120.9 Pn      08:57:26.482  1.3          T__          34.4         --- ML      1.6 6941045  FDSN HU      -- BUD  iLoc HHZ HHZ _
ET1H   0.95 120.9 Lg      08:57:38.164 -1.1          T__          ---          6941058  FDSN HU      -- BUD  iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU08A  1.07 208.2 Lg      08:57:42.651 -0.5          T__          ---          6941059  FDSN ZJ      00 BUD  iLoc HHN ??? _
KECS   1.22 84.1 Pn      08:57:29.613  0.7          T__          98.8         --- ML      2.2 6941053  FDSN SK      -- BUD  iLoc EHZ EHZ _
KECS   1.22 84.1 Sn      08:57:46.017 -1.4          T__          ---          6941060  FDSN SK      -- BUD  iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
JOS    1.25 83.6 Pn      08:57:30.450  1.0          T__          64.9         --- ML      2.0 6941048  FDSN ZJ      -- BUD  iLoc HHZ HHZ _
JOS    1.25 83.6 Sn      08:57:46.733 -1.6          T__          ---          6941047  FDSN ZJ      -- BUD  iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A  1.27 100.7 Sn      08:57:47.299 -1.5          T__          ---          6941046  FDSN ZJ      00 BUD  iLoc HHN ??? _
MORC   1.59 332.7 Lg      08:57:54.948 -2.2          T__          ---          6941054  FDSN CZ      -- BUD  iLoc HHN ??? _

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Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/10/22 09:20:26.64  1.11  1.03  47.8479  19.1568  10.3  4.6 178  0.0f  5  4 182  0.09  0.68  kx BUD      17003248  BUD      255
2021/10/22 09:20:26.76  1.01  1.11  47.8355  19.1270f  0.0f  5  4 192  0.07  0.69  kx BUD_GT   17003249  BUD_GT   258
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author      OrigID
Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh  L
HU10A  0.07 277.6 Pg      09:20:29.530  0.8          T__      713.1  _c_ ML      1.4 6941107  FDSN ZJ      00 BUD  iLoc HHZ HHZ _
HU10A  0.07 277.6 Lg      09:20:30.090 -0.5          T__      ---          6941108  FDSN ZJ      00 BUD  iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
ET1H   0.50 84.8 Lg      09:20:44.386 -1.1          T__      ---          6941109  FDSN HU      -- BUD  iLoc HHN ??? _
PSZ    0.52 80.6 Lg      09:20:44.957 -1.6          T__      ---          6941110  FDSN GE      -- BUD  iLoc HHN ??? _
VYHS   0.69 343.6 Lg      09:20:50.440 -0.6          T__      ---          6941111  FDSN SK      -- BUD  iLoc HHN ??? _

```

```

Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/10/22 10:28:25.65  0.90  0.97  48.6935  19.2061  5.6  3.3 14  0.0f  13  7 156  0.32  1.05  sx BUD      17003252  BUD      182

```

```

Magnitude Err Nsta Author      OrigID
ML      1.7 0.1  6 BUD      17003252

```

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh  L
VYHS  0.32 231.0 Pg      10:28:32.833  0.6          T__      19.7  _c_ ML      0.5 6941265  FDSN SK      -- BUD  iLoc HHZ HHZ _

```

```

VYHS 0.32 231.0 Lg 10:28:37.278 0.2 T__ --- 6941267 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=0
A331A 0.79 305.5 Pg 10:28:41.692 0.4 T__ 89.3 --- ML 1.9 6941277 FDSN Z3 00 BUD iLoc HHZ HHZ _
A331A 0.79 305.5 Lg 10:28:51.994 -0.2 T__ --- 6941276 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.88 103.4 Pg 10:28:43.783 0.7 T__ 89.3 --- ML 1.9 6941269 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.88 103.4 Lg 10:28:55.469 -0.6 T__ --- 6941268 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
PSZ 0.90 149.1 Pg 10:28:44.699 0.1 T__ 40.8 --- ML 1.6 6941273 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.90 149.1 Lg 10:28:56.995 -1.1 T__ --- 6941272 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.91 102.1 Pg 10:28:44.655 1.1 T__ 52.8 --- ML 1.7 6941271 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.91 102.1 Lg 10:28:56.286 -0.8 T__ --- 6941270 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JAVC 1.03 279.8 Lg 10:29:00.091 -2.1 T__ --- 6941274 FDSN CZ -- BUD iLoc HHN ??? _
HU02A 1.05 122.6 Pn 10:28:46.909 0.2 T__ 46.3 --- ML 1.7 6941266 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.05 122.6 Lg 10:29:01.614 -0.7 T__ --- 6941275 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/22 10:44:49.36 1.00 1.21 46.1124 21.6853 8.1 3.7 84 0.0f 10 6 167 0.16 1.60 sx BUD 17003254 BUD 220

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.4 4 BUD 17003254

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SIRR 0.16 353.5 Pg 10:44:53.546 0.5 T__ 342.3 _c ML 1.3 6941310 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.16 353.5 Lg 10:44:55.166 -1.0 T__ --- 6941318 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
BZS 0.50 185.6 Pg 10:44:59.590 0.3 T__ 31.8 --- ML 1.2 6941319 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.50 185.6 Lg 10:45:05.821 -0.7 T__ --- 6941313 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
DEV 0.88 104.7 Lg 10:45:18.210 -0.3 T__ --- 6941314 FDSN RO -- BUD iLoc HHN ??? _
DRGR 0.98 45.9 Pg 10:45:09.444 0.5 T__ 51.0 --- ML 1.8 6941312 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.98 45.9 Lg 10:45:21.940 -1.5 T__ --- 6941311 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
GZR 1.05 132.9 Pg 10:45:09.478 0.1 T__ 51.3 --- ML 1.8 6941316 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.05 132.9 Lg 10:45:24.210 0.2 T__ --- 6941315 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
LOT 1.60 113.7 Sn 10:45:38.490 -2.4 T__ --- 6941317 FDSN RO -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/25 | 07:24:41.38 | 1.07 | 1.52 | 47.6868 | 18.7556 | 12.1 | 4.5 | 160 | 0.0f | | 7 | 5 | 173 | 0.26 | 1.47 | sx | BUD | 17003262 | BUD | | | 206 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.26 | 259.3 | Pg | 07:24:47.826 | 0.9 | | | | | T__ | | 1214.6 | | _c | ML | 2.1 | 6942229 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.26 | 259.3 | Lg | 07:24:50.206 | -1.6 | | | | | T__ | | | | | | 6942230 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.47 | 226.2 | Pg | 07:24:51.931 | 0.9 | | | | | T__ | | 143.6 | | ___ | ML | 1.8 | 6942232 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.47 | 226.2 | Lg | 07:24:57.694 | -1.4 | | | | | T__ | | | | ___ | | 6942231 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.78 | 75.2 | Lg | 07:25:08.728 | -0.7 | | | | | T__ | | | | ___ | | 6942234 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.80 | 72.8 | Lg | 07:25:09.683 | -1.1 | | | | | T__ | | | | ___ | | 6942235 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.47 | 183.0 | Sn | 07:25:30.102 | 1.2 | | | | | T__ | | | | ___ | | 6942233 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/25 | 07:41:46.12 | 1.03 | 0.89 | 46.1012 | 22.8620 | 7.0 | 4.9 | 93 | 0.0f | | 11 | 8 | 95 | 0.22 | 1.41 | sx | BUD | 17003264 | BUD | | | 144 |

Magnitude Err Nsta Author OrigID
ML 2.0 0.3 4 BUD 17003264

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.22 | 172.5 | Pg | 07:41:50.633 | 0.3 | | | | | T__ | | 1293.1 | | ___ | ML | 2.0 | 6942277 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.22 | 172.5 | Lg | 07:41:52.897 | -0.5 | | | | | T__ | | | | ___ | | 6942283 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.70 | 351.5 | Lg | 07:42:10.320 | -1.2 | | | | | T__ | | | | ___ | | 6942285 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.71 | 184.9 | Pg | 07:42:00.169 | 0.4 | | | | | T__ | | 105.9 | | _c | ML | 1.9 | 6942278 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.71 | 184.9 | Lg | 07:42:09.283 | -0.5 | | | | | T__ | | | | ___ | | 6942284 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 0.80 | 39.5 | Pg | 07:42:02.423 | 0.5 | | | | | T__ | | 323.2 | | ___ | ML | 2.5 | 6942286 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.85 | 281.7 | Lg | 07:42:14.877 | -0.9 | | | | | T__ | | | | ___ | | 6942287 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 0.91 | 135.5 | Lg | 07:42:15.914 | -1.0 | | | | | T__ | | | | ___ | | 6942279 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 1.00 | 241.3 | Pg | 07:42:06.390 | 0.9 | | | | | T__ | | 41.5 | | ___ | ML | 1.7 | 6942281 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.00 | 241.3 | Lg | 07:42:18.630 | -0.9 | | | | | T__ | | | | ___ | | 6942280 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BANR | 1.41 | 239.9 | Sn | 07:42:31.405 | -0.5 | | | | | T__ | | | | ___ | | 6942282 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/10/25 | 07:58:13.58 | 1.79 | 1.25 | 48.0327 | 20.7071 | 11.1 | 5.5 | 144 | 0.0f | | 9 | 6 | 201 | 0.15 | 0.58 | kx | BUD | 17003266 | BUD | | | 268 |
| 2021/10/25 | 07:58:14.28 | 0.95 | 1.24 | 48.0750 | 20.6990f | | | | 0.0f | | 9 | 6 | 192 | 0.13 | 0.59 | kx | BUD_GT | 17003267 | BUD_GT | | | 265 |

(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

| | | | | |
|-----------|-----|------|----------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.2 | 0.2 | 3 BUD_GT | 17003267 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.13 | 292.1 | Pg | 07:58:17.963 | 0.5 | | | | | T__ | | 361.7 | | --- | ML | 1.2 | 6942315 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.13 | 292.1 | Lg | 07:58:19.233 | -1.0 | | | | | T__ | | | | --- | | 6942318 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.42 | 58.4 | Lg | 07:58:28.978 | -1.5 | | | | | T__ | | | | --- | | 6942316 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.43 | 340.8 | Pg | 07:58:24.310 | 1.2 | | | | | T__ | | 87.9 | | --- | ML | 1.4 | 6942320 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.43 | 340.8 | Lg | 07:58:29.735 | -0.1 | | | | | T__ | | | | --- | | 6942322 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.43 | 345.9 | Pg | 07:58:24.000 | 0.9 | | | | | T__ | | 35.8 | | --- | ML | 1.1 | 6942314 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.43 | 345.9 | Lg | 07:58:29.646 | -0.2 | | | | | T__ | | | | --- | | 6942321 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.56 | 254.1 | Lg | 07:58:33.331 | -2.0 | | | | | T__ | | | | --- | | 6942319 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.59 | 250.9 | Lg | 07:58:34.265 | -1.6 | | | | | T__ | | | | --- | | 6942317 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/25 | 09:02:28.54 | 1.62 | 0.94 | 48.8482 | 21.0845 | 9.5 | 6.8 | 46 | 0.0f | | 9 | 5 | 211 | 0.50 | 0.82 | sx | BUD | 17003268 | BUD | | | 301 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.6 | 0.0 | 4 BUD | 17003268 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.50 | 225.9 | Pg | 09:02:39.286 | 0.7 | | | | | T__ | | 78.8 | | --- | ML | 1.6 | 6942348 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.50 | 225.9 | Lg | 09:02:46.284 | -0.0 | | | | | T__ | | | | --- | | 6942350 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.54 | 227.6 | Pg | 09:02:39.998 | 0.6 | | | | | T__ | | 85.1 | | --- | ML | 1.7 | 6942352 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.54 | 227.6 | Lg | 09:02:47.475 | -0.0 | | | | | T__ | | | | --- | | 6942351 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.56 | 169.4 | Pg | 09:02:40.441 | 0.6 | | | | | T__ | | 67.7 | | --- | ML | 1.6 | 6942353 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.56 | 169.4 | Lg | 09:02:48.250 | -1.0 | | | | | T__ | | | | --- | | 6942354 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.77 | 318.2 | Lg | 09:02:53.069 | -1.0 | | | | | T__ | | | | --- | | 6942355 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU02A | 0.82 | 207.3 | Pg | 09:02:44.270 | -1.1 | | | | | T__ | | 48.7 | | --- | ML | 1.6 | 6942349 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.82 | 207.3 | Lg | 09:02:57.001 | -0.9 | | | | | T__ | | | | --- | | 6942356 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/25 | 09:23:19.58 | 1.06 | 0.79 | 46.0641 | 22.8855 | 7.7 | 4.0 | 72 | 0.0f | | 11 | 6 | 143 | 0.18 | 0.99 | sx | BUD | 17003270 | BUD | | | 210 |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|

ML 1.6 0.0 5 BUD 17003270

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.18 | 176.1 | Pg | 09:23:23.461 | 0.4 | | | | | T__ | | 895.2 | | --- | ML | 1.8 | 6942391 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.18 | 176.1 | Lg | 09:23:25.056 | -0.5 | | | | | T__ | | | | --- | | 6942387 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.68 | 186.5 | Pg | 09:23:33.002 | 0.5 | | | | | T__ | | 58.3 | | --- | ML | 1.6 | 6942392 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.68 | 186.5 | Lg | 09:23:41.614 | -0.5 | | | | | T__ | | | | --- | | 6942388 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.74 | 350.7 | Pg | 09:23:34.879 | 0.4 | | | | | T__ | | 39.9 | | --- | ML | 1.5 | 6942389 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.74 | 350.7 | Lg | 09:23:45.208 | -1.2 | | | | | T__ | | | | --- | | 6942394 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.87 | 134.6 | Lg | 09:23:47.799 | -1.3 | | | | | T__ | | | | --- | | 6942395 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| SIRR | 0.88 | 283.9 | Pg | 09:23:37.832 | 0.4 | | | | | T__ | | 42.6 | | --- | ML | 1.6 | 6942393 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.88 | 283.9 | Lg | 09:23:49.414 | -0.6 | | | | | T__ | | | | --- | | 6942396 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.99 | 243.7 | Pg | 09:23:39.033 | 0.1 | | | | | T__ | | 32.8 | | --- | ML | 1.6 | 6942390 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.99 | 243.7 | Lg | 09:23:52.464 | -0.4 | | | | | T__ | | | | --- | | 6942397 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/25 | 10:01:54.23 | 0.91 | 0.84 | 48.4331 | 19.5684 | 5.2 | 3.5 | 5 | 0.0f | | 13 | 9 | 108 | 0.49 | 1.12 | sx | BUD | 17003272 | BUD | | | 208 |

Magnitude Err Nsta Author OrigID
ML 1.7 0.3 4 BUD 17003272

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.49 | 277.4 | Pg | 10:02:04.761 | 0.4 | | | | | T__ | | 20.4 | | --- | ML | 1.0 | 6942436 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.49 | 277.4 | Lg | 10:02:10.853 | -0.8 | | | | | T__ | | | | --- | | 6942435 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.53 | 177.7 | Lg | 10:02:13.453 | -0.0 | | | | | T__ | | | | --- | | 6942437 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.56 | 156.9 | Lg | 10:02:14.264 | -0.8 | | | | | T__ | | | | --- | | 6942438 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.59 | 159.8 | Lg | 10:02:15.395 | -0.3 | | | | | T__ | | | | --- | | 6942439 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.61 | 85.0 | Pg | 10:02:07.396 | 0.9 | | | | | T__ | | 155.9 | | --- | ML | 2.0 | 6942440 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.61 | 85.0 | Lg | 10:02:15.441 | -0.4 | | | | | T__ | | | | --- | | 6942432 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.65 | 84.1 | Pg | 10:02:08.002 | 0.8 | | | | | T__ | | 72.6 | | --- | ML | 1.7 | 6942434 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.65 | 84.1 | Lg | 10:02:16.338 | -0.7 | | | | | T__ | | | | --- | | 6942433 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.71 | 115.6 | Pg | 10:02:09.364 | 0.4 | | | | | T__ | | 52.9 | | --- | ML | 1.6 | 6942431 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.71 | 115.6 | Lg | 10:02:18.960 | -1.2 | | | | | T__ | | | | --- | | 6942441 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.10 | 25.8 | Lg | 10:02:30.333 | -0.7 | | | | | T__ | | | | --- | | 6942442 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |

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ABAH 1.12 96.4 Lg 10:02:32.050 -1.2 T__ --- 6942443 FDSN HU -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/25 11:01:24.85 3.11 0.93 48.4646 20.6873 19.8 7.1 73 0.0f 8 6 269 0.10 1.23 sx BUD 17003274 BUD 295

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.10 287.7 Pg 11:01:27.103 -0.1 T__ 128.4 --- ML 0.7 6942468 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.10 287.7 Lg 11:01:29.255 0.2 T__ 6942470 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
KECS 0.14 278.0 Pg 11:01:27.848 0.0 T__ 430.8 --- ML 1.3 6942469 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.14 278.0 Lg 11:01:30.294 0.1 T__ 6942471 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.36 197.6 Lg 11:01:38.913 0.3 T__ 6942472 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.76 224.4 Lg 11:01:52.282 -0.3 T__ 6942473 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.80 223.3 Lg 11:01:53.508 -0.0 T__ 6942474 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.23 272.1 Sn 11:02:05.083 -2.0 T__ 6942475 FDSN SK -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/26 06:58:28.04 2.60 1.00 48.3650 21.2205 20.8 5.8 35 0.0f 6 4 243 0.07 0.52 sx BUD 17003276 BUD 316

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.07 169.5 Pg 06:58:29.805 -0.2 T__ 193.7 --- ML 0.8 6942772 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.07 169.5 Lg 06:58:32.325 0.4 T__ 6942773 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
JOS 0.47 286.3 Lg 06:58:45.498 0.7 T__ 6942774 FDSN ZJ -- BUD iLoc HHN ??? _
KECS 0.50 283.9 Lg 06:58:46.773 0.8 T__ 6942771 FDSN SK -- BUD iLoc EHN ??? _
HU02A 0.52 242.7 Pg 06:58:38.350 -0.8 T__ 42.7 --- ML 1.4 6942775 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.52 242.7 Lg 06:58:48.596 1.0 T__ 6942776 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/26 07:01:55.18 2.14 0.65 48.2179 21.2099 16.7 6.5 147 0.0f 6 5 235 0.08 0.96 kx BUD 17003278 BUD 307
2021/10/26 07:01:55.47 1.03 1.22 48.2470 21.2460f 0.0f 6 5 253 0.05 0.99 kx BUD_GT 17003279 BUD_GT 310
(locality : Táallya Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.05 355.1 Pg 07:01:57.649 0.6 T__ 5507.6 _c_ ML 2.2 6942794 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 07:01:58.604 -0.0 T__ 6942795 FDSN HU -- BUD iLoc HHE ??? _

```

```

(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
HU02A 0.50 255.8 Lg 07:02:12.195 -1.9 T__ --- 6942796 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.53 298.1 Lg 07:02:13.973 -0.4 T__ --- 6942797 FDSN ZJ -- BUD iLoc HHN ??? _
KECS 0.56 295.3 Lg 07:02:14.777 -0.5 T__ --- 6942798 FDSN SK -- BUD iLoc EHN ??? _
ET1H 0.99 248.7 Lg 07:02:29.078 -1.7 T__ --- 6942799 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/26 08:31:52.62 0.85 1.34 48.8494 20.4984 5.7 3.3 82 0.0f 20 10 98 0.35 1.45 sx BUD 17003280 BUD 150

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 9 BUD 17003280

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.35 175.6 Pg 08:32:00.205 0.4 T__ 257.6 --- ML 1.7 6942837 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.35 175.6 Lg 08:32:05.916 0.6 T__ --- 6942846 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.37 181.3 Pg 08:32:00.282 0.2 T__ 453.7 --- ML 2.0 6942838 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.37 181.3 Lg 08:32:06.048 0.4 T__ --- 6942839 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 0.58 347.2 Pg 08:32:05.010 1.3 T__ 52.2 --- ML 1.5 6942847 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.58 347.2 Lg 08:32:10.493 -1.6 T__ --- 6942848 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.73 178.6 Pg 08:32:09.219 1.5 T__ 113.5 --- ML 2.0 6942841 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.73 178.6 Lg 08:32:18.634 -0.3 T__ --- 6942840 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ABAH 0.74 138.1 Pg 08:32:07.440 0.1 T__ 93.9 --- ML 1.9 6942842 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.74 138.1 Lg 08:32:17.645 -1.9 T__ --- 6942849 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 1.01 203.6 Pn 08:32:13.386 0.1 T__ 115.1 --- ML 2.1 6942843 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.01 203.6 Lg 08:32:27.578 -1.3 T__ --- 6942850 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ET1H 1.06 203.5 Pn 08:32:14.500 0.8 T__ 52.9 --- ML 1.8 6942844 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.06 203.5 Sn 08:32:28.858 -1.4 T__ --- 6942851 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 1.16 252.7 Pn 08:32:15.633 0.4 T__ 18.7 --- ML 1.4 6942853 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.16 252.7 Lg 08:32:30.213 -2.3 T__ --- 6942854 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
KOLS 1.17 85.2 Pg 08:32:15.513 0.6 T__ --- 6942845 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.17 85.2 Lg 08:32:29.816 -2.5 T__ --- 6942852 FDSN SK -- BUD iLoc HHN ??? _
OJC 1.45 341.9 Pn 08:32:19.997 0.4 T__ 187.7 --- ML 2.6 6942856 FDSN PL -- BUD iLoc BHZ BHZ _
OJC 1.45 341.9 Lg 08:32:37.720 -1.7 T__ --- 6942855 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/26 | 08:37:44.94 | 1.56 | 1.61 | 47.4072 | 18.3535 | 14.9 | 4.4 | 126 | 0.0f | 10 | 8 | 105 | 0.08 | 1.21 | sx | BUD | 17003282 | BUD | | | | 170 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.08 | 235.1 | Pg | 08:37:47.642 | 0.5 | | | | | T__ | | 1611.3 | | ___ | ML | 1.7 | 6942893 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.08 | 235.1 | Lg | 08:37:48.912 | -0.5 | | | | | T__ | | | | --- | | 6942902 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.23 | 4.8 | Lg | 08:37:54.702 | 0.1 | | | | | T__ | | | | --- | | 6942894 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.29 | 274.9 | Lg | 08:37:56.314 | -0.3 | | | | | T__ | | | | --- | | 6942895 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.60 | 247.1 | Lg | 08:38:05.668 | -0.9 | | | | | T__ | | | | --- | | 6942896 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.13 | 64.7 | Sn | 08:38:22.414 | -1.9 | | | | | T__ | | | | --- | | 6942897 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.13 | 16.4 | Pn | 08:38:08.062 | 0.9 | | | | | T__ | | 17.4 | | ___ | ML | 1.4 | 6942901 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.13 | 16.4 | Lg | 08:38:23.681 | -0.8 | | | | | T__ | | | | --- | | 6942900 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.16 | 63.3 | Sn | 08:38:23.417 | -2.2 | | | | | T__ | | | | --- | | 6942898 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.21 | 170.4 | Sn | 08:38:23.245 | -2.7 | | | | | T__ | | | | --- | | 6942899 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/10/26 | 09:10:08.81 | 1.98 | 0.77 | 47.2783 | 18.2112 | 16.8 | 6.9 | 151 | 0.0f | 4 | 3 | 235 | 0.09 | 0.47 | sx | BUD | 17003284 | BUD | | | | | 308 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 21.5 | Pg | 09:10:11.548 | 0.2 | | | | | T__ | | 181.7 | | ___ | ML | 0.8 | 6942918 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 21.5 | Lg | 09:10:13.143 | -0.6 | | | | | T__ | | | | --- | | 6942919 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.25 | 308.2 | Lg | 09:10:19.035 | 0.0 | | | | | T__ | | | | --- | | 6942920 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.47 | 257.0 | Lg | 09:10:25.747 | -0.4 | | | | | T__ | | | | --- | | 6942921 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/10/26 | 09:43:11.09 | 1.32 | 1.18 | 48.5409 | 20.8191 | 7.2 | 5.4 | 41 | 0.0f | 12 | 8 | 152 | 0.19 | 1.32 | sx | BUD | 17003286 | BUD | | | | | 226 |

Magnitude Err Nsta Author OrigID
ML 1.5 0.4 4 BUD 17003286

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 256.5 | Pg | 09:43:15.842 | 0.7 | | | | | T__ | | 319.0 | | ___ | ML | 1.3 | 6942970 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 256.5 | Lg | 09:43:18.251 | -0.0 | | | | | T__ | | | | --- | | 6942973 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 255.5 | Pg | 09:43:16.283 | 0.4 | | | | | T__ | | 1659.5 | | ___ | ML | 2.2 | 6942971 | FDSN | SK | -- | BUD | iLoc | EHN | EHZ | _ |
| KECS | 0.23 | 255.5 | Lg | 09:43:19.229 | -0.4 | | | | | T__ | | | | --- | | 6942974 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |


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(Station ML: 2.2 magdef=1
ABAH 0.37 131.0 Lg 09:43:24.784 -0.6 T__
HU02A 0.46 205.2 Pg 09:43:21.668 0.8 T__ 34.5 --- ML 1.1 6942977 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 205.2 Lg 09:43:27.815 -0.6 T__ --- 6942976 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.88 225.1 Lg 09:43:41.066 -1.7 T__
ET1H 0.92 224.1 Pn 09:43:29.832 -0.3 T__ 41.2 --- ML 1.6 6942980 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.92 224.1 Lg 09:43:42.736 -1.0 T__ --- 6942979 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE 0.94 338.9 Lg 09:43:41.247 -1.0 T__
VYHS 1.32 268.7 Sn 09:43:53.246 -2.3 T__ --- 6942978 FDSN PL -- BUD iLoc BHN ??? _
--- 6942981 FDSN SK -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/26 10:07:00.33 1.05 1.14 47.3494 18.4003 5.7 3.9 132 0.0f 16 12 110 0.10 1.28 sx BUD 17003288 BUD 127

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.3 4 BUD 17003288

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.10 278.2 Pg 10:07:03.593 0.7 T__ 2750.4 _c_ ML 2.0 6943039 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.10 278.2 Lg 10:07:04.507 -0.9 T__ --- 6943041 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MSW1 0.11 294.4 Pg 10:07:04.262 1.2 T__ 1810.2 --- ML 1.9 6943053 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.11 294.4 Lg 10:07:04.994 -0.8 T__ --- 6943054 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU09A 0.29 357.6 Pg 10:07:07.408 0.8 T__ 291.3 --- ML 1.6 6943043 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.29 357.6 Lg 10:07:11.091 -0.9 T__ --- 6943042 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU08A 0.33 284.4 Lg 10:07:12.131 -1.3 T__ --- 6943044 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.61 253.3 Lg 10:07:21.291 -1.0 T__ --- 6943045 FDSN HU -- BUD iLoc HHN ??? _
HU10A 0.65 39.9 Lg 10:07:23.186 -1.3 T__ --- 6943040 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.13 61.4 Sn 10:07:38.451 -1.2 T__ --- 6943046 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.15 171.5 Lg 10:07:39.151 -0.6 T__ --- 6943047 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.16 60.1 Sn 10:07:40.108 -0.8 T__ --- 6943048 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.18 14.2 Pn 10:07:24.153 0.9 T__ 14.9 --- ML 1.3 6943050 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.18 14.2 Sn 10:07:39.965 -1.5 T__ --- 6943049 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MODS 1.27 324.0 Sn 10:07:42.336 -1.4 T__ --- 6943051 FDSN SK -- BUD iLoc HHN ??? _
KOVH 1.28 189.4 Sn 10:07:42.889 -0.1 T__ --- 6943052 FDSN HU -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/27 01:44:58.40 1.17 0.80 48.0891 22.9138 9.2 5.9 58 5.6 10.2 72 46 140 0.25 5.03 ke BUD 17003292 BUD 161

```

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Magnitude Err Nsta Author OrigID

```

| ML | 3.2 | 0.2 | 33 | BUD | 17003292 | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------|-------|-------|--------------|----------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|------|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| TRPA | 0.25 | 279.5 | Pg | 01:45:03.935 | 0.4 | | | | | T__ | | 4911.4 | | --- | ML | 2.7 | 6973385 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.25 | 279.5 | Lg | 01:45:08.522 | 0.4 | | | | | T__ | | | | --- | | 6973402 | FDSN | HU | -- | BUD | iLoc | HHN | ???_ | | |
| | (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| BMR | 0.57 | 136.5 | Pg | 01:45:09.039 | -0.6 | | | | | T__ | | 3043.7 | | _d_ | ML | 3.3 | 6973387 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BMR | 0.57 | 136.5 | Lg | 01:45:17.303 | -1.4 | | | | | T__ | | | | --- | | 6973403 | FDSN | RO | -- | BUD | iLoc | HHN | ???_ | | |
| | (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 0.68 | 261.2 | Pg | 01:45:12.510 | 0.8 | | | | | T__ | | 4714.8 | | _d_ | ML | 3.6 | 6973386 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.95 | 333.5 | Pg | 01:45:16.208 | -0.1 | | | | | T__ | | | | --- | | 6973389 | FDSN | SK | -- | BUD | iLoc | HHZ | ???_ | | |
| KOLS | 0.95 | 333.5 | Lg | 01:45:31.043 | 0.2 | | | | | T__ | | | | --- | | 6973404 | FDSN | SK | -- | BUD | iLoc | HHN | ???_ | | |
| LTVH | 0.98 | 224.5 | Pg | 01:45:18.481 | 0.4 | | | | | T__ | | 1354.9 | | --- | ML | 3.2 | 6973388 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 1.14 | 281.1 | Pn | 01:45:19.179 | -0.6 | | | | | T__ | | 2328.4 | | --- | ML | 3.5 | 6973390 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 1.14 | 281.1 | Sn | 01:45:36.162 | -0.8 | | | | | T__ | | | | --- | | 6973405 | FDSN | HU | -- | BUD | iLoc | HHN | ???_ | | |
| | (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 1.31 | 186.1 | Pn | 01:45:22.273 | -0.3 | | | | | T__ | | 784.4 | | --- | ML | 3.1 | 6973391 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 1.31 | 186.1 | Sn | 01:45:41.777 | 0.2 | | | | | T__ | | | | --- | | 6973406 | FDSN | RO | -- | BUD | iLoc | HHN | ???_ | | |
| | (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ARCR | 1.40 | 135.3 | Pn | 01:45:24.205 | 0.3 | | | | | T__ | | 1486.5 | | --- | ML | 3.5 | 6973392 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARCR | 1.40 | 135.3 | Lg | 01:45:44.577 | -0.2 | | | | | T__ | | | | --- | | 6973407 | FDSN | RO | -- | BUD | iLoc | HHN | ???_ | | |
| | (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 1.45 | 161.1 | Pn | 01:45:25.141 | 0.4 | | | | | T__ | | 2220.2 | | --- | ML | 3.7 | 6973393 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| | (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| KWP | 1.55 | 355.0 | Pn | 01:45:25.349 | -1.0 | | | | | T__ | | 303.7 | | --- | ML | 2.8 | 6973394 | FDSN | PL | -- | BUD | iLoc | HHZ | HHZ | _ |
| KWP | 1.55 | 355.0 | Sn | 01:45:45.349 | -3.1 | | | | | T__ | | | | --- | | 6973408 | FDSN | PL | -- | BUD | iLoc | HHE | ???_ | | |
| | (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.60 | 272.1 | Pn | 01:45:25.593 | -0.9 | | | | | T__ | | 584.2 | | --- | ML | 3.2 | 6973395 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.60 | 272.1 | Lg | 01:45:51.089 | -1.1 | | | | | T__ | | | | --- | | 6973409 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ???_ | | |
| | (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.64 | 285.3 | Pn | 01:45:26.393 | -0.4 | | | | | T__ | | 822.1 | | --- | ML | 3.3 | 6973396 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.64 | 285.3 | Pg | 01:45:29.079 | -0.6 | | | | | T__ | | | | --- | | 6973411 | FDSN | ZJ | -- | BUD | iLoc | HHZ | ???_ | | |
| JOS | 1.64 | 285.3 | Sn | 01:45:48.831 | -0.1 | | | | | T__ | | | | --- | | 6973410 | FDSN | ZJ | -- | BUD | iLoc | HHN | ???_ | | |
| | (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.67 | 284.6 | Pg | 01:45:29.735 | -0.6 | | | | | T__ | | 897.4 | | --- | ML | 3.4 | 6973413 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 1.67 | 284.6 | Sn | 01:45:49.735 | 0.0 | | | | | T__ | | | | --- | | 6973412 | FDSN | SK | -- | BUD | iLoc | EHN | ???_ | | |
| | (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| | (Station ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| TENKA | 1.78 | 256.8 | Sn | 01:45:52.282 | 0.3 | | | | | T__ | | | | --- | | 6973414 | FDSN | HU | -- | BUD | iLoc | HHN | ???_ | | |
| TENKA | 1.78 | 256.8 | Lg | 01:45:57.985 | 0.4 | | | | | T__ | | | | --- | | 6973425 | FDSN | HU | -- | BUD | iLoc | HHE | ???_ | | |

| | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--------|-----|---------|------|----|----|-----|------|-----|-----|---|
| ATANC | 1.79 | 255.5 | Pn | 01:45:28.743 | -0.1 | T__ | 729.4 | ___ ML | 3.4 | 6973397 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ATANC | 1.79 | 255.5 | Sn | 01:45:52.596 | 0.5 | T__ | | --- | | 6973415 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| ATANC | 1.79 | 255.5 | Lg | 01:45:58.464 | 0.6 | T__ | | --- | | 6973426 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | |
| HU23A | 1.85 | 256.9 | Sn | 01:45:53.961 | 0.3 | T__ | | --- | | 6973416 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU23A | 1.85 | 256.9 | Lg | 01:46:00.573 | 0.7 | T__ | | --- | | 6973427 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| BSZH | 1.95 | 247.1 | Sn | 01:45:57.156 | 1.1 | T__ | | --- | | 6973428 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| SIRR | 2.01 | 205.6 | Pn | 01:45:32.272 | -0.0 | T__ | 131.1 | ___ ML | 2.7 | 6973429 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 2.01 | 205.6 | Sn | 01:45:58.677 | 0.6 | T__ | | --- | | 6973417 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | |
| PSZ | 2.03 | 266.3 | Pn | 01:45:31.951 | -0.7 | T__ | 278.7 | _d_ ML | 3.1 | 6973398 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 2.03 | 266.3 | Sn | 01:45:58.253 | -0.6 | T__ | | --- | | 6973430 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | |
| ET1H | 2.05 | 265.3 | Pn | 01:45:32.131 | -0.6 | T__ | 201.5 | ___ ML | 2.9 | 6973399 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 2.05 | 265.3 | Sn | 01:45:58.536 | -0.3 | T__ | | --- | | 6973418 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| HU06A | 2.11 | 230.0 | Sn | 01:46:00.470 | 0.9 | T__ | | --- | | 6973431 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| NIE | 2.18 | 308.5 | Pn | 01:45:35.475 | 0.7 | T__ | 87.4 | ___ ML | 2.7 | 6973400 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | |
| DEV | 2.21 | 180.2 | Pg | 01:45:39.921 | -0.4 | T__ | 385.1 | ___ ML | 3.3 | 6973419 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 2.21 | 180.2 | Lg | 01:46:10.417 | 1.1 | T__ | | --- | | 6973420 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | |
| HU03A | 2.23 | 266.5 | Pn | 01:45:36.231 | 1.1 | T__ | 283.9 | ___ ML | 3.2 | 6973401 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | |
| AMBH | 2.29 | 221.4 | Pg | 01:45:42.704 | -0.6 | T__ | | --- | | 6973421 | FDSN | HU | -- | BUD | iLoc | BHZ | ??? | _ |
| AMBH | 2.29 | 221.4 | Lg | 01:46:14.357 | 1.2 | T__ | | --- | | 6973432 | FDSN | HU | -- | BUD | iLoc | BHN | ??? | _ |
| HU01A | 2.35 | 252.7 | Lg | 01:46:16.013 | -0.2 | T__ | | --- | | 6973422 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| BZS | 2.63 | 200.3 | Pn | 01:45:40.735 | -0.2 | T__ | 84.5 | ___ ML | 2.9 | 6973433 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | |
| HU10A | 2.63 | 266.1 | Pn | 01:45:40.431 | -0.2 | T__ | 172.5 | ___ ML | 3.2 | 6973434 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 2.63 | 266.1 | Pg | 01:45:49.150 | -0.6 | T__ | | --- | | 6973423 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | |
| HU04A | 2.66 | 242.5 | Sn | 01:46:12.682 | -0.0 | T__ | | --- | | 6973424 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| GZR | 2.70 | 182.1 | Pn | 01:45:43.297 | 1.0 | T__ | 162.5 | ___ ML | 3.2 | 6973435 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | |
| LOT | 2.71 | 167.1 | Pn | 01:45:41.974 | -0.7 | T__ | 363.7 | ___ ML | 3.6 | 6973437 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 2.71 | 167.1 | Pg | 01:45:49.991 | 0.3 | T__ | | --- | | 6973436 | FDSN | RO | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=0) | | | | | | | | | | | | | | | | | | |
| VYHS | 2.75 | 280.0 | Pn | 01:45:42.222 | -0.4 | T__ | 43.9 | ___ ML | 2.7 | 6973438 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 2.75 | 280.0 | Sn | 01:46:16.520 | 0.3 | T__ | | --- | | 6973439 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| OJC | 2.95 | 317.4 | Pg | 01:45:56.024 | 2.4 | T__ | 99.0 | ___ | ML | 3.1 | 6973440 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CSKK | 3.22 | 258.7 | Pn | 01:45:48.379 | -0.5 | T__ | 142.3 | ___ | ML | 3.4 | 6973441 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 3.22 | 258.7 | Sn | 01:46:27.016 | 0.1 | T__ | | --- | | | 6973442 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW2 | 3.27 | 257.8 | Pn | 01:45:49.082 | -0.5 | T__ | 67.0 | ___ | ML | 3.1 | 6973444 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 3.27 | 257.8 | Sn | 01:46:27.759 | -0.3 | T__ | | --- | | | 6973443 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A331A | 3.29 | 290.6 | Pn | 01:45:51.231 | 1.0 | T__ | 100.5 | ___ | ML | 3.3 | 6973445 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MSW3 | 3.31 | 259.4 | Sn | 01:46:29.660 | 0.8 | T__ | | --- | | | 6973446 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU08A | 3.43 | 260.8 | Sn | 01:46:32.553 | 0.7 | T__ | | --- | | | 6973447 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MORH | 3.46 | 238.8 | Pg | 01:46:05.859 | 0.3 | T__ | 54.2 | ___ | ML | 3.2 | 6973448 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JAVC | 3.57 | 284.4 | Pn | 01:45:54.206 | -0.2 | T__ | 132.8 | ___ | ML | 3.6 | 6973449 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 3.57 | 284.4 | Sn | 01:46:37.098 | -0.5 | T__ | | --- | | | 6973450 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MPLH | 3.75 | 257.8 | Sn | 01:46:39.743 | 0.1 | T__ | | --- | | | 6973451 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 3.78 | 276.4 | Pn | 01:45:57.098 | 0.0 | T__ | | --- | | | 6973452 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MORC | 3.92 | 297.5 | Pn | 01:45:57.925 | -1.2 | T__ | 88.0 | ___ | ML | 3.5 | 6973456 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VRAC | 4.36 | 288.6 | Sn | 01:46:56.107 | -1.0 | T__ | | --- | | | 6973453 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| CONA | 4.74 | 270.7 | Pn | 01:46:09.495 | -0.9 | T__ | 65.5 | ___ | ML | 3.6 | 6973454 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A013A | 5.03 | 272.5 | Pn | 01:46:14.206 | -0.2 | T__ | 65.8 | ___ | ML | 3.7 | 6973455 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=0) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/27 | 08:55:05.03 | 1.30 | 1.05 | 48.5346 | 20.8270 | 7.3 | 6.1 | 32 | 0.0f | | 13 | 8 | 152 | 0.20 | 1.32 | sx | BUD | 17003298 | BUD | | | 227 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.0 | 5 BUD | 17003298 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|--------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.20 | 258.6 | Pg | 08:55:09.807 | 0.7 | | | | | T__ | | 374.3 | | ___ | ML | 1.4 | 6943243 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.20 | 258.6 | Lg | 08:55:12.213 | -0.1 | | | | | T__ | | | | --- | | 6943244 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 257.4 | Pg | 08:55:10.292 | 0.4 | | | | | T__ | 1687.9 | | | ___ | ML | 2.2 | 6943245 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 257.4 | Lg | 08:55:13.354 | -0.3 | | | | | T__ | | | | --- | | 6943247 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.36 | 130.8 | Lg | 08:55:18.726 | -0.3 | | | | | T__ | | | | --- | | 6943248 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|------|--|--|--|---------|---------|------|----|-----|------|------|-----|-----|---|
| HU02A | 0.46 | 206.1 | Lg | 08:55:21.931 | -0.3 | T__ | | | | | | | | 6943249 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.88 | 225.7 | Pn | 08:55:23.434 | -0.2 | T__ | | | | 54.2 | | | | 1.7 | 6943251 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.88 | 225.7 | Lg | 08:55:35.309 | -1.4 | T__ | | | | | | | | | 6943250 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.92 | 224.6 | Pn | 08:55:24.061 | 0.0 | T__ | | | | 55.7 | | | | 1.8 | 6943254 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.92 | 224.6 | Lg | 08:55:36.592 | -1.0 | T__ | | | | | | | | | 6943253 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.95 | 338.7 | Lg | 08:55:35.238 | -1.2 | T__ | | | | | | | | | 6943252 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| VYHS | 1.32 | 269.0 | Pn | 08:55:30.965 | 1.0 | T__ | | | | 20.7 | | | | 1.6 | 6943255 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.32 | 269.0 | Sn | 08:55:47.527 | -2.1 | T__ | | | | | | | | | 6943246 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/10/27 | 09:50:27.71 | 1.08 | 0.74 | 46.8740 | 17.3408 | 6.2 | 5.4 | 104 | 0.0f | | 9 | 8 | 83 | 0.15 | 1.11 | sx | BUD | 17003300 | BUD | | | 143 |

Magnitude Err Nsta Author OrigID

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| A261A | 0.15 | 300.7 | Pg | 09:50:32.021 | 0.6 | | | | | T__ | | 5588.5 | | | ML | 2.5 | 6943309 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.15 | 300.7 | Lg | 09:50:33.396 | -1.0 | | | | | T__ | | | | | | 6943308 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.23 | 184.4 | Lg | 09:50:36.143 | -0.8 | | | | | T__ | | | | | | 6943304 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.33 | 24.6 | Lg | 09:50:40.153 | -0.3 | | | | | T__ | | | | | | 6943310 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.80 | 51.7 | Lg | 09:50:56.307 | -0.8 | | | | | T__ | | | | | | 6943306 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KOGS | 0.86 | 240.8 | Lg | 09:50:55.620 | -0.4 | | | | | T__ | | | | | | 6943305 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| KOVH | 0.94 | 146.0 | Lg | 09:51:00.170 | 0.4 | | | | | T__ | | | | | | 6943307 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 1.04 | 42.5 | Sn | 09:51:04.155 | -0.5 | | | | | T__ | | | | | | 6943311 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.11 | 125.8 | Sn | 09:51:05.866 | -0.0 | | | | | T__ | | | | | | 6943312 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
| 2021/10/27 | 10:22:16.50 | 1.62 | 1.55 | 47.5487 | 18.4806 | 14.6 | 3.9 | 98 | 0.0f | | 5 | 3 | 204 | 0.11 | 0.98 | kx | BUD | 17003302 | BUD | | | | | 309 |
| 2021/10/27 | 10:22:16.74 | 1.00 | 1.09 | 47.5600 | 18.4573f | | | | 0.0f | | 5 | 3 | 199 | 0.09 | 0.97 | kx | BUD_GT | 17003303 | BUD_GT | | | | | 312 |

(locality : Tatabánya Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| HU09A | 0.09 | 327.2 | Pg | 10:22:20.052 | 0.9 | | | | | T__ | | 829.1 | | | ML | 1.5 | 6943345 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 10:22:20.947 | -0.6 | | | | | T__ | | | | | | 6943346 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 10:22:22.429 | 0.4 | | | | | T__ | | 184.6 | | | ML | 1.2 | 6943347 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 10:22:25.217 | -1.4 | | | | | T__ | | | | | | 6943348 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
|---|-------------|-------|-------|--------------|-----------|------|-------|------|-------|-----|------|-------|-----|-------|-----------|---------|---------|----------|-----|-------|------|------|-----|-----|---|
| 2021/10/27 | 10:48:58.45 | 1.42 | 0.86 | 48.7979 | 21.4086 | 40.5 | 4.4 | 158 | 0.0f | 8 | 5 | 193 | | 0.59 | 1.38 | sx | BUD | 17003304 | BUD | | | 338 | | | |
| Magnitude Err Nsta Author OrigID ML 1.8 0.1 3 BUD 17003304 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| KOLS | 0.59 | 76.3 | Pg | 10:49:10.154 | 0.4 | | | | | T__ | | | | | | 6943405 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.59 | 76.3 | Lg | 10:49:18.091 | -1.3 | | | | | T__ | | | | | | 6943406 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.65 | 242.7 | Lg | 10:49:20.837 | -0.3 | | | | | T__ | | | | | | 6943409 | FDSN | ZJ | -- | BUD | iLoc | HHZ | ??? | _ | |
| KECS | 0.69 | 243.1 | Pg | 10:49:12.476 | 0.3 | | | | | T__ | | 82.0 | | | ML | 1.8 | 6943408 | FDSN | SK | -- | BUD | iLoc | EHN | EHZ | _ |
| KECS | 0.69 | 243.1 | Lg | 10:49:21.500 | -1.0 | | | | | T__ | | | | | | 6943407 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.90 | 221.3 | Pn | 10:49:17.093 | -0.2 | | | | | T__ | | 51.7 | | | ML | 1.7 | 6943410 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.90 | 221.3 | Lg | 10:49:30.648 | 0.0 | | | | | T__ | | | | | | 6943411 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.38 | 228.7 | Pn | 10:49:24.724 | 0.8 | | | | | T__ | | 72.7 | | | ML | 2.1 | 6943412 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | |
| 2021/10/27 | 11:36:31.39 | 1.21 | 1.01 | 46.0966 | 16.3761 | 9.6 | 4.1 | 129 | 0.0f | 12 | 8 | 151 | | 0.34 | 1.87 | sx | BUD | 17003306 | BUD | | | 200 | | | |
| Magnitude Err Nsta Author OrigID ML 1.6 0.4 4 BUD 17003306 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| PTJ | 0.34 | 236.5 | Pg | 11:36:38.456 | -0.2 | | | | | T__ | | 95.2 | | | ML | 1.2 | 6943469 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.34 | 236.5 | Lg | 11:36:43.305 | -0.7 | | | | | T__ | | | | | | 6943478 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.36 | 346.1 | Pg | 11:36:38.551 | -0.4 | | | | | T__ | | 147.7 | | | ML | 1.5 | 6943474 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.36 | 346.1 | Lg | 11:36:44.443 | 0.3 | | | | | T__ | | | | | | 6943471 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.47 | 36.4 | Pg | 11:36:41.368 | 0.1 | | | | | T__ | | 574.9 | | | ML | 2.4 | 6943467 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.47 | 36.4 | Lg | 11:36:47.931 | -0.2 | | | | | T__ | | | | | | 6943472 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 0.70 | 247.4 | Pg | 11:36:44.923 | 0.1 | | | | | T__ | | 81.4 | | | ML | 1.8 | 6943468 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.70 | 247.4 | Lg | 11:36:56.542 | 1.5 | | | | | T__ | | | | | | 6943475 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.30 | 333.3 | Lg | 11:37:13.011 | 0.3 | | | | | T__ | | | | | | 6943476 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| OBKA | 1.33 | 288.7 | Lg | 11:37:14.382 | -0.0 | | | | | T__ | | | | | | 6943470 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.58 | 84.9 | Sn | 11:37:22.047 | 1.2 | | | | | T__ | | | | | | 6943473 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

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CONA 1.87 349.3 Sn 11:37:30.557 2.1 T__ --- 6943477 FDSN OE -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/27 12:38:45.86 1.28 1.12 48.8725 20.7403 8.6 6.1 79 0.0f 11 7 177 0.40 1.15 sx BUD 17003308 BUD 299

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 4 BUD 17003308

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.40 199.5 Pg 12:38:54.491 0.6 T__ 64.2 --- ML 1.2 6943540 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.40 199.5 Lg 12:38:59.647 -0.4 T__ --- 6943542 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
 Station ML: 1.2 magdef=1
KECS 0.42 203.5 Pg 12:38:54.790 0.4 T__ 123.0 --- ML 1.6 6943541 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.42 203.5 Lg 12:39:01.300 0.4 T__ --- 6943545 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
 Station ML: 1.6 magdef=1
NIE 0.62 332.3 Lg 12:39:05.673 -0.7 T__ --- 6943546 FDSN PL -- BUD iLoc BHN ??? _
ABAH 0.67 149.9 Pg 12:38:59.834 0.7 T__ 91.1 --- ML 1.8 6943548 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.67 149.9 Lg 12:39:08.686 -1.5 T__ --- 6943547 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
 Station ML: 1.8 magdef=1
HU02A 0.76 190.9 Pg 12:39:01.906 0.3 T__ 45.0 --- ML 1.6 6943544 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.76 190.9 Lg 12:39:11.718 -1.8 T__ --- 6943543 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
 Station ML: 1.6 magdef=1
PSZ 1.11 210.9 Sn 12:39:23.718 -1.6 T__ --- 6943549 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.15 210.6 Sn 12:39:25.111 -0.7 T__ --- 6943550 FDSN HU -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/28 07:31:24.78 0.94 1.46 47.3143 17.6670 8.5 3.5 138 0.0f 12 8 86 0.17 1.37 kx BUD 17003312 BUD 135
2021/10/28 07:31:24.58 0.91 0.98 47.3300 17.6350f 0.0f 12 8 94 0.17 1.34 kx BUD_GT 17003313 BUD_GT 144
(locality : Ugod Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.7 0.3 4 BUD_GT 17003313

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MPLH 0.17 202.2 Pg 07:31:29.053 0.4 T__ 418.5 --- ML 1.4 6943611 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.17 202.2 Lg 07:31:31.389 -0.7 T__ --- 6943610 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
 Station ML: 1.4 magdef=1
HU08A 0.22 62.6 Pg 07:31:30.060 0.5 T__ 464.8 --- ML 1.6 6943612 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.22 62.6 Lg 07:31:33.498 -0.3 T__ --- 6943609 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
 Station ML: 1.6 magdef=1
CSKK 0.43 85.3 Lg 07:31:39.691 -1.4 T__ --- 6943613 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.59 58.4 Lg 07:31:45.361 -1.5 T__ --- 6943614 FDSN ZJ 00 BUD iLoc HHN ??? _
MODS 1.07 347.1 Sn 07:32:00.777 -2.0 T__ --- 6943615 FDSN SK -- BUD iLoc HHN ??? _

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|----------------------------|------|-------|----|--------------|------|--|--|--|--|-----|------|--|--|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| KOVH | 1.28 | 165.4 | Sn | 07:32:07.038 | -0.1 | | | | | T__ | | | | 6943616 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| MORH | 1.31 | 147.8 | Pg | 07:31:51.285 | 0.7 | | | | | T__ | 42.6 | | | --- | ML | 1.9 | 6943618 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.31 | 147.8 | Sn | 07:32:07.972 | 0.1 | | | | | T__ | | | | --- | | 6943617 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.34 | 297.2 | Pg | 07:31:51.822 | 0.9 | | | | | T__ | 85.0 | | | --- | ML | 2.2 | 6943620 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.34 | 297.2 | Lg | 07:32:08.635 | 0.4 | | | | | T__ | | | | --- | | 6943619 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/10/28 | 08:38:55.33 | 1.56 | 1.01 | 48.4957 | 20.8327 | 11.1 | 6.0 | 21 | 0.0f | | 9 | 7 | 215 | 0.20 | 1.33 | sx | BUD | 17003316 | BUD | | | 298 |

Magnitude Err Nsta Author OrigID

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-------|-----|------|-----------|-------|---------|---------|------|------|-----|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
| JOS | 0.20 | 270.1 | Pg | 08:38:59.644 | 0.2 | | | | | T__ | | 145.1 | | | --- | ML | 1.0 | 6943684 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.20 | 270.1 | Lg | 08:39:02.504 | -0.2 | | | | | T__ | | | | | --- | | 6943689 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 267.0 | Pg | 08:39:00.434 | 0.3 | | | | | T__ | 389.3 | | | | --- | ML | 1.5 | 6943685 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 267.0 | Lg | 08:39:03.528 | -0.4 | | | | | T__ | | | | | --- | | 6943690 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.34 | 126.2 | Lg | 08:39:08.019 | -0.4 | | | | | T__ | | | | | --- | | 6943691 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.43 | 208.9 | Lg | 08:39:11.873 | 0.4 | | | | | T__ | | | | | --- | | 6943686 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.85 | 227.7 | Lg | 08:39:25.583 | -0.6 | | | | | T__ | | | | | --- | | 6943692 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.89 | 226.6 | Lg | 08:39:26.743 | -0.3 | | | | | T__ | | | | | --- | | 6943687 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.33 | 270.7 | Sn | 08:39:37.750 | -2.2 | | | | | T__ | | | | | --- | | 6943688 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/10/28 | 08:48:55.14 | 1.29 | 0.44 | 48.6239 | 19.2423 | 11.8 | 3.7 | 174 | 0.0f | | 10 | 6 | 213 | 0.30 | 0.99 | sx | BUD | 17003318 | BUD | | | 307 |

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 4 BUD 17003318

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|------|-----|------|-----------|-------|---------|---------|------|------|-----|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
| VYHS | 0.30 | 244.4 | Pg | 08:49:01.649 | 0.3 | | | | | T__ | | 41.5 | | | --- | ML | 0.8 | 6943739 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.30 | 244.4 | Lg | 08:49:05.524 | -0.5 | | | | | T__ | | | | | --- | | 6943740 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.83 | 148.1 | Lg | 08:49:24.874 | -0.3 | | | | | T__ | | | | | --- | | 6943744 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.84 | 99.2 | Pg | 08:49:12.301 | 0.5 | | | | | T__ | 95.6 | | | | --- | ML | 1.9 | 6943748 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.84 | 99.2 | Lg | 08:49:23.952 | -0.4 | | | | | T__ | | | | | --- | | 6943741 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.86 | 150.3 | Lg | 08:49:25.747 | 0.1 | | | | | T__ | | | | | --- | | 6943745 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.87 | 98.0 | Pg | 08:49:12.583 | 0.2 | | | | | T__ | 68.1 | | | | --- | ML | 1.8 | 6943743 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.87 | 98.0 | Lg | 08:49:24.833 | -0.6 | | | | | T__ | | | | | --- | | 6943742 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 1.8 magdef=1
 HU02A 0.99 119.9 Pn 08:49:15.320 -0.1 T__ 70.4 ___ ML 1.9 6943747 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU02A 0.99 119.9 Lg 08:49:29.632 -0.4 T__ ___ 6943746 FDSN ZJ 00 BUD iLoc HHN ??? _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/10/28 | 09:10:34.72 | 1.87 | 0.95 | 46.8172 | 22.8777 | 34.4 | 4.2 | 178 | 0.0f | 11 | 6 | 204 | 0.12 | 1.50 | sx | BUD | 17003320 | BUD | | | | 257 |

Magnitude Err Nsta Author OrigID
 ML 2.0 0.4 5 BUD 17003320

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| DRGR | 0.12 | 257.4 | Pg | 09:10:37.593 | 0.1 | | | | | T__ | | 679.5 | | ___ | ML | 1.5 6943780 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| DRGR | 0.12 | 257.4 | Lg | 09:10:39.468 | -0.4 | | | | | T__ | | | | --- | | 6943781 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 0.51 | 101.6 | Pg | 09:10:45.269 | 0.4 | | | | | T__ | | 379.7 | | ___ | ML | 2.3 6943782 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| CJR | 0.51 | 101.6 | Lg | 09:10:51.363 | -1.5 | | | | | T__ | | | | --- | | 6943783 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 1.00 | 237.3 | Pn | 09:10:54.722 | -0.3 | | | | | T__ | | 29.3 | | ___ | ML | 1.5 6943785 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| SIRR | 1.00 | 237.3 | Lg | 09:11:08.660 | -0.6 | | | | | T__ | | | | --- | | 6943784 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.43 | 182.9 | Pn | 09:11:02.251 | 0.9 | | | | | T__ | | 46.5 | | ___ | ML | 2.0 6943786 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| GZR | 1.43 | 182.9 | Sn | 09:11:22.563 | 0.9 | | | | | T__ | | | | --- | | 6943787 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.49 | 216.6 | Sn | 09:11:23.126 | 0.6 | | | | | T__ | | | | --- | | 6943788 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| LOT | 1.50 | 155.3 | Pn | 09:11:04.131 | 1.4 | | | | | T__ | | 82.0 | | ___ | ML | 2.2 6943790 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| LOT | 1.50 | 155.3 | Sn | 09:11:24.693 | 0.6 | | | | | T__ | | | | --- | | 6943789 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/10/28 | 09:38:11.60 | 1.19 | 1.13 | 48.2242 | 21.2243 | 8.0 | 3.8 | 143 | 0.0f | 17 | 10 | 154 | 0.07 | 1.62 | kx | BUD | 17003322 | BUD | | | | 205 |
| 2021/10/28 | 09:38:11.55 | 0.88 | 1.05 | 48.2470 | 21.2460f | | | | 0.0f | 17 | 10 | 151 | 0.05 | 1.63 | kx | BUD_GT | 17003323 | BUD_GT | | | | 204 |

(locality : Táallya Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 7 BUD_GT 17003323

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| ABAH | 0.05 | 355.1 | Pg | 09:38:13.519 | 0.4 | | | | | T__ | | 31304.5 | | ___ | ML | 2.9 6943852 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| ABAH | 0.05 | 355.1 | Lg | 09:38:14.612 | -0.1 | | | | | T__ | | | | --- | | 6943856 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 09:38:21.928 | -0.2 | | | | | T__ | | 106.0 | | ___ | ML | 1.7 6943857 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|---------|------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| HU02A | 0.50 | 255.8 | Lg | 09:38:28.959 | -1.3 | T__ | --- | 6943858 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 09:38:22.742 | 0.5 | T__ | 125.6 | --- | ML | 1.9 | 6943853 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 09:38:30.085 | -0.4 | T__ | --- | 6943854 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 09:38:23.513 | 0.7 | T__ | 160.9 | --- | ML | 2.0 | 6943855 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 09:38:30.810 | -0.6 | T__ | --- | 6943859 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Lg | 09:38:41.566 | -1.4 | T__ | --- | 6943860 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| PSZ | 0.96 | 250.6 | Pn | 09:38:31.638 | 0.3 | T__ | 101.3 | --- | ML | 2.0 | 6943862 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 09:38:44.013 | -2.3 | T__ | --- | 6943861 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 09:38:31.872 | 0.4 | T__ | --- | 6943863 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | | |
| KOLS | 0.97 | 44.4 | Lg | 09:38:44.809 | -1.0 | T__ | --- | 6943864 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | |
| ET1H | 0.99 | 248.7 | Pn | 09:38:31.941 | 0.4 | T__ | 65.4 | _c | ML | 1.9 | 6943866 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 09:38:45.066 | -1.8 | T__ | --- | 6943865 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 1.33 | 332.3 | Pg | 09:38:38.332 | 1.7 | T__ | 38.7 | --- | ML | 1.8 | 6943867 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.63 | 279.6 | Sn | 09:39:03.611 | 0.3 | T__ | --- | 6943868 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/28 | 10:29:46.61 | 0.98 | 1.00 | 48.4101 | 17.2943 | 5.5 | 3.8 | 108 | 0.0f | | 9 | 7 | 112 | 0.04 | 1.31 | sx | BUD | 17003324 | BUD | | | 168 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| MODS | 0.04 | 197.2 | Pg | 10:29:47.734 | -0.3 | | | | | T__ | | | | _c | | 6943909 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| MODS | 0.04 | 197.2 | Lg | 10:29:49.640 | 0.1 | | | | | T__ | | | | --- | | 6943910 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| JAVC | 0.51 | 28.9 | Lg | 10:30:04.781 | -0.9 | | | | | T__ | | | | --- | | 6943911 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | | |
| KRUC | 0.88 | 318.0 | Pg | 10:30:04.656 | 1.1 | | | | | T__ | 45.8 | | | --- | ML | 1.7 | 6943912 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KRUC | 0.88 | 318.0 | Lg | 10:30:14.906 | -1.7 | | | | | T__ | | | | --- | | 6943913 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.98 | 223.7 | Lg | 10:30:19.328 | 0.6 | | | | | T__ | | | | --- | | 6943914 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| VYHS | 1.03 | 84.7 | Lg | 10:30:22.944 | 0.7 | | | | | T__ | | | | --- | | 6943916 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| CONA | 1.07 | 243.8 | Lg | 10:30:22.076 | 0.4 | | | | | T__ | | | | --- | | 6943915 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| A013A | 1.31 | 255.3 | Lg | 10:30:28.576 | -0.2 | | | | | T__ | | | | --- | | 6943917 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/10/28 | 10:51:46.45 | 1.67 | 0.59 | 47.8888 | 20.1352 | 15.7 | 3.6 | 159 | 0.0f | | 9 | 5 | 218 | 0.16 | 1.06 | kx | BUD | 17003326 | BUD | | | 243 |
| 2021/10/28 | 10:51:46.07 | 0.94 | 0.61 | 47.8650 | 20.1529f | | | | 0.0f | | 9 | 5 | 230 | 0.18 | 1.08 | kx | BUD_GT | 17003327 | BUD_GT | | | 252 |

(locality : Kismána Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.6 0.1 4 BUD_GT 17003327

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 10:51:50.890 | 0.3 | | | | | T__ | | 692.9 | | --- | ML | 1.6 6943957 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 10:51:53.682 | -0.5 | | | | | T__ | | | | --- | | 6943958 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 10:51:50.984 | 0.4 | | | | | T__ | | 553.3 | | --- | ML | 1.6 6943956 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 10:51:53.420 | -0.6 | | | | | T__ | | | | --- | | 6943962 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 10:51:54.307 | 0.4 | | | | | T__ | | 128.6 | | --- | ML | 1.4 6943960 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.0 | Lg | 10:51:59.274 | -0.8 | | | | | T__ | | | | --- | | 6943959 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.68 | 22.1 | Pg | 10:52:00.289 | 0.5 | | | | | T__ | | 62.7 | | --- | ML | 1.7 6943963 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 22.1 | Lg | 10:52:10.202 | 0.0 | | | | | T__ | | | | --- | | 6943961 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.08 | 306.0 | Lg | 10:52:22.713 | -1.0 | | | | | T__ | | | | --- | | 6943964 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/10/28 12:05:36.42 1.21 1.08 48.9083 21.1323 7.9 5.3 88 0.0f 10 6 134 0.57 0.88 sx BUD 17003328 BUD 222

Magnitude Err Nsta Author OrigID
 ML 1.7 0.0 4 BUD 17003328

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| JOS | 0.57 | 223.8 | Pg | 12:05:48.232 | 0.5 | | | | | T__ | | 77.7 | | --- | ML | 1.7 6943994 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.57 | 223.8 | Lg | 12:05:55.763 | -0.6 | | | | | T__ | | | | --- | | 6943997 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.60 | 225.4 | Pg | 12:05:48.993 | 0.5 | | | | | T__ | | 95.5 | | --- | ML | 1.8 6943995 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.60 | 225.4 | Lg | 12:05:56.868 | -0.7 | | | | | T__ | | | | --- | | 6943998 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.62 | 173.3 | Lg | 12:05:58.283 | -0.7 | | | | | T__ | | | | --- | | 6943999 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| NIE | 0.75 | 313.4 | Pg | 12:05:51.121 | 0.6 | | | | | T__ | | 58.1 | | --- | ML | 1.7 6944001 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.75 | 313.4 | Lg | 12:06:00.184 | -1.0 | | | | | T__ | | | | --- | | 6944000 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.75 | 87.7 | Lg | 12:06:02.142 | -0.8 | | | | | T__ | | | | --- | | 6944002 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| HU02A | 0.88 | 207.4 | Pg | 12:05:55.657 | 1.1 | | | | | T__ | | 53.0 | | --- | ML | 1.7 6943996 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.88 | 207.4 | Lg | 12:06:06.375 | -1.8 | | | | | T__ | | | | --- | | 6944003 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2021/10/28 13:00:38.07 0.93 0.93 47.9025 16.0993 5.6 4.0 31 0.0f 13 9 88 0.16 1.51 sx BUD 17003330 BUD 152

Magnitude Err Nsta Author OrigID
ML 1.6 0.5 4 BUD 17003330

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude, ArrID, Agy, Deploy, Ln, Auth, Rep, PCh, ACh, L. Includes entries for CONA, RONA, ARSA, MODS, KRUC, JAVC, VRAC, TREC, CKRC, and CKRC.

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/29 06:25:55.45 1.12 1.17 48.0263 20.3689 12.3 3.4 146 0.0f 8 5 181 0.14 0.64 kx BUD 17003334 BUD 199
2021/10/29 06:25:54.98 0.95 1.37 47.9767 20.3679f 0.0f 8 5 192 0.18 0.67 kx BUD_GT 17003335 BUD_GT 218
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.0 0.1 3 BUD_GT 17003335

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude, ArrID, Agy, Deploy, Ln, Auth, Rep, PCh, ACh, L. Includes entries for HU02A, PSZ, ET1H, JOS, and ABAH.

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/29 | 08:13:51.45 | 3.09 | 1.28 | 48.8710 | 21.1114 | 22.8 | 8.4 | 86 | 0.0f | | 8 | 5 | 251 | 0.53 | 1.29 | sx | BUD | 17003336 | BUD | | | 340 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 3 BUD | 17003336 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.53 | 225.5 | Pg | 08:14:03.209 | 1.1 | | | | | T__ | | 52.5 | | --- | ML | 1.5 | 6944163 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 225.5 | Lg | 08:14:09.647 | -0.5 | | | | | T__ | | | | --- | | 6944165 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.57 | 227.1 | Pg | 08:14:03.631 | 0.8 | | | | | T__ | | 100.8 | | --- | ML | 1.8 | 6944164 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.57 | 227.1 | Lg | 08:14:10.674 | -0.7 | | | | | T__ | | | | --- | | 6944166 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.76 | 316.1 | Lg | 08:14:15.520 | -1.3 | | | | | T__ | | | | --- | | 6944167 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU02A | 0.84 | 207.7 | Pg | 08:14:08.566 | -0.3 | | | | | T__ | | 59.2 | | --- | ML | 1.7 | 6944169 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.84 | 207.7 | Lg | 08:14:20.170 | -1.7 | | | | | T__ | | | | --- | | 6944168 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.29 | 220.3 | Sn | 08:14:33.780 | -1.1 | | | | | T__ | | | | --- | | 6944170 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/29 | 08:50:40.74 | 0.89 | 0.94 | 46.9070 | 17.3917 | 4.7 | 3.7 | 103 | 0.0f | | 18 | 14 | 93 | 0.17 | 2.00 | sx | BUD | 17003338 | BUD | | | 114 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 4 BUD | 17003338 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.17 | 285.2 | Pg | 08:50:44.924 | 0.1 | | | | | T__ | | 32691.3 | | _d | ML | 3.3 | 6944206 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.17 | 285.2 | Lg | 08:50:46.955 | -1.1 | | | | | T__ | | | | --- | | 6944209 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.27 | 191.2 | Lg | 08:50:50.299 | -0.9 | | | | | T__ | | | | --- | | 6944210 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.28 | 21.0 | Pg | 08:50:47.768 | 0.8 | | | | | T__ | | 417.3 | | --- | ML | 1.7 | 6944212 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.28 | 21.0 | Lg | 08:50:51.081 | -0.9 | | | | | T__ | | | | --- | | 6944211 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.51 | 355.4 | Lg | 08:50:58.500 | -1.1 | | | | | T__ | | | | --- | | 6944213 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| BEHE | 0.61 | 224.4 | Lg | 08:51:00.691 | -1.1 | | | | | T__ | | | | --- | | 6944214 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.64 | 34.5 | Lg | 08:51:03.236 | -1.1 | | | | | T__ | | | | --- | | 6944215 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOGS | 0.91 | 240.1 | Lg | 08:51:10.930 | 0.4 | | | | | T__ | | | | --- | | 6944216 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| KOVH | 0.95 | 148.9 | Pg | 08:51:00.346 | 0.3 | | | | | T__ | | 67.6 | | --- | ML | 1.9 | 6944218 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.95 | 148.9 | Lg | 08:51:13.034 | -0.1 | | | | | T__ | | | | --- | | 6944217 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.96 | 324.2 | Lg | 08:51:12.902 | -0.2 | | | | | T__ | | | | --- | | 6944219 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.09 | 317.2 | Lg | 08:51:16.952 | 0.1 | | | | | T__ | | | | --- | | 6944220 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.11 | 128.3 | Pn | 08:51:02.983 | 0.8 | | | | | T__ | | 51.1 | | --- | ML | 1.8 | 6944221 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|--|--|--|--|-----|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| MORH | 1.11 | 128.3 | Sn | 08:51:17.920 | -0.8 | | | | | T__ | | | | 6944207 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.32 | 285.7 | Lg | 08:51:23.800 | 1.0 | | | | | T__ | | | | 6944222 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| CONA | 1.46 | 315.1 | Sn | 08:51:27.840 | 0.1 | | | | | T__ | | | | 6944223 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| OBKA | 2.00 | 259.5 | Lg | 08:51:46.929 | 1.9 | | | | | T__ | | | | 6944224 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/10/29 | 09:32:17.31 | 1.48 | 0.91 | 47.9240 | 20.1244 | 25.8 | 3.7 | 157 | 0.0f | | 6 | 3 | 201 | 0.15 | 0.33 | kx | BUD | 17003340 | BUD | | | 347 |
| 2021/10/29 | 09:32:16.75 | 1.00 | 0.89 | 47.8650 | 20.1529f | | | | 0.0f | | 6 | 3 | 230 | 0.18 | 0.36 | kx | BUD_GT | 17003341 | BUD_GT | | | 347 |
| (locality : Kismána Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 0.9 | 0.0 | 3 BUD_GT | 17003341 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 09:32:21.761 | 0.5 | | | | | T__ | | 191.9 | | ___ | ML | 1.1 | 6944260 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 09:32:23.855 | -1.0 | | | | | T__ | | | | ___ | | 6944264 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 09:32:21.882 | 0.7 | | | | | T__ | | 108.2 | | ___ | ML | 0.9 | 6944262 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 09:32:23.929 | -0.8 | | | | | T__ | | | | ___ | | 6944261 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 09:32:25.069 | 0.5 | | | | | T__ | | 37.3 | | ___ | ML | 0.9 | 6944265 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.0 | Lg | 09:32:29.572 | -1.2 | | | | | T__ | | | | ___ | | 6944263 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/10/29 | 15:01:40.29 | 0.90 | 0.57 | 47.5961 | 16.3923 | 4.6 | 3.8 | 16 | 0.0f | | 17 | 10 | 111 | 0.12 | 1.66 | sx | BUD | 17003342 | BUD | | | 124 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 6 BUD | 17003342 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.12 | 328.0 | Pg | 15:01:43.143 | 0.0 | | | | | T__ | | 453.2 | | ___ | ML | 1.3 | 6944303 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.12 | 328.0 | Lg | 15:01:44.799 | -0.4 | | | | | T__ | | | | ___ | | 6944305 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.14 | 52.1 | Pg | 15:01:44.178 | 0.7 | | | | | T__ | | 248.4 | | _c_ | ML | 1.1 | 6944302 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.14 | 52.1 | Lg | 15:01:46.389 | 0.5 | | | | | T__ | | | | ___ | | 6944306 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.49 | 313.1 | Pg | 15:01:50.507 | 0.4 | | | | | T__ | | 60.8 | | ___ | ML | 1.4 | 6944304 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.49 | 313.1 | Lg | 15:01:56.257 | -0.4 | | | | | T__ | | | | ___ | | 6944307 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.66 | 105.4 | Lg | 15:02:03.353 | -0.5 | | | | | T__ | | | | ___ | | 6944310 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ARSA | 0.68 | 240.0 | Pg | 15:01:53.755 | 0.2 | T__ | 77.6 | --- | ML | 1.8 | 6944309 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.68 | 240.0 | Lg | 15:02:01.724 | -0.4 | T__ | | --- | | | 6944308 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A005B | 0.79 | 350.9 | Lg | 15:02:06.823 | -0.2 | T__ | | --- | | | 6944311 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| MPLH | 0.89 | 118.2 | Pg | 15:01:58.539 | 0.4 | T__ | 61.4 | --- | ML | 1.8 | 6944313 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.89 | 118.2 | Lg | 15:02:10.727 | -0.5 | T__ | | --- | | | 6944312 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.98 | 37.1 | Pg | 15:02:00.474 | 0.3 | T__ | | --- | | | 6944315 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.98 | 37.1 | Lg | 15:02:14.036 | -1.3 | T__ | | --- | | | 6944314 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| KRUC | 1.47 | 0.1 | Pn | 15:02:07.611 | 0.2 | T__ | 60.7 | --- | ML | 2.1 | 6944317 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.47 | 0.1 | Sn | 15:02:27.611 | 0.3 | T__ | | --- | | | 6944316 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.66 | 229.9 | Sn | 15:02:31.853 | -0.9 | T__ | | --- | | | 6944318 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/10/31 | 20:31:16.83 | 1.58 | 0.41 | 47.6868 | 16.0500 | 6.4 | 4.9 | 72 | 7.2 | 26.7 | 9 | 6 | 134 | 0.17 | 1.40 | ke | BUD | 17003344 | BUD | | | 246 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 0.8 | 0.7 | 3 BUD | 17003344 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| RONA | 0.17 | 85.5 | Pg | 20:31:20.759 | 0.1 | | | | | T__ | | 37.3 | | --- | ML | 0.3 | 6944470 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.17 | 85.5 | Lg | 20:31:23.176 | -0.1 | | | | | T__ | | | | --- | | 6944471 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.27 | 332.4 | Pg | 20:31:22.946 | 0.4 | | | | | T__ | | 54.5 | | --- | ML | 0.8 | 6944474 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.27 | 332.4 | Lg | 20:31:26.245 | -0.3 | | | | | T__ | | | | --- | | 6944475 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.56 | 219.5 | Pg | 20:31:27.856 | 0.0 | | | | | T__ | | 41.5 | | --- | ML | 1.4 | 6944476 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.56 | 219.5 | Lg | 20:31:34.953 | -0.1 | | | | | T__ | | | | --- | | 6944472 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.73 | 338.8 | Lg | 20:31:40.363 | -0.6 | | | | | T__ | | | | --- | | 6944473 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| MODS | 1.07 | 49.7 | Sn | 20:31:53.598 | 0.4 | | | | | T__ | | | | --- | | 6944477 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.40 | 9.4 | Sn | 20:32:01.002 | 0.3 | | | | | T__ | | | | --- | | 6944478 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
| 2021/11/01 | 09:05:24.96 | 1.42 | 0.99 | 46.1187 | 22.8709 | 10.0 | 6.1 | 53 | 0.0f | | 9 | 6 | 145 | 0.24 | 1.01 | sx | BUD | 17003348 | BUD | | | | | 216 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.8 | 0.2 | 3 BUD | 17003348 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| DEV | 0.24 | 174.5 | Pg | 09:05:29.865 | 0.4 | | | | | T__ | | 944.2 | | --- | ML | 1.9 | 6944585 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.24 | 174.5 | Lg | 09:05:32.108 | -0.7 | | | | | T__ | | | | --- | | 6944584 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.9 magdef=1
DRGR 0.68 350.7 Lg 09:05:49.002 -0.8 T__
GZR 0.73 185.2 Pg 09:05:39.437 0.5 T__ 72.3 --- ML 1.8 6944583 FDSN RO -- BUD iLoc HHN ??? _
GZR 0.73 185.2 Lg 09:05:48.437 -0.8 T__ --- 6944586 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
SIRR 0.85 280.5 Lg 09:05:53.640 -1.1 T__
LOT 0.92 136.5 Lg 09:05:55.306 -0.7 T__
BZS 1.01 240.6 Pg 09:05:45.545 0.9 T__ 33.8 --- ML 1.6 6944591 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.01 240.6 Lg 09:05:57.785 -1.0 T__ --- 6944590 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/01 09:56:33.79 3.34 1.54 46.8622 22.7409 38.0 18.8 107 0.0f 6 4 187 0.07 1.76 sx BUD 17003350 BUD 316

```

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Magnitude Err Nsta Author OrigID

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.07 196.2 Pg 09:56:35.695 0.0 T__ 135.5 --- ML 0.6 6944612 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.07 196.2 Lg 09:56:37.394 -0.0 T__ --- 6944615 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
GZR 1.47 179.0 Pg 09:57:01.843 0.2 T__ 56.5 --- ML 2.1 6944613 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.47 179.0 Sn 09:57:20.397 -1.4 T__ --- 6944616 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
LOT 1.58 152.8 Sn 09:57:22.903 -2.2 T__
ABAH 1.76 325.2 Sn 09:57:27.718 -0.5 T__ --- 6944617 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/01 10:53:42.19 1.03 1.21 46.0438 22.8036 7.4 4.1 55 0.0f 10 6 135 0.17 0.93 sx BUD 17003352 BUD 204

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.0 5 BUD 17003352

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.17 156.5 Pg 10:53:45.804 0.3 T__ 515.7 --- ML 1.5 6944643 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.17 156.5 Lg 10:53:48.009 0.0 T__ --- 6944644 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
GZR 0.65 181.7 Pg 10:53:55.045 0.4 T__ 53.5 --- ML 1.6 6944645 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.65 181.7 Lg 10:54:03.048 -0.9 T__ --- 6944646 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 0.75 355.1 Pg 10:53:57.297 -0.0 T__ 55.2 --- ML 1.7 6944652 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
SIRR 0.83 286.1 Pg 10:53:59.805 0.8 T__ 41.0 --- ML 1.6 6944651 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.83 286.1 Lg 10:54:10.605 -0.5 T__ --- 6944650 FDSN RO -- BUD iLoc HHN ??? _

```



```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
LOT 0.90 131.0 Pg 10:54:00.439 1.0 T__ 55.0 ___ ML 1.7 6944648 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 0.90 131.0 Lg 10:54:10.242 -2.4 T__ ___ 6944647 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
BZS 0.93 243.2 Lg 10:54:12.241 -1.3 T__ ___ 6944649 FDSN RO -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/01 | 13:28:52.92 | 4.45 | 0.14 | 46.7660 | 22.5846 | 56.0 | 25.6 | 145 | 0.0f | 4 | 3 | 259 | 0.09 | 1.55 | sx | BUD | 17003354 | BUD | | | | 333 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| DRGR | 0.09 | 73.5 | Pg | 13:28:55.150 | -0.0 | | | | | T__ | | 124.2 | | ___ | ML | 0.6 6944687 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| DRGR | 0.09 | 73.5 | Lg | 13:28:57.156 | 0.0 | | | | | T__ | | | | ___ | | 6944689 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.38 | 174.4 | Sn | 13:29:38.730 | 0.1 | | | | | T__ | | | | ___ | | 6944688 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| LOT | 1.55 | 147.6 | Sn | 13:29:43.300 | -0.1 | | | | | T__ | | | | ___ | | 6944690 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/11/02 | 08:35:03.67 | 1.25 | 1.14 | 48.0508 | 20.6737 | 7.6 | 4.4 | 166 | 0.0f | 10 | 6 | 195 | 0.12 | 0.57 | kx | BUD | 17003358 | BUD | | | | 263 |
| 2021/11/02 | 08:35:03.87 | 0.93 | 1.18 | 48.0750 | 20.6990f | | | | 0.0f | 10 | 6 | 192 | 0.13 | 0.59 | kx | BUD_GT | 17003359 | BUD_GT | | | | 265 |

(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.4 0.2 4 BUD_GT 17003359

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| HU02A | 0.13 | 292.1 | Pg | 08:35:07.364 | 0.3 | | | | | T__ | | 755.4 | | _c_ | ML | 1.5 6944875 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| HU02A | 0.13 | 292.1 | Lg | 08:35:08.742 | -1.0 | | | | | T__ | | | | ___ | | 6944877 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.42 | 58.4 | Pg | 08:35:13.711 | 1.1 | | | | | T__ | | 67.9 | | ___ | ML | 1.3 6944880 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| ABAH | 0.42 | 58.4 | Lg | 08:35:18.827 | -1.2 | | | | | T__ | | | | ___ | | 6944878 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.43 | 340.8 | Pg | 08:35:13.669 | 1.0 | | | | | T__ | | 101.7 | | ___ | ML | 1.5 6944879 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | | |
| KECS | 0.43 | 340.8 | Lg | 08:35:19.097 | -0.4 | | | | | T__ | | | | ___ | | 6944881 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.43 | 345.9 | Pg | 08:35:13.504 | 0.8 | | | | | T__ | | 48.0 | | ___ | ML | 1.2 6944876 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| JOS | 0.43 | 345.9 | Lg | 08:35:19.271 | -0.2 | | | | | T__ | | | | ___ | | 6944882 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.56 | 254.1 | Lg | 08:35:22.846 | -2.1 | | | | | T__ | | | | ___ | | 6944883 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| ET1H | 0.59 | 250.9 | Lg | 08:35:23.851 | -1.6 | | | | | T__ | | | | ___ | | 6944884 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/02 | 09:13:57.12 | 4.26 | 0.55 | 46.8505 | 22.8173 | 48.6 | 17.2 | 160 | 0.0f | 7 | 4 | 280 | 0.09 | 1.55 | sx | BUD | 17003362 | BUD | | | | 306 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.1 | 3 BUD | 17003362 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.09 | 231.1 | Pg | 09:13:59.393 | -0.0 | | | | | T__ | | 293.9 | | _c_ | ML | 1.0 | 6944961 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.09 | 231.1 | Lg | 09:14:01.495 | 0.1 | | | | | T__ | | | | --- | | 6944963 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.99 | 234.3 | Lg | 09:14:30.766 | -0.4 | | | | | T__ | | | | --- | | 6944964 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.46 | 181.1 | Pn | 09:14:24.784 | 0.6 | | | | | T__ | | 49.1 | | --- | ML | 2.0 | 6944966 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.46 | 181.1 | Sn | 09:14:44.446 | -0.4 | | | | | T__ | | | | --- | | 6944965 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.55 | 154.4 | Pn | 09:14:25.646 | -0.1 | | | | | T__ | | 39.1 | | --- | ML | 2.0 | 6944962 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.55 | 154.4 | Sn | 09:14:46.938 | -0.7 | | | | | T__ | | | | --- | | 6944967 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/02 | 09:26:41.20 | 1.30 | 1.11 | 48.5445 | 20.8075 | 7.1 | 5.4 | 40 | 0.0f | 13 | 8 | 151 | 0.18 | 1.31 | sx | BUD | 17003364 | BUD | | | | 224 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.2 | 5 BUD | 17003364 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.18 | 254.8 | Pg | 09:26:45.784 | 0.7 | | | | | T__ | | 272.6 | | _c_ | ML | 1.2 | 6944998 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.18 | 254.8 | Lg | 09:26:48.114 | -0.1 | | | | | T__ | | | | --- | | 6945001 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 254.1 | Pg | 09:26:46.305 | 0.4 | | | | | T__ | | 835.6 | | --- | ML | 1.8 | 6944999 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.22 | 254.1 | Lg | 09:26:49.242 | -0.3 | | | | | T__ | | | | --- | | 6945002 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.38 | 130.7 | Lg | 09:26:55.088 | -0.6 | | | | | T__ | | | | --- | | 6945003 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.46 | 204.1 | Pg | 09:26:51.873 | 0.8 | | | | | T__ | | 43.9 | | --- | ML | 1.2 | 6945000 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 204.1 | Lg | 09:26:58.059 | -0.5 | | | | | T__ | | | | --- | | 6945004 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.87 | 224.6 | Lg | 09:27:10.810 | -2.0 | | | | | T__ | | | | --- | | 6945005 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.91 | 223.6 | Pn | 09:26:59.571 | -0.6 | | | | | T__ | | 39.8 | | --- | ML | 1.6 | 6945008 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.91 | 223.6 | Lg | 09:27:12.586 | -1.1 | | | | | T__ | | | | --- | | 6945007 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.94 | 339.3 | Lg | 09:27:11.193 | -1.0 | | | | | T__ | | | | --- | | 6945006 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| VYHS | 1.31 | 268.5 | Pn | 09:27:06.214 | 0.3 | | | | | T__ | | 15.2 | | --- | ML | 1.4 | 6945010 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.31 | 268.5 | Sn | 09:27:23.632 | -1.9 | | | | | T__ | | | | --- | | 6945009 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 1.4 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/02 | 11:00:41.18 | 1.28 | 0.72 | 47.8164 | 19.1311 | 13.5 | 3.7 | 8 | 0.0f | | 6 | 4 | 208 | 0.08 | 0.71 | sx | BUD | 17003366 | BUD | | | 261 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.08 | 290.8 | Pg | 11:00:43.611 | 0.3 | | | | | T__ | | 283.1 | | ___ | ML | 1.0 | 6945035 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.08 | 290.8 | Lg | 11:00:44.661 | -0.7 | | | | | T__ | | | | --- | | 6945039 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.50 | 82.6 | Pg | 11:00:52.337 | 0.3 | | | | | T__ | | 36.6 | | ___ | ML | 1.3 | 6945040 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.50 | 82.6 | Lg | 11:00:59.804 | -0.0 | | | | | T__ | | | | --- | | 6945037 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.52 | 78.5 | Lg | 11:01:00.054 | -1.0 | | | | | T__ | | | | --- | | 6945038 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 0.71 | 343.9 | Lg | 11:01:06.075 | -0.0 | | | | | T__ | | | | --- | | 6945036 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/02 | 11:41:51.82 | 0.98 | 0.67 | 47.8598 | 19.1362 | 55.8 | 3.4 | 171 | 0.0f | | 10 | 6 | 172 | 0.08 | 1.13 | sx | BUD | 17003368 | BUD | | | 327 |

Magnitude Err Nsta Author OrigID
ML 1.5 0.3 4 BUD 17003368

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.08 | 259.6 | Pg | 11:41:54.223 | 0.3 | | | | | T__ | | 731.6 | | ___ | ML | 1.4 | 6945117 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.08 | 259.6 | Lg | 11:41:55.165 | -0.8 | | | | | T__ | | | | --- | | 6945118 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.50 | 87.5 | Lg | 11:42:10.473 | 0.3 | | | | | T__ | | | | --- | | 6945121 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.51 | 83.2 | Pg | 11:42:02.862 | -0.2 | | | | | T__ | | 40.3 | | ___ | ML | 1.3 | 6945123 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.51 | 83.2 | Lg | 11:42:11.273 | -0.0 | | | | | T__ | | | | --- | | 6945122 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.97 | 73.8 | Pn | 11:42:11.724 | 0.0 | | | | | T__ | | 43.2 | | ___ | ML | 1.7 | 6945119 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.97 | 73.8 | Sn | 11:42:26.199 | -1.4 | | | | | T__ | | | | --- | | 6945124 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.10 | 54.9 | Sn | 11:42:30.999 | 0.6 | | | | | T__ | | | | --- | | 6945125 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 1.13 | 55.4 | Pn | 11:42:14.334 | 0.5 | | | | | T__ | | 42.6 | | ___ | ML | 1.8 | 6945120 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.13 | 55.4 | Sn | 11:42:31.310 | 0.0 | | | | | T__ | | | | --- | | 6945126 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/02 | 12:02:57.43 | 1.02 | 0.69 | 47.9072 | 20.2060 | 7.5 | 3.8 | 157 | 0.0f | | 7 | 4 | 131 | 0.21 | 0.30 | sx | BUD | 17003370 | BUD | | | 260 |

Magnitude Err Nsta Author OrigID

ML 0.7 0.1 3 BUD 17003370

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.21 | 273.2 | Pg | 12:03:02.625 | 0.2 | | | | | T__ | | 101.8 | | _c_ | ML | 0.9 | 6945172 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.21 | 273.2 | Lg | 12:03:05.493 | -1.0 | | | | | T__ | | | | --- | | 6945176 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.23 | 263.0 | Pg | 12:03:03.208 | 0.6 | | | | | T__ | | 52.3 | | --- | ML | 0.6 | 6945171 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.23 | 263.0 | Lg | 12:03:06.502 | -0.1 | | | | | T__ | | | | --- | | 6945177 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.27 | 173.7 | Lg | 12:03:07.693 | -0.6 | | | | | T__ | | | | --- | | 6945175 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| HU02A | 0.30 | 44.7 | Pg | 12:03:04.452 | 0.3 | | | | | T__ | | 39.8 | | --- | ML | 0.7 | 6945173 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.30 | 44.7 | Lg | 12:03:09.154 | -0.4 | | | | | T__ | | | | --- | | 6945174 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/02 | 13:20:19.30 | 0.98 | 0.99 | 47.8900 | 16.0361 | 7.9 | 3.9 | 28 | 0.0f | | 7 | 4 | 150 | 0.12 | 1.20 | sx | BUD | 17003372 | BUD | | | 234 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.8 | 0.2 | 3 BUD | 17003372 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.12 | 288.1 | Pg | 13:20:21.948 | -0.1 | | | | | T__ | | 150.2 | | --- | ML | 0.8 | 6945234 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.12 | 288.1 | Lg | 13:20:24.141 | 0.1 | | | | | T__ | | | | --- | | 6945235 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.26 | 137.2 | Pg | 13:20:25.009 | 0.3 | | | | | T__ | | 49.1 | | --- | ML | 0.7 | 6945236 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.26 | 137.2 | Lg | 13:20:28.110 | -0.4 | | | | | T__ | | | | --- | | 6945238 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.96 | 59.3 | Lg | 13:20:53.006 | -0.6 | | | | | T__ | | | | --- | | 6945239 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| KRUC | 1.20 | 11.4 | Pg | 13:20:43.264 | 1.0 | | | | | T__ | | 44.2 | | --- | ML | 1.8 | 6945240 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.20 | 11.4 | Sn | 13:20:58.213 | -1.5 | | | | | T__ | | | | --- | | 6945237 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/02 | 14:46:50.62 | 1.40 | 1.54 | 48.8871 | 21.1162 | 9.3 | 7.7 | 131 | 0.0f | | 10 | 6 | 131 | 0.55 | 1.27 | sx | BUD | 17003376 | BUD | | | 252 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 4 BUD | 17003376 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.55 | 224.5 | Pg | 14:47:02.658 | 1.1 | | | | | T__ | | 40.3 | | --- | ML | 1.4 | 6945359 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.55 | 224.5 | Lg | 14:47:10.217 | 0.4 | | | | | T__ | | | | --- | | 6945358 | FDSN | ZJ | -- | BUD | iLoc | HHZ | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.58 | 226.2 | Pg | 14:47:03.168 | 0.9 | | | | | T__ | | 81.7 | | --- | ML | 1.7 | 6945360 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |

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KECS  0.58 226.2 Lg      14:47:09.774 -1.2      T__          ---          6945354      FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
NIE   0.76 315.1 Lg      14:47:14.371 -1.3      T__          ---          6945355      FDSN PL      -- BUD  iLoc  BHN ??? _
KOLS  0.76  86.1 Lg      14:47:17.498 -0.1      T__          ---          6945361      FDSN SK      -- BUD  iLoc  HHN ??? _
HU02A 0.86 207.4 Pg      14:47:07.989 -0.3      T__          35.9         --- ML      1.5 6945353      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 0.86 207.4 Lg      14:47:19.023 -2.5      T__          ---          6945356      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
PSZ   1.27 220.5 Pn      14:47:14.661 -0.1      T__          59.4         --- ML      2.0 6945362      FDSN GE      -- BUD  iLoc  HHZ HHZ _
PSZ   1.27 220.5 Sn      14:47:31.706 -2.2      T__          ---          6945357      FDSN GE      -- BUD  iLoc  HHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/11/03 09:11:21.76  0.91  1.19 48.7336  18.7293  5.6  3.3 35  0.0f      19  12 139  0.25  1.34  sx  BUD      17003382  BUD          179

```

```

Magnitude Err Nsta Author      OrigID
ML      1.8 0.0   7 BUD      17003382

```

```

Sta  Dist EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
VYHS 0.25 163.5 Pg      09:11:28.137  1.1      T__          102.8         --- ML      1.0 6945624      FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS 0.25 163.5 Lg      09:11:31.681  0.7      T__          ---          6945625      FDSN SK      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.0 magdef=1
(Station ML:  1.0 magdef=0
A331A 0.53 321.4 Lg      09:11:40.592  0.8      T__          ---          6945626      FDSN Z3      00 BUD  iLoc  HHN ??? _
JAVC 0.71 280.6 Pg      09:11:36.850  0.5      T__          86.8         --- ML      1.8 6945627      FDSN CZ      -- BUD  iLoc  HHZ HHZ _
JAVC 0.71 280.6 Lg      09:11:46.696 -0.8      T__          ---          6945636      FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
A338A 0.76 199.4 Lg      09:11:48.912 -0.5      T__          ---          6945637      FDSN Z3      00 BUD  iLoc  HH2 ??? _
SRO   0.96 196.9 Lg      09:11:55.626 -0.7      T__          ---          6945638      FDSN SK      -- BUD  iLoc  EHN ??? _
HU03A 1.01 144.7 Lg      09:11:55.993 -1.5      T__          ---          6945628      FDSN ZJ      00 BUD  iLoc  HHN ??? _
MODS  1.03 250.1 Pg      09:11:41.929 -0.6      T__          ---          6945640      FDSN SK      -- BUD  iLoc  HHZ ??? _
MODS  1.03 250.1 Lg      09:11:57.507 -0.6      T__          ---          6945639      FDSN SK      -- BUD  iLoc  HHN ??? _
PSZ   1.13 135.9 Pn      09:11:44.452  0.3      T__          54.9         --- ML      1.9 6945630      FDSN GE      -- BUD  iLoc  HHZ HHZ _
PSZ   1.13 135.9 Sn      09:11:59.184 -2.6      T__          ---          6945629      FDSN GE      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
ET1H  1.15 137.9 Pn      09:11:44.566  0.4      T__          39.3         --- ML      1.7 6945631      FDSN HU      -- BUD  iLoc  HHZ HHZ _
ET1H  1.15 137.9 Sn      09:11:59.991 -1.8      T__          ---          6945641      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
KECS  1.19 101.5 Pn      09:11:45.134  0.3      T__          82.9         --- ML      2.1 6945632      FDSN SK      -- BUD  iLoc  EHZ EHZ _
KECS  1.19 101.5 Lg      09:12:00.797 -1.4      T__          ---          6945642      FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=0
JOS   1.22 100.5 Pn      09:11:45.446  0.2      T__          43.9         --- ML      1.8 6945634      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   1.22 100.5 Lg      09:12:01.452 -1.8      T__          ---          6945633      FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
HU02A 1.34 116.4 Pn      09:11:47.258  0.2      T__          35.5         --- ML      1.8 6945635      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _

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(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/11/03 | 09:26:10.56 | 0.90 | 2.10 | 47.5428 | 18.7604 | 5.8 | 2.8 | 151 | 0.0f | | 13 | 10 | 129 | 0.19 | 0.95 | kx | BUD | 17003384 | BUD | | | 171 |
| 2021/11/03 | 09:26:09.63 | 0.82 | 0.95 | 47.5380 | 18.6920f | | | | 0.0f | | 13 | 10 | 130 | 0.23 | 0.96 | kx | BUD_GT | 17003385 | BUD_GT | | | 167 |

(locality : Mány Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.5 | 0.3 | 3 BUD_GT | 17003385 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| BUD | 0.23 | 103.5 | Lg | 09:26:18.617 | -0.7 | | | | | T__ | | | | | | 6945722 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU09A | 0.23 | 295.8 | Lg | 09:26:19.356 | 0.1 | | | | | T__ | | | | | | 6945717 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MSW1 | 0.33 | 243.9 | Lg | 09:26:22.938 | 0.3 | | | | | T__ | | | | | | 6945723 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| CSKK | 0.34 | 239.3 | Pn | 09:26:21.464 | -0.4 | | | | | T__ | | 164.4 | | | | 6945714 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.34 | 239.3 | Lg | 09:26:22.141 | -1.0 | | | | | T__ | | | | | | 6945718 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.38 | 35.6 | Pg | 09:26:19.324 | 1.6 | | | | | T__ | | 87.3 | | | | 6945724 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.38 | 35.6 | Lg | 09:26:24.317 | 0.1 | | | | | T__ | | | | | | 6945719 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.40 | 234.4 | Lg | 09:26:24.981 | -0.2 | | | | | T__ | | | | | | 6945725 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MSW3 | 0.41 | 248.2 | Lg | 09:26:26.081 | 0.6 | | | | | T__ | | | | | | 6945726 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| ET1H | 0.87 | 66.4 | Pg | 09:26:26.632 | -1.3 | | | | | T__ | | 51.9 | | | | 6945716 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.87 | 66.4 | Lg | 09:26:38.983 | -1.9 | | | | | T__ | | | | | | 6945715 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.90 | 64.4 | Lg | 09:26:41.199 | -1.1 | | | | | T__ | | | | | | 6945720 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 0.96 | 5.7 | Lg | 09:26:43.506 | 0.2 | | | | | T__ | | | | | | 6945721 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/03 | 09:53:22.80 | 0.94 | 1.36 | 47.1026 | 17.8782 | 6.1 | 4.0 | 51 | 0.0f | | 9 | 7 | 109 | 0.20 | 1.03 | sx | BUD | 17003386 | BUD | | | 188 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.5 | 3 BUD | 17003386 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| TIH | 0.20 | 177.1 | Pg | 09:53:28.345 | 0.9 | | | | | T__ | | 2449.0 | | | | 6945786 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.24 | 286.4 | Pg | 09:53:28.959 | 0.7 | | | | | T__ | | 270.6 | | | | 6945790 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.24 | 286.4 | Lg | 09:53:31.199 | -1.4 | | | | | T__ | | | | | | 6945791 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.33 | 5.4 | Lg | 09:53:35.311 | -0.5 | | | | | T__ | | | | | | 6945792 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| CSKK | 0.37 | 44.9 | Lg | 09:53:36.865 | -0.5 | | | | | T__ | | | | | | 6945793 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| A267A | 0.44 | 110.5 | Lg | 09:53:38.830 | -0.7 | | | | | T__ | | | | | | 6945794 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |

```

KOVH 1.03 171.4 Lg 09:53:57.406 -1.0 T__
MORH 1.03 149.0 Pn 09:53:43.205 -0.0 T__ 44.5 --- ML 1.7 6945788 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.03 149.0 Lg 09:53:56.110 -2.4 T__ --- 6945787 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/03 10:26:17.10 1.73 1.22 47.2135 18.3235 10.5 5.1 135 0.0f 11 8 151 0.12 1.33 kx BUD 17003388 BUD 229
2021/11/03 10:26:17.69 0.91 1.03 47.2302 18.2835f 0.0f 11 8 147 0.09 1.32 kx BUD_GT 17003389 BUD_GT 224
(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.3 3 BUD_GT 17003389

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.09 325.6 Pg 10:26:21.165 1.1 T__ 537.6 --- ML 1.3 6945858 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 325.6 Lg 10:26:22.111 -0.4 T__ --- 6945859 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CSKK 0.13 353.3 Pg 10:26:21.677 0.7 T__ 233.1 --- ML 1.0 6945850 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.13 353.3 Lg 10:26:23.533 -0.6 T__ --- 6945855 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.16 354.2 Lg 10:26:24.825 -0.3 T__ --- 6945860 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.32 309.6 Lg 10:26:29.333 -0.9 T__ --- 6945854 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.51 263.5 Pg 10:26:28.728 0.4 T__ 63.5 --- ML 1.5 6945852 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.51 263.5 Lg 10:26:35.471 -0.9 T__ --- 6945851 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU10A 0.79 38.7 Lg 10:26:44.622 -2.3 T__ --- 6945853 FDSN ZJ 00 BUD iLoc HHN ??? _
KOVH 1.15 186.4 Sn 10:26:55.907 -1.2 T__ --- 6945856 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.32 16.2 Lg 10:27:03.369 -0.1 T__ --- 6945857 FDSN SK -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/03 11:23:54.36 1.24 1.25 48.5362 20.8071 8.6 3.7 7 0.0f 15 9 158 0.18 1.31 sx BUD 17003390 BUD 220

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.3 6 BUD 17003390

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 257.3 Pg 11:23:58.850 0.6 T__ 246.3 --- ML 1.2 6945914 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 257.3 Lg 11:24:01.259 0.0 T__ --- 6945916 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.22 256.2 Pg 11:23:59.333 0.4 T__ 685.7 --- ML 1.7 6945915 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.22 256.2 Lg 11:24:02.573 0.0 T__ --- 6945917 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ABAH 0.38 129.7 Pg 11:24:02.822 0.7 T__ 74.0 --- ML 1.2 6945919 FDSN HU -- BUD iLoc HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| ABAH | 0.38 | 129.7 | Lg | 11:24:07.862 | -0.9 | T__ | --- | 6945918 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.46 | 204.5 | Pg | 11:24:04.987 | 1.0 | T__ | 34.5 | --- | ML | 1.1 | 6945921 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 204.5 | Lg | 11:24:10.858 | -0.6 | T__ | --- | --- | --- | 6945920 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.87 | 225.0 | Pn | 11:24:12.452 | -0.4 | T__ | 53.5 | --- | ML | 1.7 | 6945923 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.87 | 225.0 | Lg | 11:24:24.346 | -1.4 | T__ | --- | --- | --- | 6945922 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.91 | 223.9 | Pn | 11:24:12.990 | -0.2 | T__ | 42.1 | --- | ML | 1.6 | 6945924 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.91 | 223.9 | Lg | 11:24:25.729 | -0.9 | T__ | --- | --- | --- | 6945925 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU03A | 1.03 | 232.4 | Lg | 11:24:29.256 | -1.4 | T__ | --- | --- | --- | 6945927 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 1.05 | 67.2 | Lg | 11:24:28.528 | -2.1 | T__ | --- | --- | --- | 6945926 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 1.31 | 268.9 | Sn | 11:24:36.140 | -2.5 | T__ | --- | --- | --- | 6945928 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/03 | 12:00:48.99 | 1.16 | 0.94 | 46.9540 | 17.3813 | 10.1 | 4.2 | 149 | 0.0f | | 8 | 5 | 117 | 0.16 | 1.14 | sx | BUD | 17003392 | BUD | | | 220 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.8 | 3 BUD | 17003392 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.16 | 269.3 | Pg | 12:00:53.489 | 0.7 | | | | | T__ | | 1450.3 | | --- | ML | 1.9 | 6945985 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.16 | 269.3 | Lg | 12:00:54.887 | -1.0 | | | | | T__ | | | | --- | --- | 6945986 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.24 | 26.5 | Pg | 12:00:55.177 | 0.7 | | | | | T__ | | 189.6 | | --- | ML | 1.2 | 6945984 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.24 | 26.5 | Lg | 12:00:57.510 | -1.4 | | | | | T__ | | | | --- | --- | 6945987 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A262A | 0.59 | 261.6 | Pg | 12:01:01.011 | 0.0 | | | | | T__ | | 412.4 | | --- | ML | 2.4 | 6945989 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.59 | 261.6 | Lg | 12:01:09.041 | -0.1 | | | | | T__ | | | | --- | --- | 6945988 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.00 | 149.9 | Lg | 12:01:22.504 | -0.8 | | | | | T__ | | | | --- | --- | 6945990 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.14 | 129.9 | Sn | 12:01:27.776 | -0.1 | | | | | T__ | | | | --- | --- | 6945991 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/03 | 14:26:00.12 | 3.01 | 1.54 | 45.6097 | 17.6040 | 34.6 | 6.8 | 162 | 0.0f | | 7 | 4 | 229 | 0.59 | 1.52 | sx | BUD | 17003396 | BUD | | | 243 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 3 BUD | 17003396 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.59 | 35.7 | Pg | 14:26:13.341 | 0.9 | | | | | T__ | | 46.0 | | --- | ML | 1.5 | 6946090 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.59 | 35.7 | Lg | 14:26:19.927 | -1.2 | | | | | T__ | | | | --- | --- | 6946094 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |


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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.95 49.8 Pg 14:26:19.263 0.1 T__ 38.5 ___ ML 1.6 6946089 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.95 49.8 Lg 14:26:32.119 -1.3 T__ ___ 6946091 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PTJ 1.18 285.1 Pg 14:26:23.133 -0.4 T__ 88.9 ___ ML 2.1 6946095 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 1.18 285.1 Lg 14:26:40.762 0.6 T__ ___ 6946092 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CRES 1.52 278.9 Sn 14:26:50.837 2.3 T__ ___ 6946093 FDSN SL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/03 14:40:51.19 0.95 0.60 47.8768 16.0827 5.7 4.0 31 0.0f 10 6 83 0.16 1.51 sx BUD 17003398 BUD 153

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.5 4 BUD 17003398

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.16 289.2 Pg 14:40:54.965 0.4 T__ 218.9 ___ ML 1.1 6946123 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.16 289.2 Lg 14:40:56.474 -0.5 T__ ___ 6946125 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
RONA 0.23 140.8 Pg 14:40:56.502 0.5 T__ 101.5 ___ ML 0.9 6946124 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.23 140.8 Lg 14:40:59.167 -0.3 T__ ___ 6946126 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
ARSA 0.73 211.4 Pg 14:41:05.121 -0.3 T__ 67.0 ___ ML 1.7 6946128 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.73 211.4 Lg 14:41:14.259 -0.3 T__ ___ 6946127 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 0.94 57.7 Lg 14:41:23.896 -1.0 T__ ___ 6946129 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.20 9.8 Pg 14:41:15.091 0.8 T__ 37.7 ___ ML 1.7 6946131 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.20 9.8 Sn 14:41:31.540 -0.2 T__ ___ 6946130 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CKRC 1.51 309.2 Sn 14:41:39.467 -0.2 T__ ___ 6946132 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/03 15:18:34.20 1.32 1.16 47.5490 18.4001 15.2 3.0 103 0.0f 7 5 189 0.09 0.99 kx BUD 17003400 BUD 220
2021/11/03 15:18:33.89 0.95 1.10 47.5600 18.4573f 0.0f 7 5 199 0.09 0.97 kx BUD_GT 17003401 BUD_GT 235

```

```

(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU09A 0.09 327.2 Pg 15:18:37.312 1.0 T__ 858.0 ___ ML 1.5 6946190 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.09 327.2 Lg 15:18:38.455 -0.2 T__ ___ 6946191 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1

```

```

(Station ML: 1.5 magdef=1
CSKK 0.24 214.2 Pg 15:18:39.586 0.4 T__ 107.7 ___ ML 1.0 6946195 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.24 214.2 Lg 15:18:41.988 -1.8 T__ ___ 6946192 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
SR0 0.27 339.1 Lg 15:18:44.185 -0.6 T__ ___ 6946193 FDSN SK -- BUD iLoc EHN ??? _
MPLH 0.74 238.3 Lg 15:18:58.309 -1.5 T__ ___ 6946194 FDSN HU -- BUD iLoc HHN ??? _
VYHS 0.97 15.1 Lg 15:19:07.485 -0.3 T__ ___ 6946189 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/04 07:07:24.03 2.04 1.23 47.9307 20.3934 18.4 5.1 150 0.0f 7 5 204 0.21 0.67 kx BUD 17003402 BUD 237
2021/11/04 07:07:24.75 0.98 1.13 47.9767 20.3679f 0.0f 7 5 192 0.18 0.67 kx BUD_GT 17003403 BUD_GT 218
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.18 35.8 Pg 07:07:29.476 0.5 T__ 141.8 ___ ML 1.0 6946251 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.18 35.8 Lg 07:07:32.438 -0.1 T__ ___ 6946254 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ 0.32 259.8 Lg 07:07:36.066 -1.6 T__ ___ 6946256 FDSN GE -- BUD iLoc HHZ ??? _
ET1H 0.35 253.9 Lg 07:07:37.632 -0.4 T__ ___ 6946257 FDSN HU -- BUD iLoc HHN ??? _
JOS 0.53 12.4 Pg 07:07:36.296 0.8 T__ 32.9 ___ ML 1.3 6946252 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 12.4 Lg 07:07:43.632 -0.1 T__ ___ 6946255 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH 0.67 61.0 Lg 07:07:47.352 -2.0 T__ ___ 6946253 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/04 08:41:27.71 2.91 1.12 48.3884 21.2789 21.0 5.3 60 0.0f 12 7 273 0.10 1.63 sx BUD 17003404 BUD 319

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 17003404

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.10 195.8 Pg 08:41:30.187 0.0 T__ 414.3 ___ ML 1.2 6946314 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.10 195.8 Lg 08:41:32.562 0.1 T__ ___ 6946316 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
JOS 0.50 282.6 Pg 08:41:37.937 0.1 T__ 40.1 ___ ML 1.3 6946315 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.50 282.6 Lg 08:41:47.301 1.7 T__ ___ 6946325 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.54 280.5 Pg 08:41:37.781 -0.7 T__ 84.2 ___ ML 1.7 6946318 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.54 280.5 Lg 08:41:47.156 0.4 T__ ___ 6946317 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.57 242.4 Lg 08:41:48.064 -0.7 T__ ___ 6946319 FDSN ZJ 00 BUD iLoc HHE ??? _

```

```

PSZ 1.04 243.6 Pn 08:41:48.137 -0.5 T__ 64.3 --- ML 1.9 6946323 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.04 243.6 Sn 08:42:03.060 -2.3 T__ --- 6946320 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
ET1H 1.07 242.1 Pn 08:41:48.518 -0.3 T__ 53.7 --- ML 1.8 6946322 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.07 242.1 Sn 08:42:04.956 -0.7 T__ --- 6946321 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 1.63 274.6 Sn 08:42:20.626 0.9 T__ --- 6946324 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/04 09:31:18.50 1.08 0.83 47.6249 16.3113 6.4 4.3 141 0.0f 10 6 164 0.08 1.44 sx BUD 17003406 BUD 244

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.0 3 BUD 17003406

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.08 352.3 Pg 09:31:20.781 0.4 T__ 1859.2 _c_ ML 1.8 6946375 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.08 352.3 Lg 09:31:21.786 -0.1 T__ --- 6946377 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
SOP 0.18 70.6 Lg 09:31:25.335 0.1 T__ --- 6946378 FDSN HU -- BUD iLoc HHE ??? _
CONA 0.43 315.2 Pg 09:31:27.250 0.1 T__ 76.8 --- ML 1.4 6946373 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.43 315.2 Lg 09:31:32.843 -0.1 T__ --- 6946374 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ARSA 0.65 235.3 Pg 09:31:31.132 -0.0 T__ 78.5 --- ML 1.8 6946376 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.65 235.3 Lg 09:31:39.203 -0.2 T__ --- 6946379 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 0.99 40.5 Pg 09:31:39.547 0.9 T__ --- 6946381 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.99 40.5 Lg 09:31:51.984 -1.9 T__ --- 6946380 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.44 2.2 Sn 09:32:05.177 0.3 T__ --- 6946382 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/04 10:02:43.29 0.85 1.10 48.4883 19.3670 4.6 3.0 30 0.0f 18 10 106 0.35 1.18 sx BUD 17003408 BUD 137

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 8 BUD 17003408

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.35 271.1 Pg 10:02:50.758 0.1 T__ 25.5 --- ML 0.7 6946426 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.35 271.1 Lg 10:02:55.628 -0.4 T__ --- 6946432 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
HU03A 0.61 165.0 Lg 10:03:05.202 0.1 T__ --- 6946427 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.67 148.1 Pg 10:02:58.389 0.8 T__ 62.7 --- ML 1.7 6946423 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.67 148.1 Lg 10:03:06.977 -0.9 T__ --- 6946433 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ET1H | 0.70 | 150.8 | Pg | 10:02:59.012 | 1.0 | T__ | 34.8 | --- | ML | 1.4 | 6946428 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.70 | 150.8 | Lg | 10:03:07.390 | -1.0 | T__ | | --- | | | 6946424 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.74 | 90.0 | Pg | 10:02:58.643 | 0.5 | T__ | 125.5 | --- | ML | 2.0 | 6946429 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.74 | 90.0 | Lg | 10:03:08.377 | -0.9 | T__ | | --- | | | 6946434 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JOS | 0.78 | 89.0 | Pg | 10:02:59.446 | 0.7 | T__ | 52.4 | --- | ML | 1.7 | 6946425 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.78 | 89.0 | Lg | 10:03:09.630 | -0.9 | T__ | | --- | | | 6946435 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.86 | 114.9 | Pg | 10:03:01.535 | 0.6 | T__ | 58.4 | _c_ | ML | 1.7 | 6946422 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.86 | 114.9 | Lg | 10:03:12.430 | -1.7 | T__ | | --- | | | 6946436 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A331A | 1.01 | 311.6 | Pg | 10:03:03.802 | 0.8 | T__ | 63.1 | --- | ML | 1.9 | 6946430 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A331A | 1.01 | 311.6 | Lg | 10:03:16.410 | -0.4 | T__ | | --- | | | 6946437 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 1.12 | 33.1 | Pg | 10:03:05.644 | 1.3 | T__ | 26.0 | --- | ML | 1.5 | 6946431 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.12 | 33.1 | Lg | 10:03:19.800 | -0.8 | T__ | | --- | | | 6946438 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.18 | 288.9 | Lg | 10:03:22.748 | -2.4 | T__ | | --- | | | 6946439 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/04 | 10:22:13.86 | 0.91 | 1.30 | 48.4262 | 19.1564 | 6.0 | 3.5 | 34 | 0.0f | | 12 | 10 | 125 | 0.22 | 1.25 | sx | BUD | 17003410 | BUD | | | 150 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.22 | 287.8 | Pg | 10:22:19.911 | 1.3 | | | | | T__ | | 63.8 | | --- | ML | 0.7 | 6946526 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.22 | 287.8 | Lg | 10:22:22.168 | -0.1 | | | | | T__ | | | | --- | | 6946533 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.59 | 189.1 | Lg | 10:22:34.721 | -0.8 | | | | | T__ | | | | --- | | 6946534 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| HU03A | 0.60 | 150.3 | Lg | 10:22:35.236 | -0.3 | | | | | T__ | | | | --- | | 6946535 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| PSZ | 0.71 | 135.5 | Lg | 10:22:38.561 | -1.3 | | | | | T__ | | | | --- | | 6946536 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| ET1H | 0.73 | 138.6 | Lg | 10:22:39.170 | -0.8 | | | | | T__ | | | | --- | | 6946537 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| KECS | 0.89 | 85.8 | Lg | 10:22:44.691 | -0.1 | | | | | T__ | | | | --- | | 6946527 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.92 | 85.2 | Lg | 10:22:45.593 | -0.4 | | | | | T__ | | | | --- | | 6946529 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| A331A | 0.95 | 319.9 | Pg | 10:22:32.759 | 0.2 | | | | | T__ | | 70.1 | | --- | ML | 1.9 | 6946532 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A331A | 0.95 | 319.9 | Lg | 10:22:44.745 | -0.9 | | | | | T__ | | | | --- | | 6946528 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.08 | 294.3 | Lg | 10:22:49.248 | -2.8 | | | | | T__ | | | | --- | | 6946530 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | |
| MODS | 1.25 | 268.3 | Sn | 10:22:55.702 | -1.3 | | | | | T__ | | | | --- | | 6946531 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

2021/11/04 10:33:43.22 1.01 1.14 48.6340 21.4346 6.7 4.5 148 0.0f 15 10 104 0.36 1.73 sx BUD 17003412 BUD 167

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 5 BUD 17003412

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| ABAH | 0.36 | 201.1 | Pg | 10:33:51.562 | 0.8 | | | | | T__ | | 161.7 | | --- | ML | 1.5 6946573 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.36 | 201.1 | Lg | 10:33:55.940 | -1.1 | | | | | T__ | | | | --- | | 6946574 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.61 | 257.2 | Pg | 10:33:55.437 | 0.0 | | | | | T__ | | 84.0 | | --- | ML | 1.8 6946571 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.61 | 257.2 | Lg | 10:34:04.877 | 0.3 | | | | | T__ | | | | --- | | 6946576 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.63 | 61.3 | Pg | 10:33:55.690 | 0.3 | | | | | T__ | | | | --- | | 6946575 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KECS | 0.65 | 256.9 | Pg | 10:33:56.377 | 0.2 | | | | | T__ | | 164.1 | | --- | ML | 2.1 6946577 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.65 | 256.9 | Lg | 10:34:06.000 | 0.1 | | | | | T__ | | | | --- | | 6946570 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.79 | 230.2 | Pg | 10:33:59.437 | -0.2 | | | | | T__ | | 49.4 | | --- | ML | 1.6 6946569 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.79 | 230.2 | Lg | 10:34:10.502 | -1.4 | | | | | T__ | | | | --- | | 6946578 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.89 | 124.0 | Lg | 10:34:12.252 | -2.8 | | | | | T__ | | | | --- | | 6946579 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| NIE | 1.08 | 316.8 | Lg | 10:34:19.627 | -0.2 | | | | | T__ | | | | --- | | 6946580 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| PSZ | 1.25 | 235.7 | Pn | 10:34:07.625 | 0.5 | | | | | T__ | | 58.7 | | --- | ML | 2.0 6946572 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.25 | 235.7 | Sn | 10:34:25.127 | -1.1 | | | | | T__ | | | | --- | | 6946581 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.29 | 234.7 | Sn | 10:34:26.127 | -0.4 | | | | | T__ | | | | --- | | 6946582 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.73 | 266.3 | Sn | 10:34:39.252 | 1.3 | | | | | T__ | | | | --- | | 6946583 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/04 11:00:27.92 0.94 0.63 48.1145 16.9604 8.0 3.3 135 0.0f 11 6 162 0.13 1.02 sx BUD 17003414 BUD 178

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 3 BUD 17003414

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| ZST | 0.13 | 49.3 | Pg | 11:00:31.731 | 0.7 | | | | | T__ | | | | --- | | 6946627 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| ZST | 0.13 | 49.3 | Lg | 11:00:33.559 | -0.2 | | | | | T__ | | | | --- | | 6946629 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 0.33 | 39.1 | Pg | 11:00:35.252 | 0.0 | | | | | T__ | | | | --- | | 6946625 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.33 | 39.1 | Lg | 11:00:39.971 | -1.0 | | | | | T__ | | | | --- | | 6946626 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| SOP | 0.51 | 212.2 | Lg | 11:00:45.065 | -0.2 | | | | | T__ | | | | --- | | 6946631 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| RONA | 0.61 | 227.3 | Pg | 11:00:40.095 | -0.1 | | | | | T__ | | 94.2 | | --- | ML | 1.8 6946630 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.61 | 227.3 | Lg | 11:00:48.251 | -0.1 | | | | | T__ | | | | --- | | 6946628 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.76 | 256.2 | Pg | 11:00:43.485 | 0.5 | | | | | T__ | | 58.5 | | --- | ML | 1.7 6946632 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.76 | 256.2 | Lg | 11:00:52.496 | -0.5 | | | | | T__ | | | | --- | | 6946633 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KRUC | 1.02 | 338.6 | Pg | 11:00:48.183 | 0.7 | T__ | 40.8 | --- | ML | 1.7 | 6946634 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.02 | 338.6 | Lg | 11:01:01.807 | -0.8 | T__ | | --- | | | 6946635 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/04 | 13:15:37.48 | 4.14 | 0.51 | 46.8806 | 22.7626 | 38.7 | 23.1 | 117 | 0.0f | 6 | 4 | 308 | 0.10 | 1.49 | sx | BUD | 17003416 | BUD | | | 330 | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.10 | 201.7 | Pg | 13:15:39.791 | 0.0 | | | | | T__ | | 354.8 | | --- | ML | 1.1 | 6946657 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.10 | 201.7 | Lg | 13:15:41.861 | 0.0 | | | | | T__ | | | | --- | | 6946658 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.98 | 231.5 | Lg | 13:16:11.147 | -0.1 | | | | | T__ | | | | --- | | 6946659 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.49 | 179.6 | Pn | 13:16:05.082 | 0.1 | | | | | T__ | | 53.7 | | --- | ML | 2.1 | 6946661 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.49 | 179.6 | Sn | 13:16:25.082 | -0.8 | | | | | T__ | | | | --- | | 6946660 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.49 | 212.6 | Sn | 13:16:25.690 | 0.2 | | | | | T__ | | | | --- | | 6946662 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|--|--|
| 2021/11/05 | 08:34:36.58 | 0.88 | 1.01 | 48.3924 | 19.5227 | 4.5 | 3.3 | 5 | 0.0f | 17 | 11 | 94 | 0.47 | 1.31 | sx | BUD | 17003420 | BUD | | | 149 | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 6 BUD | 17003420 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.47 | 282.8 | Pg | 08:34:46.875 | 0.7 | | | | | T__ | | 20.9 | | --- | ML | 0.9 | 6946835 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.47 | 282.8 | Lg | 08:34:52.844 | -0.4 | | | | | T__ | | | | --- | | 6946836 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.54 | 152.2 | Pg | 08:34:48.635 | 0.5 | | | | | T__ | | 55.5 | | --- | ML | 1.5 | 6946841 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.54 | 152.2 | Lg | 08:34:56.260 | -0.4 | | | | | T__ | | | | --- | | 6946840 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.56 | 155.4 | Pg | 08:34:49.500 | 0.9 | | | | | T__ | | 26.8 | | --- | ML | 1.2 | 6946842 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.56 | 155.4 | Lg | 08:34:56.938 | -0.2 | | | | | T__ | | | | --- | | 6946837 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.64 | 211.9 | Lg | 08:34:59.644 | -0.6 | | | | | T__ | | | | --- | | 6946843 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.65 | 81.6 | Lg | 08:34:59.097 | -0.3 | | | | | T__ | | | | --- | | 6946833 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.68 | 80.9 | Pg | 08:34:50.582 | 0.3 | | | | | T__ | | 47.2 | | --- | ML | 1.6 | 6946834 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 80.9 | Lg | 08:34:59.957 | -0.6 | | | | | T__ | | | | --- | | 6946838 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.72 | 111.6 | Pg | 08:34:52.103 | 0.5 | | | | | T__ | | 38.2 | | --- | ML | 1.5 | 6946832 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.72 | 111.6 | Lg | 08:35:01.665 | -1.2 | | | | | T__ | | | | --- | | 6946844 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.5 magdef=1
SRO 1.00 234.9 Lg 08:35:10.890 -1.6 T__ --- 6946845 FDSN SK -- BUD iLoc EHN ??? _
NIE 1.15 26.2 Lg 08:35:14.258 -0.7 T__ --- 6946846 FDSN PL -- BUD iLoc BHN ??? _
ABAH 1.15 94.2 Pn 08:34:59.347 0.6 T__ 50.8 --- ML 1.8 6946839 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.15 94.2 Sn 08:35:15.222 -1.1 T__ --- 6946847 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
JAVC 1.31 291.5 Sn 08:35:19.542 -2.2 T__ --- 6946848 FDSN CZ -- BUD iLoc HHN ??? _

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/05 | 08:39:50.90 | 1.10 | 1.50 | 48.4103 | 21.4035 | 9.2 | 4.4 | 139 | 0.0f | 10 | 6 | 176 | 0.16 | 1.16 | sx | BUD | 17003422 | BUD | | | | 304 |

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17003422

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| ABAH | 0.16 | 223.8 | Pg | 08:39:54.763 | 0.2 | | | | | T__ | | 552.3 | | --- | ML | 1.5 | 6946905 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ABAH | 0.16 | 223.8 | Lg | 08:39:57.826 | 0.0 | | | | | T__ | | | | --- | | 6946907 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.58 | 278.8 | Pg | 08:40:02.948 | 0.4 | | | | | T__ | | 27.1 | | --- | ML | 1.3 | 6946906 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.58 | 278.8 | Lg | 08:40:10.992 | -0.4 | | | | | T__ | | | | --- | | 6946911 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.65 | 244.2 | Pg | 08:40:05.117 | 0.6 | | | | | T__ | | 34.7 | | --- | ML | 1.4 | 6946913 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.65 | 244.2 | Lg | 08:40:13.443 | -1.4 | | | | | T__ | | | | --- | | 6946908 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.78 | 47.4 | Pg | 08:40:06.496 | 0.6 | | | | | T__ | | | | --- | | 6946910 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| KOLS | 0.78 | 47.4 | Lg | 08:40:15.469 | -3.0 | | | | | T__ | | | | --- | | 6946912 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| PSZ | 1.12 | 244.6 | Sn | 08:40:29.878 | -0.8 | | | | | T__ | | | | --- | | 6946914 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| ET1H | 1.16 | 243.2 | Sn | 08:40:29.201 | -1.7 | | | | | T__ | | | | --- | | 6946909 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/11/05 | 09:10:25.41 | 3.37 | 0.32 | 48.4785 | 20.7034 | 20.6 | 7.8 | 69 | 0.0f | 6 | 5 | 279 | 0.11 | 0.82 | sx | BUD | 17003424 | BUD | | | | | 304 |

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Magnitude Err Nsta Author OrigID

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| JOS | 0.11 | 279.1 | Pg | 09:10:27.796 | -0.1 | | | | | T__ | | 90.3 | | --- | ML | 0.6 | 6946935 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.11 | 279.1 | Lg | 09:10:30.046 | 0.2 | | | | | T__ | | | | --- | | 6946936 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.14 | 272.0 | Lg | 09:10:31.267 | 0.2 | | | | | T__ | | | | --- | | 6946937 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| HU02A | 0.38 | 198.5 | Lg | 09:10:40.141 | 0.4 | | | | | T__ | | | | --- | | 6946938 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| PSZ | 0.78 | 224.3 | Lg | 09:10:53.411 | -0.3 | | | | | T__ | | | | --- | | 6946939 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| ET1H | 0.82 | 223.2 | Lg | 09:10:54.608 | -0.1 | | | | | T__ | | | | --- | | 6946940 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

2021/11/05 09:38:04.47 0.95 0.70 48.4825 17.5144 6.1 3.1 130 0.0f 11 8 135 0.19 1.24 sx BUD 17003426 BUD 208

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude, ArrID, Agy, Deploy, Ln, Auth, Rep, PCh, ACh, L. Includes data for stations MODS, JAVC, ZST, A001A, VYHS, KRUC, RONA, and CONA.

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/05 11:36:39.48 1.38 1.20 48.3921 22.4416 18.6 7.4 69 0.0f 7 5 177 0.27 1.31 sx BUD 17003428 BUD 270

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude, ArrID, Agy, Deploy, Ln, Auth, Rep, PCh, ACh, L. Includes data for stations TRPA, KOLS, ABAH, JOS, and HU02A.

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/05 12:02:31.28 3.69 0.71 46.7901 22.7578 30.7 8.3 37 0.0f 6 4 266 0.03 1.42 sx BUD 17003432 BUD 303

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude, ArrID, Agy, Deploy, Ln, Auth, Rep, PCh, ACh, L. Includes data for stations DRGR, SIRR, and GZR.

(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 BZS 1.42 214.4 Sn 12:03:17.284 -0.1 T__ --- 6947109 FDSN RO -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/06 | 09:13:58.93 | 1.51 | 1.18 | 47.3779 | 18.3971 | 9.8 | 4.5 | 122 | 0.0f | 14 | 11 | 108 | 0.09 | 1.31 | sx | BUD | 17003436 | BUD | | | | 126 |

Magnitude Err Nsta Author OrigID
 ML 1.3 0.4 4 BUD 17003436

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| CSKK | 0.09 | 261.0 | Pg | 09:14:02.143 | 0.7 | | | | | T__ | | 1072.1 | | --- | ML | 1.6 | 6947446 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CSKK | 0.09 | 261.0 | Lg | 09:14:03.175 | -0.8 | | | | | T__ | | | | --- | | 6947447 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.10 | 279.1 | Pg | 09:14:02.460 | 1.0 | | | | | T__ | | 759.6 | | --- | ML | 1.4 | 6947455 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MSW1 | 0.10 | 279.1 | Lg | 09:14:03.275 | -0.7 | | | | | T__ | | | | --- | | 6947456 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.15 | 239.2 | Pg | 09:14:03.153 | 0.7 | | | | | T__ | | 181.9 | | --- | ML | 1.0 | 6947457 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MSW2 | 0.15 | 239.2 | Lg | 09:14:04.743 | -1.0 | | | | | T__ | | | | --- | | 6947458 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.18 | 271.7 | Pg | 09:14:04.193 | 1.0 | | | | | T__ | | 195.7 | | --- | ML | 1.1 | 6947459 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.26 | 357.8 | Lg | 09:14:08.776 | -0.8 | | | | | T__ | | | | --- | | 6947448 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| HU08A | 0.33 | 279.6 | Lg | 09:14:10.311 | -1.4 | | | | | T__ | | | | --- | | 6947449 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| ET1H | 1.12 | 62.8 | Sn | 09:14:36.661 | -1.3 | | | | | T__ | | | | --- | | 6947450 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| PSZ | 1.15 | 61.3 | Sn | 09:14:37.907 | -1.3 | | | | | T__ | | | | --- | | 6947451 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| VYHS | 1.16 | 14.6 | Lg | 09:14:38.290 | -0.9 | | | | | T__ | | | | --- | | 6947453 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| MORH | 1.18 | 171.6 | Sn | 09:14:37.264 | -1.8 | | | | | T__ | | | | --- | | 6947452 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| KOVH | 1.31 | 189.1 | Sn | 09:14:42.140 | -0.2 | | | | | T__ | | | | --- | | 6947454 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|-----|-----|
| 2021/11/06 | 09:22:08.66 | 1.05 | 0.57 | 46.1397 | 18.3132 | 11.1 | 3.7 | 159 | 0.0f | 5 | 3 | 179 | 0.16 | 0.39 | kx | BUD | 17003438 | BUD | | | | | 283 | |
| 2021/11/06 | 09:22:08.72 | 1.01 | 0.71 | 46.1765 | 18.2926f | | | | 0.0f | 5 | 3 | 155 | 0.16 | 0.35 | kx | BUD_GT | 17003439 | BUD_GT | | | | | | 275 |

(locality : Komló Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| KOVH | 0.16 | 236.7 | Pg | 09:22:12.664 | 0.1 | | | | | T__ | | 309.1 | | _c_ | ML | 1.2 | 6947495 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| KOVH | 0.16 | 236.7 | Lg | 09:22:15.148 | -0.5 | | | | | T__ | | | | --- | | 6947497 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 09:22:14.335 | 0.1 | | | | | T__ | | 77.9 | | --- | ML | 0.9 | 6947496 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 0.25 | 80.9 | Lg | 09:22:17.820 | -0.8 | | | | | T__ | | | | --- | | 6947498 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 0.9 magdef=1
 A266A 0.35 356.8 Lg 09:22:23.138 1.0 T__ --- 6947499 FDSN Z3 00 BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/11/08 08:58:11.53 0.88 0.83 48.5901 17.4885 4.8 3.4 136 0.0f 14 10 117 0.26 1.27 sx BUD 17003444 BUD 188

Magnitude Err Nsta Author OrigID
 ML 1.9 0.4 3 BUD 17003444

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.26 | 213.0 | Pg | 08:58:17.637 | 0.4 | | | | | T__ | | | | | | 6947756 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.26 | 213.0 | Lg | 08:58:20.766 | -1.1 | | | | | T__ | | | | | | 6947755 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.30 | 24.1 | Lg | 08:58:21.502 | -1.6 | | | | | T__ | | | | | | 6947757 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| ZST | 0.47 | 213.3 | Lg | 08:58:27.634 | -1.1 | | | | | T__ | | | | | | 6947758 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A001A | 0.61 | 283.4 | Lg | 08:58:32.118 | -0.9 | | | | | T__ | | | | | | 6947759 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| KRUC | 0.86 | 303.6 | Lg | 08:58:40.506 | -0.3 | | | | | T__ | | | | | | 6947760 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.90 | 95.6 | Pg | 08:58:30.046 | 0.3 | | | | | T__ | | 19.1 | | | ML | 1.3 | 6947762 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.90 | 95.6 | Lg | 08:58:42.619 | -0.2 | | | | | T__ | | | | | | 6947761 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.3 magdef=1

(Station ML: 1.3 magdef=1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|--|--|--|--|-----|--|------|--|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| VRAC | 0.93 | 321.0 | Lg | 08:58:42.731 | -0.1 | | | | | T__ | | | | | | 6947763 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| MORC | 1.19 | 1.7 | Lg | 08:58:51.198 | 1.0 | | | | | T__ | | | | | | 6947766 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.20 | 222.3 | Pn | 08:58:35.149 | 0.1 | | | | | T__ | | 51.5 | | | ML | 1.9 | 6947765 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.20 | 222.3 | Lg | 08:58:51.155 | 0.5 | | | | | T__ | | | | | | 6947764 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.9 magdef=1

(Station ML: 1.9 magdef=1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|-----|--|--|--|--|-----|--|------|--|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| CONA | 1.27 | 239.3 | Pn | 08:58:36.445 | 0.1 | | | | | T__ | | 82.3 | | | ML | 2.1 | 6947768 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.27 | 239.3 | Lg | 08:58:53.338 | 0.3 | | | | | T__ | | | | | | 6947767 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 2.1 magdef=1

(Station ML: 2.1 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/11/08 08:59:46.93 0.93 1.19 47.1333 18.1218 4.9 4.1 67 0.0f 9 6 104 0.25 1.05 sx BUD 17003446 BUD 154

Magnitude Err Nsta Author OrigID
 ML 1.3 0.4 3 BUD 17003446

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.25 | 22.3 | Pg | 08:59:53.138 | 0.7 | | | | | T__ | | 84.0 | | | ML | 0.9 | 6947793 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.25 | 22.3 | Lg | 08:59:56.984 | -0.4 | | | | | T__ | | | | | | 6947794 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A267A | 0.31 | 127.1 | Lg | 08:59:57.952 | -1.2 | | | | | T__ | | | | | | 6947795 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.33 | 335.7 | Lg | 08:59:58.325 | -1.5 | | | | | T__ | | | | | | 6947796 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.40 | 275.5 | Pg | 08:59:56.183 | 0.8 | | | | | T__ | | 74.1 | | | ML | 1.3 | 6947797 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.40 | 275.5 | Lg | 09:00:01.112 | -0.8 | | | | | T__ | | | | | | 6947798 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.3 magdef=1

(Station ML: 1.3 magdef=1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|--|--|--|--|-----|--|------|--|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| MORH | 0.99 | 158.5 | Pg | 09:00:07.411 | 0.8 | | | | | T__ | | 32.3 | | | ML | 1.6 | 6947800 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.99 | 158.5 | Lg | 09:00:20.482 | -0.6 | | | | | T__ | | | | | | 6947799 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 KOVH 1.05 180.8 Lg 09:00:22.052 -1.3 T__ --- 6947801 FDSN HU -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/11/08 | 09:04:22.43 | 1.10 | 2.52 | 47.7529 | 19.0675 | 6.7 | 5.4 | 80 | 0.0f | 7 | 5 | 154 | 0.10 | 1.05 | kx | BUD | 17003448 | BUD | | | | 267 |
| 2021/11/08 | 09:04:22.69 | 0.98 | 2.39 | 47.7791 | 19.0372f | | | | 0.0f | 7 | 5 | 167 | 0.07 | 1.06 | kx | BUD_GT | 17003449 | BUD_GT | | | | 273 |

(locality : Dunabogdány Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.07 | 349.3 | Pg | 09:04:25.536 | 1.0 | | | | | T__ | | 945.4 | | --- | ML | 1.5 | 6947855 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 349.3 | Lg | 09:04:26.055 | -0.3 | | | | | T__ | | | | --- | | 6947858 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUD | 0.30 | 181.7 | Lg | 09:04:32.996 | -1.6 | | | | | T__ | | | | --- | | 6947859 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU03A | 0.40 | 71.6 | Lg | 09:04:37.408 | -0.3 | | | | | T__ | | | | --- | | 6947856 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 0.59 | 76.1 | Lg | 09:04:43.374 | -1.6 | | | | | T__ | | | | --- | | 6947857 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 1.06 | 70.5 | Pn | 09:04:42.752 | -1.0 | | | | | T__ | 43.0 | | | --- | ML | 1.7 | 6947853 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.06 | 70.5 | Sn | 09:04:55.352 | -5.2 | | | | | T__ | | | | --- | | 6947854 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

(Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1)

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/11/08 | 09:16:19.01 | 0.93 | 1.07 | 47.7388 | 19.0444 | 5.3 | 3.6 | 154 | 0.0f | 18 | 13 | 162 | 0.11 | 1.45 | kx | BUD | 17003450 | BUD | | | | 169 |
| 2021/11/08 | 09:16:19.27 | 0.87 | 0.94 | 47.7791 | 19.0372f | | | | 0.0f | 18 | 13 | 155 | 0.07 | 1.41 | kx | BUD_GT | 17003451 | BUD_GT | | | | 163 |

(locality : Dunabogdány Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 2.1 0.0 5 BUD_GT 17003451

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.07 | 349.3 | Pg | 09:16:22.470 | 1.3 | | | | | T__ | | 4089.0 | | --- | ML | 2.1 | 6947925 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 349.3 | Lg | 09:16:23.259 | 0.3 | | | | | T__ | | | | --- | | 6947927 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.40 | 71.6 | Lg | 09:16:33.955 | -0.3 | | | | | T__ | | | | --- | | 6947928 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.46 | 252.6 | Lg | 09:16:35.530 | -1.3 | | | | | T__ | | | | --- | | 6947929 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.59 | 76.1 | Pg | 09:16:32.364 | 0.2 | | | | | T__ | 172.5 | | | --- | ML | 2.1 | 6947931 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.59 | 76.1 | Lg | 09:16:40.214 | -1.3 | | | | | T__ | | | | --- | | 6947930 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.67 | 231.9 | Lg | 09:16:42.337 | -1.7 | | | | | T__ | | | | --- | | 6947932 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.73 | 349.4 | Lg | 09:16:44.786 | -0.2 | | | | | T__ | | | | --- | | 6947933 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.83 | 245.6 | Lg | 09:16:47.607 | -1.5 | | | | | T__ | | | | --- | | 6947934 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 1.06 | 70.5 | Pg | 09:16:41.468 | 0.4 | | | | | T__ | 37.7 | | | --- | ML | 1.7 | 6947936 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.06 | 70.5 | Sn | 09:16:55.812 | -1.3 | | | | | T__ | | | | --- | | 6947935 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
MPLH 1.18 239.6 Lg 09:16:59.207 -0.7 T__ --- 6947937 FDSN HU -- BUD iLoc HHN ??? _
KECS 1.20 53.5 Pg 09:16:43.498 0.4 T__ 91.5 --- ML 2.1 6947939 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.20 53.5 Sn 09:16:59.836 -0.5 T__ --- 6947938 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 1.24 54.0 Pg 09:16:43.729 -0.0 T__ 41.2 --- ML 1.8 6947926 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.24 54.0 Sn 09:17:01.009 -0.2 T__ --- 6947940 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 1.32 297.4 Sn 09:17:03.170 -0.8 T__ --- 6947941 FDSN SK -- BUD iLoc HHN ??? _
JAVC 1.41 320.3 Sn 09:17:05.878 -1.0 T__ --- 6947942 FDSN CZ -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/08 09:50:51.61 0.88 1.03 47.9130 19.4022 5.8 2.7 173 0.0f 17 10 119 0.13 1.49 kx BUD 17003452 BUD 154
2021/11/08 09:50:51.48 0.84 0.97 47.8920 19.4049f 0.0f 17 10 128 0.13 1.51 kx BUD_GT 17003453 BUD_GT 164
(locality : Bercel Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 7 BUD_GT 17003453

```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.13 84.8 Pg 09:50:55.864 1.2 T__ 1381.3 --- ML 1.8 6947986 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.13 84.8 Lg 09:50:57.931 0.7 T__ --- 6947985 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.26 259.9 Pg 09:50:58.141 0.9 T__ 890.3 --- ML 2.0 6947984 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.26 259.9 Lg 09:51:01.471 -0.5 T__ --- 6947988 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.33 85.2 Pg 09:50:59.480 0.5 T__ 199.3 --- ML 1.5 6947987 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.33 85.2 Lg 09:51:03.807 -0.9 T__ --- 6947989 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.71 327.9 Pg 09:51:06.499 0.5 T__ 21.7 --- ML 1.2 6947991 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.71 327.9 Lg 09:51:15.582 -1.0 T__ --- 6947990 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU09A 0.73 250.2 Lg 09:51:17.146 -1.3 T__ --- 6947992 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.79 72.6 Pg 09:51:08.028 0.2 T__ 57.7 --- ML 1.7 6947994 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.79 72.6 Lg 09:51:18.136 -2.0 T__ --- 6947993 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.93 50.3 Pn 09:51:10.734 -0.0 T__ 105.6 --- ML 2.0 6947996 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.93 50.3 Lg 09:51:23.030 -1.1 T__ --- 6947995 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 0.97 51.1 Pn 09:51:11.469 0.2 T__ 45.4 --- ML 1.7 6947997 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.97 51.1 Lg 09:51:24.373 -1.6 T__ --- 6947998 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1

```

```
(Station ML: 1.7 magdef=1
A267A 1.13 213.9 Sn 09:51:30.272 -0.5 T__ --- 6947999 FDSN Z3 00 BUD iLoc HHN ??? _
JAVC 1.51 310.6 Sn 09:51:41.701 0.3 T__ --- 6948000 FDSN CZ -- BUD iLoc HHN ??? _
```

```
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/08 09:56:24.44 0.90 0.82 48.5887 17.4403 8.2 3.1 123 0.0f 10 6 124 0.24 1.24 sx BUD 17003454 BUD 177
```

```
Magnitude Err Nsta Author OrigID
ML 1.9 0.1 3 BUD 17003454
```

```
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.24 206.8 Pg 09:56:30.324 0.5 T__ --- 6948034 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.24 206.8 Lg 09:56:32.899 -1.3 T__ --- 6948037 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.31 29.3 Pg 09:56:31.628 0.4 T__ 136.5 _c ML 1.3 6948041 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.31 29.3 Lg 09:56:35.296 -1.3 T__ --- 6948042 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
VYHS 0.93 95.3 Lg 09:56:56.548 -0.2 T__ --- 6948036 FDSN SK -- BUD iLoc HHN ??? _
RONA 1.17 221.2 Pg 09:56:47.730 0.1 T__ 60.1 --- ML 1.9 6948035 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 1.17 221.2 Lg 09:57:03.251 0.4 T__ --- 6948043 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORC 1.19 3.2 Lg 09:57:03.400 0.2 T__ --- 6948038 FDSN CZ -- BUD iLoc HHE ??? _
CONA 1.24 238.5 Pn 09:56:49.245 0.4 T__ 68.5 --- ML 2.0 6948040 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.24 238.5 Lg 09:57:04.282 -0.7 T__ --- 6948039 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
```

```
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/08 11:23:07.53 1.03 0.86 47.8483 19.1401 10.3 4.1 175 0.0f 10 7 185 0.08 1.14 kx BUD 17003458 BUD 260
2021/11/08 11:23:07.41 0.94 0.83 47.8355 19.1270f 0.0f 10 7 197 0.07 1.15 kx BUD_GT 17003459 BUD_GT 263
```

```
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)
```

```
Magnitude Err Nsta Author OrigID
ML 1.6 0.3 3 BUD_GT 17003459
```

```
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 277.6 Pg 11:23:10.101 0.7 T__ 631.8 --- ML 1.3 6948104 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 277.6 Lg 11:23:10.690 -0.6 T__ --- 6948105 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU03A 0.33 77.7 Lg 11:23:19.984 0.1 T__ --- 6948106 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.52 80.6 Lg 11:23:26.232 -1.0 T__ --- 6948107 FDSN GE -- BUD iLoc HHN ??? _
VYHS 0.69 343.6 Lg 11:23:31.285 -0.4 T__ --- 6948103 FDSN SK -- BUD iLoc HHE ??? _
HU02A 0.98 72.5 Pg 11:23:28.064 0.4 T__ 35.6 --- ML 1.6 6948109 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.98 72.5 Lg 11:23:41.523 -1.7 T__ --- 6948108 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 1.12 54.0 Sn 11:23:45.649 -0.8 T__ --- 6948110 FDSN SK -- BUD iLoc EHN ??? _
```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| JOS | 1.15 | 54.5 | Pg | 11:23:30.213 | -0.1 | T__ | 42.9 | ___ | ML | 1.8 | 6948112 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.15 | 54.5 | Sn | 11:23:46.607 | -0.7 | T__ | | --- | | | 6948111 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/08 | 11:34:31.72 | 0.85 | 0.89 | 48.2481 | 19.8634 | 3.8 | 3.0 | 135 | 0.0f | | 20 | 14 | 80 | 0.33 | 1.58 | sx | BUD | 17003460 | BUD | | | 126 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.2 | 6 BUD | 17003460 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.33 | 176.4 | Pg | 11:34:39.553 | 0.4 | | | | | T__ | | 731.8 | | _c | ML | 2.1 | 6948151 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.33 | 176.4 | Lg | 11:34:44.607 | -0.2 | | | | | T__ | | | | --- | | 6948155 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.39 | 207.3 | Pg | 11:34:40.910 | 0.9 | | | | | T__ | | 444.4 | | ___ | ML | 2.0 | 6948157 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.39 | 207.3 | Lg | 11:34:46.144 | 0.0 | | | | | T__ | | | | --- | | 6948156 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.46 | 105.6 | Pg | 11:34:41.838 | 0.3 | | | | | T__ | | 140.3 | | ___ | ML | 1.7 | 6948160 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 105.6 | Lg | 11:34:48.484 | -0.6 | | | | | T__ | | | | --- | | 6948159 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.48 | 60.2 | Lg | 11:34:48.307 | -0.4 | | | | | T__ | | | | --- | | 6948158 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.51 | 60.9 | Pg | 11:34:42.544 | 0.5 | | | | | T__ | | 181.7 | | ___ | ML | 2.0 | 6948153 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.51 | 60.9 | Lg | 11:34:49.578 | -0.4 | | | | | T__ | | | | --- | | 6948152 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.66 | 156.8 | Lg | 11:34:55.584 | -0.4 | | | | | T__ | | | | --- | | 6948161 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.70 | 234.9 | Lg | 11:34:55.840 | -1.4 | | | | | T__ | | | | --- | | 6948162 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.73 | 290.1 | Pg | 11:34:47.196 | 0.7 | | | | | T__ | | 29.5 | | ___ | ML | 1.4 | 6948154 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.73 | 290.1 | Lg | 11:34:56.044 | -1.2 | | | | | T__ | | | | --- | | 6948163 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU01A | 0.92 | 190.4 | Lg | 11:35:03.828 | -1.1 | | | | | T__ | | | | --- | | 6948165 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.92 | 86.5 | Lg | 11:35:03.375 | -1.0 | | | | | T__ | | | | --- | | 6948164 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| BSZH | 0.99 | 163.8 | Sn | 11:35:06.049 | -1.0 | | | | | T__ | | | | --- | | 6948166 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU05A | 1.10 | 128.6 | Sn | 11:35:09.825 | -0.1 | | | | | T__ | | | | --- | | 6948167 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| NIE | 1.21 | 13.7 | Pg | 11:34:55.634 | 1.1 | | | | | T__ | | 38.3 | | ___ | ML | 1.8 | 6948169 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.21 | 13.7 | Lg | 11:35:11.142 | -1.0 | | | | | T__ | | | | --- | | 6948168 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.58 | 293.6 | Sn | 11:35:21.990 | -1.4 | | | | | T__ | | | | --- | | 6948170 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/11/08 | 12:11:49.83 | 1.20 | 0.99 | 47.8988 | 16.5257 | 9.2 | 5.4 | 140 | 0.0f | | 7 | 6 | 171 | 0.25 | 0.99 | sx | BUD | 17003464 | BUD | | | | | 295 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.25 | 217.9 | Pg | 12:11:54.807 | -0.3 | | | | | T__ | | 56.9 | | --- | ML | 0.8 | 6948261 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.25 | 217.9 | Lg | 12:11:58.539 | -0.3 | | | | | T__ | | | | --- | | 6948262 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.45 | 274.0 | Lg | 12:12:04.430 | -0.5 | | | | | T__ | | | | --- | | 6948260 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.69 | 46.4 | Lg | 12:12:15.366 | 0.3 | | | | | T__ | | | | --- | | 6948265 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A013A | 0.77 | 282.8 | Lg | 12:12:14.781 | 0.1 | | | | | T__ | | | | --- | | 6948266 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ | |
| ARSA | 0.94 | 226.7 | Lg | 12:12:21.220 | 1.4 | | | | | T__ | | | | --- | | 6948263 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A018A | 0.99 | 261.5 | Lg | 12:12:22.555 | 1.2 | | | | | T__ | | | | --- | | 6948264 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/08 | 14:11:59.13 | 1.25 | 0.70 | 48.4378 | 20.7792 | 8.1 | 5.6 | 28 | 0.0f | | 8 | 6 | 184 | 0.17 | 0.83 | sx | BUD | 17003466 | BUD | | | 278 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 290.1 | Pg | 14:12:03.167 | 0.4 | | | | | T__ | | 211.5 | | _c | ML | 1.1 | 6948286 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 290.1 | Lg | 14:12:04.957 | -0.7 | | | | | T__ | | | | --- | | 6948288 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 283.2 | Pg | 14:12:03.824 | 0.4 | | | | | T__ | | 364.7 | | --- | ML | 1.4 | 6948287 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 283.2 | Lg | 14:12:06.080 | -0.6 | | | | | T__ | | | | --- | | 6948289 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.34 | 114.6 | Lg | 14:12:11.624 | -0.6 | | | | | T__ | | | | --- | | 6948290 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.36 | 208.4 | Lg | 14:12:13.082 | 0.2 | | | | | T__ | | | | --- | | 6948291 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.79 | 229.1 | Lg | 14:12:26.998 | -0.8 | | | | | T__ | | | | --- | | 6948292 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.83 | 227.7 | Lg | 14:12:28.222 | -0.4 | | | | | T__ | | | | --- | | 6948293 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/09 | 01:06:18.50 | 0.99 | 0.82 | 46.2899 | 19.8570 | 9.3 | 3.7 | 177 | 10.0f | | 15 | 9 | 170 | 0.10 | 1.25 | ke | BUD | 17003468 | BUD | | | 177 |

Magnitude Err Nsta Author OrigID
ML 1.7 0.3 5 BUD 17003468

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU21A | 0.10 | 295.9 | Pg | 01:06:21.591 | 0.2 | | | | | T__ | | 732.5 | | _c | ML | 1.4 | 6948362 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU21A | 0.10 | 295.9 | Lg | 01:06:23.740 | -0.2 | | | | | T__ | | | | --- | | 6948363 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 0.50 | 274.6 | Lg | 01:06:35.795 | -1.2 | | | | | T__ | | | | --- | | 6948375 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU04A | 0.58 | 333.5 | Lg | 01:06:39.163 | -0.5 | | | | | T__ | | | | --- | | 6948367 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| AMBH | 0.61 | 84.0 | Pg | 01:06:30.646 | -0.3 | | | | | T__ | | | | --- | | 6948365 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| AMBH | 0.61 | 84.0 | Lg | 01:06:39.611 | -0.4 | | | | | T__ | | | | --- | | 6948366 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU06A | 0.65 | 49.0 | Pg | 01:06:32.463 | 0.6 | | | | | T__ | | 134.6 | | --- | ML | 2.0 | 6948369 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU06A | 0.65 | 49.0 | Lg | 01:06:40.743 | -0.6 | | | | | T__ | | | | --- | | 6948368 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A272A | 0.77 | 306.8 | Pn | 01:06:34.209 | 0.6 | | | | | T__ | | 92.7 | | --- | ML | 1.9 | 6948370 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| A272A | 0.77 | 306.8 | Sn | 01:06:45.226 | -0.4 | T__ | | | | | | | | 6948371 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.85 | 265.3 | Pn | 01:06:35.105 | 0.4 | T__ | 25.0 | | | | | | | 6948372 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.85 | 265.3 | Sn | 01:06:47.113 | -0.3 | T__ | | | | | | | | 6948373 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.24 | 261.3 | Pn | 01:06:42.062 | 1.8 | T__ | 31.1 | | | | | | | 6948361 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.24 | 261.3 | Lg | 01:06:59.625 | -0.2 | T__ | | | | | | | | 6948364 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 1.25 | 90.4 | Sn | 01:06:58.803 | 1.1 | T__ | | | | | | | | 6948374 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/11/09 | 01:47:43.71 | 1.00 | 1.54 | 46.3062 | 19.8516 | 7.7 | 4.2 | 1 | 8.1 | 7.2 | 17 | 10 | 141 | 0.09 | 1.61 | ke | BUD | 17003470 | BUD | | | 169 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.8 | 0.1 | 6 BUD | 17003470 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| HU21A | 0.09 | 287.5 | Pg | 01:47:46.800 | 0.5 | | | | | T__ | | 826.7 | | | ML | 1.5 | 6948416 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU21A | 0.09 | 287.5 | Lg | 01:47:48.066 | -0.4 | | | | | T__ | | | | | | 6948417 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 0.50 | 272.8 | Pg | 01:47:54.703 | 0.9 | | | | | T__ | | 132.1 | | | ML | 1.8 | 6948419 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU22A | 0.50 | 272.8 | Lg | 01:48:00.611 | -1.4 | | | | | T__ | | | | | | 6948418 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU04A | 0.57 | 333.1 | Pg | 01:47:55.892 | 0.4 | | | | | T__ | | 116.4 | | | ML | 1.9 | 6948420 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU04A | 0.57 | 333.1 | Lg | 01:48:03.757 | -0.7 | | | | | T__ | | | | | | 6948421 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMBH | 0.61 | 85.5 | Pg | 01:47:56.237 | -0.1 | | | | | T__ | | | | | | 6948423 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| AMBH | 0.61 | 85.5 | Lg | 01:48:04.831 | -0.5 | | | | | T__ | | | | | | 6948422 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A272A | 0.75 | 305.9 | Pg | 01:47:58.961 | 0.2 | | | | | T__ | | 100.9 | | | ML | 1.9 | 6948424 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A272A | 0.75 | 305.9 | Lg | 01:48:09.741 | -0.8 | | | | | T__ | | | | | | 6948425 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.84 | 264.2 | Pg | 01:48:00.227 | -0.0 | | | | | T__ | | 34.6 | | | ML | 1.5 | 6948426 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.84 | 264.2 | Lg | 01:48:11.774 | -0.9 | | | | | T__ | | | | | | 6948427 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.24 | 260.5 | Pn | 01:48:07.286 | 1.7 | | | | | T__ | | 37.7 | | | ML | 1.8 | 6948428 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.24 | 260.5 | Sn | 01:48:23.782 | 1.2 | | | | | T__ | | | | | | 6948429 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 1.25 | 91.1 | Sn | 01:48:23.705 | 0.3 | | | | | T__ | | | | | | 6948430 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 1.41 | 118.6 | Sn | 01:48:29.000 | 1.8 | | | | | T__ | | | | | | 6948431 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| PSZ | 1.61 | 1.0 | Sn | 01:48:36.442 | 4.2 | | | | | T__ | | | | | | 6948432 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/09 | 08:11:06.97 | 1.32 | 0.81 | 48.5431 | 20.8106 | 6.9 | 5.4 | 39 | 0.0f | | 12 | 8 | 151 | 0.19 | 1.03 | sx | BUD | 17003472 | BUD | | | 235 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.2 | 4 BUD | 17003472 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 255.4 | Pg | 08:11:11.385 | 0.5 | | | | | T__ | | 123.0 | | ___ | ML | 0.9 | 6948467 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 255.4 | Lg | 08:11:14.248 | 0.2 | | | | | T__ | | | | --- | | 6948470 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 254.6 | Pg | 08:11:11.924 | 0.3 | | | | | T__ | | 349.5 | | --- | ML | 1.5 | 6948468 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.22 | 254.6 | Lg | 08:11:15.307 | -0.0 | | | | | T__ | | | | --- | | 6948471 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.38 | 130.7 | Lg | 08:11:20.919 | -0.5 | | | | | T__ | | | | --- | | 6948472 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.46 | 204.5 | Pg | 08:11:17.535 | 0.7 | | | | | T__ | | 42.1 | | --- | ML | 1.2 | 6948469 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 204.5 | Lg | 08:11:23.793 | -0.5 | | | | | T__ | | | | --- | | 6948473 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.88 | 224.8 | Lg | 08:11:37.296 | -1.3 | | | | | T__ | | | | --- | | 6948474 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.91 | 223.7 | Pn | 08:11:25.861 | -0.1 | | | | | T__ | | 32.9 | | --- | ML | 1.5 | 6948477 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.91 | 223.7 | Lg | 08:11:38.548 | -0.9 | | | | | T__ | | | | --- | | 6948476 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.94 | 339.2 | Lg | 08:11:37.202 | -0.8 | | | | | T__ | | | | --- | | 6948475 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU03A | 1.03 | 232.1 | Lg | 08:11:42.315 | -1.1 | | | | | T__ | | | | --- | | 6948478 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/09 | 10:28:05.52 | 0.90 | 1.22 | 48.4154 | 19.1878 | 5.4 | 3.4 | 23 | 0.0f | | 14 | 12 | 101 | 0.25 | 1.37 | sx | BUD | 17003474 | BUD | | | 150 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.25 | 288.7 | Pg | 10:28:11.820 | 1.1 | | | | | T__ | | 44.4 | | ___ | ML | 0.6 | 6948600 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.25 | 288.7 | Lg | 10:28:14.085 | -0.6 | | | | | T__ | | | | --- | | 6948599 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.58 | 151.5 | Lg | 10:28:26.566 | 0.0 | | | | | T__ | | | | --- | | 6948606 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.58 | 191.3 | Lg | 10:28:26.294 | -0.7 | | | | | T__ | | | | --- | | 6948605 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.69 | 136.2 | Lg | 10:28:30.127 | -0.6 | | | | | T__ | | | | --- | | 6948601 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.71 | 139.3 | Lg | 10:28:30.644 | -0.3 | | | | | T__ | | | | --- | | 6948602 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.87 | 85.0 | Lg | 10:28:35.739 | 0.0 | | | | | T__ | | | | --- | | 6948607 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.90 | 84.4 | Lg | 10:28:35.798 | -1.2 | | | | | T__ | | | | --- | | 6948603 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.94 | 107.7 | Pg | 10:28:24.600 | -0.3 | | | | | T__ | | 45.9 | | --- | ML | 1.7 | 6948598 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.94 | 107.7 | Lg | 10:28:38.538 | -0.6 | | | | | T__ | | | | --- | | 6948608 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.10 | 294.4 | Lg | 10:28:41.764 | -2.8 | | | | | T__ | | | | --- | | 6948609 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 1.24 | 35.7 | Lg | 10:28:47.050 | 0.1 | | | | | T__ | | | | --- | | 6948610 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| MODS | 1.27 | 268.8 | Sn | 10:28:47.110 | -2.0 | | | | | T__ | | | | --- | | 6948604 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 1.37 | 94.2 | Sn | 10:28:51.404 | 0.6 | | | | | T__ | | | | --- | | 6948611 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/09 | 11:15:08.28 | 0.99 | 1.00 | 48.8342 | 21.5816 | 8.4 | 4.1 | 154 | 0.0f | | 12 | 8 | 132 | 0.47 | 1.49 | sx | BUD | 17003476 | BUD | | | 257 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.1 | 3 BUD | 17003476 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOLS | 0.47 | 77.5 | Pg | 11:15:17.960 | 0.6 | | | | | T__ | | | | | | 6948639 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.47 | 77.5 | Lg | 11:15:23.710 | -1.4 | | | | | T__ | | | | | | 6948645 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.58 | 203.0 | Pg | 11:15:20.706 | 0.7 | | | | | T__ | | 128.6 | | | ML | 1.9 | 6948640 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.58 | 203.0 | Lg | 11:15:28.456 | -1.3 | | | | | T__ | | | | | | 6948646 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.77 | 244.3 | Pg | 11:15:24.020 | 0.5 | | | | | T__ | | 135.9 | | | ML | 2.1 | 6948643 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.77 | 244.3 | Lg | 11:15:34.582 | -0.4 | | | | | T__ | | | | | | 6948641 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.81 | 244.6 | Lg | 11:15:35.917 | -0.4 | | | | | T__ | | | | | | 6948642 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU02A | 1.00 | 225.0 | Pn | 11:15:28.169 | -0.4 | | | | | T__ | | 89.7 | | | ML | 2.0 | 6948638 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.00 | 225.0 | Lg | 11:15:42.106 | -1.6 | | | | | T__ | | | | | | 6948648 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.03 | 305.2 | Lg | 11:15:42.242 | -0.6 | | | | | T__ | | | | | | 6948647 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| PSZ | 1.45 | 231.5 | Sn | 11:15:55.517 | -0.6 | | | | | T__ | | | | | | 6948649 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.49 | 230.7 | Sn | 11:15:56.360 | -0.2 | | | | | T__ | | | | | | 6948644 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/09 | 11:41:36.40 | 4.19 | 1.50 | 46.8425 | 22.7571 | 31.6 | 16.0 | 156 | 0.0f | | 6 | 4 | 279 | 0.06 | 1.56 | sx | BUD | 17003480 | BUD | | | 306 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.06 | 211.8 | Pg | 11:41:38.109 | 0.1 | | | | | T__ | | 149.2 | | | ML | 0.6 | 6948719 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.06 | 211.8 | Lg | 11:41:39.546 | 0.0 | | | | | T__ | | | | | | 6948720 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.95 | 233.2 | Lg | 11:42:08.632 | -0.7 | | | | | T__ | | | | | | 6948721 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.45 | 179.5 | Pg | 11:42:03.976 | 0.1 | | | | | T__ | | 44.1 | | | ML | 2.0 | 6948717 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.45 | 179.5 | Sn | 11:42:22.539 | -1.4 | | | | | T__ | | | | | | 6948722 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.56 | 152.9 | Sn | 11:42:25.048 | -2.1 | | | | | T__ | | | | | | 6948718 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/09 | 13:18:05.59 | 2.03 | 0.52 | 48.5578 | 20.8945 | 13.2 | 6.2 | 25 | 0.0f | | 11 | 6 | 243 | 0.24 | 0.96 | sx | BUD | 17003484 | BUD | | | 314 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 5 BUD | 17003484 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.24 | 255.4 | Pg | 13:18:10.921 | 0.3 | | | | | T__ | | 358.4 | | ___ | ML | 1.5 | 6948783 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.24 | 255.4 | Lg | 13:18:14.601 | 0.0 | | | | | T__ | | | | --- | | 6948784 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.28 | 254.8 | Pg | 13:18:11.406 | 0.0 | | | | | T__ | | 840.6 | | ___ | ML | 2.0 | 6948782 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.28 | 254.8 | Lg | 13:18:15.812 | -0.1 | | | | | T__ | | | | --- | | 6948787 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.35 | 138.6 | Lg | 13:18:18.550 | -0.5 | | | | | T__ | | | | --- | | 6948788 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.50 | 209.6 | Pg | 13:18:16.765 | 0.6 | | | | | T__ | | 61.3 | | ___ | ML | 1.5 | 6948786 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 209.6 | Lg | 13:18:24.132 | -0.1 | | | | | T__ | | | | --- | | 6948785 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.93 | 226.6 | Pn | 13:18:24.404 | -0.5 | | | | | T__ | | 55.5 | | ___ | ML | 1.8 | 6948790 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.93 | 226.6 | Lg | 13:18:37.966 | -0.9 | | | | | T__ | | | | --- | | 6948789 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.96 | 225.6 | Pn | 13:18:24.872 | -0.4 | | | | | T__ | | 46.2 | | ___ | ML | 1.7 | 6948792 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.96 | 225.6 | Lg | 13:18:39.372 | -0.4 | | | | | T__ | | | | --- | | 6948791 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/09 | 13:50:48.15 | 0.93 | 0.51 | 47.8742 | 16.1279 | 4.9 | 4.2 | 44 | 0.0f | | 15 | 8 | 90 | 0.19 | 1.20 | sx | BUD | 17003486 | BUD | | | 138 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.3 | 7 BUD | 17003486 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.19 | 286.9 | Pg | 13:50:51.593 | -0.5 | | | | | T__ | | 400.7 | | _c | ML | 1.4 | 6948831 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.19 | 286.9 | Lg | 13:50:54.343 | -0.5 | | | | | T__ | | | | --- | | 6948837 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.21 | 146.9 | Pg | 13:50:53.453 | 0.9 | | | | | T__ | | 93.1 | | ___ | ML | 0.8 | 6948832 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.21 | 146.9 | Lg | 13:50:55.890 | 0.2 | | | | | T__ | | | | --- | | 6948838 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.48 | 193.9 | Pg | 13:50:57.833 | 0.2 | | | | | T__ | | 57.2 | | ___ | ML | 1.4 | 6948840 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A011B | 0.48 | 193.9 | Lg | 13:51:03.583 | -0.2 | | | | | T__ | | | | --- | | 6948839 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.52 | 291.6 | Pg | 13:50:58.562 | 0.3 | | | | | T__ | | 96.8 | | ___ | ML | 1.7 | 6948833 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.52 | 291.6 | Lg | 13:51:05.375 | 0.4 | | | | | T__ | | | | --- | | 6948841 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.72 | 259.9 | Pg | 13:51:02.062 | -0.1 | | | | | T__ | | 104.1 | | ___ | ML | 1.9 | 6948834 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.72 | 259.9 | Lg | 13:51:11.531 | 0.4 | | | | | T__ | | | | --- | | 6948842 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.75 | 213.5 | Pg | 13:51:01.500 | -1.1 | | | | | T__ | | 54.4 | | ___ | ML | 1.7 | 6948835 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |

```

ARSA  0.75 213.5 Lg      13:51:11.937 -0.1      T__          ---          6948836   FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS  0.92  56.6 Lg      13:51:20.683 -0.3      T__          ---          6948843   FDSN SK      -- BUD  iLoc  HHN ??? _
KRUC  1.20  8.4 Pg       13:51:10.925 -0.3      T__          60.4         --- ML      1.9 6948845   FDSN CZ      -- BUD  iLoc  HHZ HHZ _
KRUC  1.20  8.4 Sn       13:51:28.737  0.0      T__          ---          6948844   FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/11/09 14:31:15.58  0.97  0.69 47.6085 16.3821  5.1  3.8 168  0.0f      14  10 126  0.11  1.45  sx BUD  17003488  BUD  177

```

```

Magnitude Err Nsta Author  OrigID
ML 1.3 0.3 4 BUD 17003488

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
RONA  0.11 327.6 Pg      14:31:18.135  0.0  T__          448.8  --- ML      1.3 6948885   FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.11 327.6 Lg      14:31:19.963 -0.1  T__          ---          6948888   FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
SOP  0.14  57.8 Pg      14:31:19.170  0.4  T__          193.3  --- ML      1.0 6948884   FDSN HU      -- BUD  iLoc  HHZ HHZ _
SOP  0.14  57.8 Lg      14:31:21.295  0.1  T__          ---          6948889   FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
AO11B 0.35 235.3 Lg      14:31:26.462 -0.6  T__          ---          6948890   FDSN Z3      00 BUD  iLoc  HH2 ??? _
CONA  0.47 312.5 Pg      14:31:24.312 -0.8  T__          63.6  --- ML      1.4 6948887   FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA  0.47 312.5 Lg      14:31:31.999  0.5  T__          ---          6948886   FDSN OE      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ARSA  0.68 238.8 Lg      14:31:37.419 -0.0  T__          ---          6948891   FDSN OE      -- BUD  iLoc  HHN ??? _
AO13A 0.80 305.1 Pg      14:31:31.715  0.7  T__          69.3  --- ML      1.8 6948893   FDSN Z3      00 BUD  iLoc  HHZ HHZ _
AO13A 0.80 305.1 Lg      14:31:42.340  1.0  T__          ---          6948892   FDSN Z3      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
AO18A 0.89 279.2 Lg      14:31:44.800  0.7  T__          ---          6948894   FDSN Z3      00 BUD  iLoc  HHN ??? _
MODS  0.97  37.8 Lg      14:31:49.050 -1.4  T__          ---          6948895   FDSN SK      -- BUD  iLoc  HHN ??? _
KOGS  1.16 184.5 Lg      14:31:53.082 -0.1  T__          ---          6948896   FDSN SL      -- BUD  iLoc  BHN ??? _
KRUC  1.45  0.3 Sn       14:32:02.558  0.2  T__          ---          6948897   FDSN CZ      -- BUD  iLoc  HHN ??? _

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/11/10 08:20:28.31  0.98  0.85 47.2280 18.2936  4.6  4.3  88  0.0f      17  10  92  0.09  1.15  kx BUD  17003490  BUD  158
2021/11/10 08:20:28.36  0.88  0.79 47.2302 18.2835f  0.0f      17  10  91  0.09  1.15  kx BUD_GT 17003491  BUD_GT 156

```

```

(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author  OrigID
ML 1.3 0.0 7 BUD_GT 17003491

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
MSW2  0.09 325.6 Pg      08:20:31.111  0.3  T__          506.2  _c_ ML      1.2 6949006   FDSN HU      -- BUD  iLoc  HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| MSW2 | 0.09 | 325.6 | Lg | 08:20:32.513 | -0.7 | T__ | | | | | | | | 6949007 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.13 | 353.3 | Pg | 08:20:32.495 | 0.8 | T__ | 407.4 | | | | | | | 6948996 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.13 | 353.3 | Lg | 08:20:33.996 | -0.8 | T__ | | | | | | | | 6948998 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.16 | 354.2 | Pg | 08:20:32.954 | 0.7 | T__ | 233.0 | | | | | | | 6949009 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.16 | 354.2 | Lg | 08:20:35.318 | -0.5 | T__ | | | | | | | | 6949008 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.19 | 325.1 | Pg | 08:20:33.194 | 0.5 | T__ | 122.1 | | | | | | | 6949010 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.19 | 325.1 | Lg | 08:20:35.799 | -0.7 | T__ | | | | | | | | 6949011 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.32 | 309.6 | Pg | 08:20:35.845 | 0.6 | T__ | 125.8 | | | | | | | 6949000 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.32 | 309.6 | Lg | 08:20:40.128 | -0.8 | T__ | | | | | | | | 6948999 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| A271A | 0.38 | 101.2 | Lg | 08:20:41.729 | -1.6 | T__ | | | | | | | | 6949012 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| HU09A | 0.41 | 9.3 | Lg | 08:20:44.010 | -0.4 | T__ | | | | | | | | 6948997 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MPLH | 0.51 | 263.5 | Pg | 08:20:39.902 | 0.9 | T__ | 58.3 | | | | | | | 6949002 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.51 | 263.5 | Lg | 08:20:46.349 | -0.7 | T__ | | | | | | | | 6949001 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.05 | 166.2 | Pg | 08:20:49.776 | 0.5 | T__ | 56.1 | | | | | | | 6949004 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.05 | 166.2 | Lg | 08:21:03.797 | -0.6 | T__ | | | | | | | | 6949003 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.15 | 186.4 | Sn | 08:21:06.953 | -0.9 | T__ | | | | | | | | 6949005 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/10 | 09:11:54.51 | 1.10 | 0.89 | 48.7918 | 19.4268 | 7.9 | 4.3 | 165 | 0.0f | | 11 | 6 | 169 | 0.49 | 0.99 | sx | BUD | 17003492 | BUD | | | 241 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.0 | 5 BUD | 17003492 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.49 | 233.0 | Pg | 09:12:05.104 | 0.5 | | | | | T__ | | 18.4 | | | ML | 0.9 | 6949089 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.49 | 233.0 | Lg | 09:12:11.232 | -0.6 | | | | | T__ | | | | | | 6949088 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.77 | 113.3 | Lg | 09:12:20.603 | -0.6 | | | | | T__ | | | | | | 6949090 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.80 | 111.5 | Pg | 09:12:11.322 | 1.1 | | | | | T__ | 81.7 | | | | ML | 1.9 | 6949092 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.80 | 111.5 | Lg | 09:12:22.045 | -0.1 | | | | | T__ | | | | | | 6949091 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.85 | 42.1 | Pn | 09:12:12.499 | -0.5 | | | | | T__ | 67.8 | | | | ML | 1.8 | 6949085 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.85 | 42.1 | Lg | 09:12:21.610 | -1.0 | | | | | T__ | | | | | | 6949086 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.93 | 160.2 | Pn | 09:12:13.660 | -0.4 | | | | | T__ | 71.2 | | | | ML | 1.9 | 6949093 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|--|--|--|--|-----|------|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| PSZ | 0.93 | 160.2 | Lg | 09:12:27.091 | -0.8 | | | | | T__ | | | | 6949094 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.99 | 132.1 | Pn | 09:12:14.536 | -0.3 | | | | | T__ | 55.8 | | ML | 1.8 | 6949084 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.99 | 132.1 | Lg | 09:12:27.806 | -1.4 | | | | | T__ | | | | | 6949087 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/10 | 09:31:20.33 | 1.27 | 0.73 | 47.5999 | 16.3782 | 7.6 | 4.4 | 143 | 0.0f | | 11 | 8 | 180 | 0.11 | 0.98 | | sx BUD | 17003494 | BUD | | | 198 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.0 | 3 BUD | 17003494 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 331.0 | Pg | 09:31:23.260 | 0.3 | | | | | T__ | | 2070.2 | | _c | ML | 1.9 | 6949126 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 331.0 | Lg | 09:31:24.914 | -0.1 | | | | | T__ | | | | | | 6949127 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.15 | 55.5 | Lg | 09:31:26.904 | 0.8 | | | | | T__ | | | | | | 6949128 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| A011B | 0.34 | 236.2 | Lg | 09:31:30.970 | -0.7 | | | | | T__ | | | | | | 6949129 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| CONA | 0.48 | 313.5 | Lg | 09:31:35.505 | -0.9 | | | | | T__ | | | | | | 6949130 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| ARSA | 0.68 | 239.3 | Lg | 09:31:41.871 | -0.1 | | | | | T__ | | | | | | 6949131 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A013A | 0.80 | 305.7 | Pg | 09:31:36.020 | 0.2 | | | | | T__ | 151.3 | | | ML | 2.1 | 6949133 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A013A | 0.80 | 305.7 | Lg | 09:31:46.654 | 0.4 | | | | | T__ | | | | | | 6949132 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.89 | 279.8 | Pg | 09:31:37.737 | 0.1 | | | | | T__ | | 88.0 | | ML | 1.9 | 6949135 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A018A | 0.89 | 279.8 | Lg | 09:31:49.257 | 0.5 | | | | | T__ | | | | | | 6949134 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.98 | 37.6 | Lg | 09:31:54.033 | -1.4 | | | | | T__ | | | | | | 6949136 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/10 | 09:36:41.21 | 1.78 | 0.19 | 46.9042 | 17.3359 | 9.6 | 8.1 | 31 | 0.0f | | 4 | 4 | 143 | 0.14 | 1.14 | | sx BUD | 17003496 | BUD | | | 240 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| A261A | 0.14 | 290.5 | Lg | 09:36:47.389 | 0.0 | | | | | T__ | | | | | | 6949158 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| MPLH | 0.30 | 27.6 | Lg | 09:36:53.055 | 0.0 | | | | | T__ | | | | | | 6949159 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| KOVH | 0.97 | 146.8 | Lg | 09:37:14.663 | 0.0 | | | | | T__ | | | | | | 6949160 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.14 | 126.9 | Sn | 09:37:19.730 | -0.2 | | | | | T__ | | | | | | 6949161 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/10 | 09:51:46.25 | 1.33 | 1.07 | 46.1315 | 18.0527 | 9.8 | 5.2 | 120 | 0.0f | | 7 | 5 | 123 | 0.05 | 1.10 | | sx BUD | 17003498 | BUD | | | 198 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.05 | 142.8 | Pg | 09:51:48.400 | 0.4 | | | | | T__ | | 946.4 | | _c_ | ML | 1.4 | 6949179 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.05 | 142.8 | Lg | 09:51:48.822 | -1.0 | | | | | T__ | | | | | | 6949181 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | |
| A273A | 0.27 | 217.5 | Lg | 09:51:56.131 | -0.2 | | | | | T__ | | | | | | 6949182 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| MORH | 0.42 | 78.3 | Pg | 09:51:55.722 | 0.6 | | | | | T__ | | 35.7 | | --- | ML | 1.0 | 6949180 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.42 | 78.3 | Lg | 09:52:01.344 | -0.6 | | | | | T__ | | | | | | 6949184 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | |
| A266A | 0.42 | 20.4 | Lg | 09:52:01.060 | -0.9 | | | | | T__ | | | | | | 6949183 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.10 | 341.4 | Sn | 09:52:22.829 | -1.4 | | | | | T__ | | | | | | 6949185 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/10 | 09:54:06.32 | 1.91 | 0.39 | 48.5371 | 18.8882 | 15.3 | 4.8 | 160 | 0.0f | | 11 | 6 | 232 | 0.06 | 1.17 | sx | BUD | 17003500 | BUD | | | 316 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.0 | 5 BUD | 17003500 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|----------------------------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VVHS | 0.06 | 218.8 | Pg | 09:54:07.689 | -0.1 | | | | | T__ | | 239.0 | | _c_ | ML | 0.8 | 6949213 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VVHS | 0.06 | 218.8 | Lg | 09:54:09.222 | 0.2 | | | | | T__ | | | | | | 6949222 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.8 magdef=1) | | | | | | | | (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | |
| PSZ | 0.91 | 132.2 | Pn | 09:54:24.825 | -0.8 | | | | | T__ | | 116.9 | | --- | ML | 2.1 | 6949214 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.91 | 132.2 | Lg | 09:54:39.086 | -0.2 | | | | | T__ | | | | | | 6949219 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | |
| ET1H | 0.93 | 134.7 | Pn | 09:54:25.240 | -0.4 | | | | | T__ | | 82.7 | | --- | ML | 1.9 | 6949215 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.93 | 134.7 | Lg | 09:54:39.612 | 0.2 | | | | | T__ | | | | | | 6949220 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | |
| KECS | 1.06 | 92.3 | Lg | 09:54:43.287 | 0.3 | | | | | T__ | | | | | | 6949221 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 1.10 | 91.5 | Pn | 09:54:27.696 | -0.3 | | | | | T__ | | 86.7 | | --- | ML | 2.0 | 6949216 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.10 | 91.5 | Lg | 09:54:44.298 | 0.2 | | | | | T__ | | | | | | 6949212 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | |
| HU02A | 1.17 | 110.2 | Pn | 09:54:29.123 | 0.0 | | | | | T__ | | 65.2 | | --- | ML | 2.0 | 6949218 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.17 | 110.2 | Sn | 09:54:47.178 | 0.1 | | | | | T__ | | | | | | 6949217 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/10 | 10:30:23.79 | 1.06 | 0.89 | 48.5354 | 20.8256 | 5.3 | 4.7 | 101 | 0.0f | | 13 | 9 | 88 | 0.19 | 1.32 | sx | BUD | 17003502 | BUD | | | 157 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 4 BUD | 17003502 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| JOS | 0.19 | 258.3 | Pg | 10:30:28.320 | 0.4 | | | | | T__ | | 411.5 | | _c_ | ML | 1.5 | 6949256 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--------|--|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| JOS | 0.19 | 258.3 | Lg | 10:30:31.020 | -0.1 | T__ | | | | | | | | | 6949260 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 257.1 | Pg | 10:30:28.894 | 0.3 | T__ | 1098.0 | | | | | | | | 6949258 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 257.1 | Lg | 10:30:32.397 | -0.0 | T__ | | | | | | | | | 6949257 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 130.8 | Lg | 10:30:37.815 | 0.0 | T__ | | | | | | | | | 6949261 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU02A | 0.46 | 206.0 | Pg | 10:30:33.929 | 0.4 | T__ | 47.6 | | | | | | | | 6949263 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 206.0 | Lg | 10:30:40.782 | -0.2 | T__ | | | | | | | | | 6949262 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.88 | 225.6 | Lg | 10:30:54.170 | -1.3 | T__ | | | | | | | | | 6949259 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 0.92 | 224.5 | Lg | 10:30:55.640 | -0.7 | T__ | | | | | | | | | 6949266 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| NIE | 0.95 | 338.8 | Pg | 10:30:42.189 | 0.5 | T__ | 42.7 | | | | | | | | 6949265 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.95 | 338.8 | Lg | 10:30:54.263 | -0.9 | T__ | | | | | | | | | 6949264 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 1.04 | 66.9 | Lg | 10:30:58.494 | -1.3 | T__ | | | | | | | | | 6949267 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.32 | 269.0 | Sn | 10:31:06.771 | -1.6 | T__ | | | | | | | | | 6949268 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/10 | 10:51:19.11 | 0.79 | 1.06 | 46.9494 | 17.3970 | 3.7 | 2.8 | 163 | 0.0f | | 33 | 24 | 68 | 0.17 | 2.01 | sx | BUD | 17003504 | BUD | | | 76 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | 0.3 | 9 BUD | 17003504 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|--------|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.17 | 271.0 | Pg | 10:51:23.022 | -0.1 | | | | | T__ | | 10435.9 | | | ML | 2.8 | 6949398 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.17 | 271.0 | Lg | 10:51:24.434 | -1.9 | | | | | T__ | | | | | | 6949400 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.24 | 23.8 | Pg | 10:51:24.773 | 0.2 | | | | | T__ | 906.3 | | | | ML | 1.9 | 6949397 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.24 | 23.8 | Lg | 10:51:29.649 | 0.7 | | | | | T__ | | | | | | 6949426 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.31 | 190.4 | Lg | 10:51:30.845 | -0.0 | | | | | T__ | | | | | | 6949401 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| TIH | 0.34 | 98.1 | Pg | 10:51:27.066 | 0.6 | | | | | T__ | 1485.1 | | | | ML | 2.4 | 6949409 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 0.34 | 98.1 | Lg | 10:51:31.815 | -0.3 | | | | | T__ | | | | | | 6949402 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.59 | 152.3 | Lg | 10:51:40.090 | 0.3 | | | | | T__ | | | | | | 6949410 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.60 | 36.5 | Lg | 10:51:41.675 | 0.3 | | | | | T__ | | | | | | 6949427 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| A262A | 0.60 | 262.2 | Lg | 10:51:38.645 | -0.9 | | | | | T__ | | | | | | 6949403 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| BEHE | 0.64 | 222.0 | Pg | 10:51:32.649 | 0.3 | | | | | T__ | 331.3 | | | | ML | 2.4 | 6949411 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.64 | 222.0 | Lg | 10:51:40.790 | -0.4 | | | | | T__ | | | | | | 6949404 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.72 | 54.6 | Lg | 10:51:45.230 | -0.6 | | | | | T__ | | | | | | 6949429 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A266A | 0.73 | 125.1 | Lg | 10:51:44.028 | -0.8 | | | | | T__ | | | | | | 6949428 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A267A | 0.74 | 89.8 | Lg | 10:51:45.081 | -1.1 | | | | | T__ | | | | | | 6949405 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOGS | 0.94 | 238.0 | Pg | 10:51:37.706 | 0.2 | | | | | T__ | 95.7 | | | | ML | 2.0 | 6949407 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| KOGS | 0.94 | 238.0 | Lg | 10:51:50.278 | 0.6 | T__ | | | | | | | | 6949406 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.96 | 43.9 | Pg | 10:51:38.123 | -0.4 | T__ | 316.3 | | | | | | | 6949412 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.96 | 43.9 | Sn | 10:51:51.083 | -3.0 | T__ | | | | | | | | 6949408 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.99 | 150.3 | Pn | 10:51:38.632 | -0.4 | T__ | 104.4 | | | | | | | 6949413 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.99 | 150.3 | Lg | 10:51:51.505 | -1.6 | T__ | | | | | | | | 6949430 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.06 | 315.5 | Lg | 10:51:54.485 | 0.2 | T__ | | | | | | | | 6949431 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| A011B | 1.08 | 295.6 | Lg | 10:51:54.333 | 0.4 | T__ | | | | | | | | 6949414 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ |
| MORH | 1.13 | 130.1 | Pn | 10:51:42.166 | 1.2 | T__ | 65.3 | | | | | | | 6949416 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.13 | 130.1 | Sn | 10:51:57.341 | -0.4 | T__ | | | | | | | | 6949415 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.32 | 283.9 | Pn | 10:51:44.774 | 0.7 | T__ | 93.8 | | | | | | | 6949418 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 1.32 | 283.9 | Lg | 10:52:01.168 | 0.2 | T__ | | | | | | | | 6949417 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.43 | 313.8 | Sn | 10:52:05.839 | 0.4 | T__ | | | | | | | | 6949419 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| CRES | 1.75 | 230.8 | Sn | 10:52:14.683 | 1.6 | T__ | | | | | | | | 6949420 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| VYHS | 1.83 | 31.6 | Sn | 10:52:16.529 | 0.7 | T__ | | | | | | | | 6949421 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 1.92 | 60.1 | Sn | 10:52:19.465 | 1.8 | T__ | | | | | | | | 6949422 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| PSZ | 1.95 | 59.3 | Sn | 10:52:19.954 | 1.0 | T__ | | | | | | | | 6949423 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| OBKA | 2.01 | 258.4 | Lg | 10:52:25.461 | 1.7 | T__ | | | | | | | | 6949424 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/10 | 10:59:47.52 | 0.89 | 0.66 | 46.8605 | 17.3631 | 4.4 | 3.6 | 58 | 0.0f | | 22 | 18 | 61 | 0.17 | 1.68 | sx | BUD | 17003506 | BUD | | | 92 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | 0.3 | 4 BUD | 17003506 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.17 | 302.0 | Pg | 10:59:51.673 | 0.0 | | | | | T__ | | 6017.5 | | | ML | 2.6 | 6949486 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.17 | 302.0 | Lg | 10:59:53.827 | -1.1 | | | | | T__ | | | | | | 6949488 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.22 | 188.6 | Lg | 10:59:55.378 | -1.0 | | | | | T__ | | | | | | 6949489 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.33 | 21.2 | Lg | 11:00:00.280 | -0.2 | | | | | T__ | | | | | | 6949490 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A265A | 0.53 | 145.5 | Lg | 11:00:06.289 | 0.1 | | | | | T__ | | | | | | 6949492 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| BEHE | 0.56 | 226.2 | Lg | 11:00:06.150 | -1.0 | | | | | T__ | | | | | | 6949491 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A260A | 0.62 | 313.5 | Lg | 11:00:08.587 | -0.3 | | | | | T__ | | | | | | 6949493 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.69 | 33.6 | Lg | 11:00:12.298 | -0.5 | | | | | T__ | | | | | | 6949495 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| A264A | 0.70 | 184.2 | Lg | 11:00:11.467 | 0.0 | | | | | T__ | | | | | | 6949494 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A267A | 0.77 | 83.2 | Lg | 11:00:15.012 | -0.6 | | | | | T__ | | | | | | 6949496 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOGS | 0.87 | 242.1 | Pg | 11:00:05.153 | 0.4 | | | | | T__ | | 129.1 | | | ML | 2.1 | 6949498 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.87 | 242.1 | Lg | 11:00:16.120 | 0.0 | | | | | T__ | | | | | | 6949497 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.93 | 146.3 | Pg | 11:00:06.704 | 0.5 | | | | | T__ | | 72.8 | | | ML | 1.9 | 6949500 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-----|---------|------|----|-----|---------|------|-----|-----|-----|------|-----|-----|---|
| KOVH | 0.93 | 146.3 | Lg | 11:00:19.276 | 0.3 | T__ | --- | 6949499 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.09 | 125.7 | Sn | 11:00:24.760 | -0.5 | T__ | --- | 6949503 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | |
| A011B | 1.10 | 300.3 | Lg | 11:00:24.040 | 1.0 | T__ | --- | 6949501 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | | | | |
| RONA | 1.11 | 319.5 | Lg | 11:00:24.593 | 0.3 | T__ | --- | 6949502 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | | | |
| ARSA | 1.32 | 287.9 | Lg | 11:00:30.243 | 0.8 | T__ | --- | 6949504 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | | | |
| PTJ | 1.36 | 225.9 | Pn | 11:00:13.406 | 0.1 | T__ | --- | 99.0 | --- | ML | 2.3 | 6949506 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 1.36 | 225.9 | Sn | 11:00:31.129 | -1.2 | T__ | --- | 6949505 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | | | | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.48 | 316.9 | Sn | 11:00:35.338 | 0.4 | T__ | --- | 6949507 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | | | |
| CRES | 1.68 | 232.6 | Sn | 11:00:40.323 | 0.7 | T__ | --- | 6949508 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/11/10 | 11:03:51.68 | 0.92 | 0.57 | 48.4921 | 19.3926 | 5.8 | 3.4 | 10 | 0.0f | 14 | 8 | 121 | 0.37 | 1.25 | sx | BUD | 17003508 | BUD | | | | 240 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.8 | 0.0 | 6 BUD | 17003508 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| VYHS | 0.37 | 270.5 | Pg | 11:03:59.715 | 0.4 | | | | | T__ | | 25.4 | | --- | ML | 0.7 | 6949550 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.37 | 270.5 | Lg | 11:04:04.091 | -0.9 | | | | | T__ | | | | --- | | 6949549 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.67 | 149.5 | Pg | 11:04:06.453 | 0.6 | | | | | T__ | 85.5 | | | --- | ML | 1.8 | 6949547 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.67 | 149.5 | Lg | 11:04:15.717 | -0.4 | | | | | T__ | | | | --- | | 6949551 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.69 | 152.2 | Pg | 11:04:06.809 | 0.5 | | | | | T__ | 74.9 | | | --- | ML | 1.8 | 6949553 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.69 | 152.2 | Lg | 11:04:16.557 | -0.0 | | | | | T__ | | | | --- | | 6949552 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.73 | 90.3 | Pg | 11:04:06.308 | 0.1 | | | | | T__ | 161.2 | | | --- | ML | 2.1 | 6949545 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.73 | 90.3 | Lg | 11:04:17.219 | 0.1 | | | | | T__ | | | | --- | | 6949554 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.76 | 89.3 | Pg | 11:04:06.849 | 0.0 | | | | | T__ | 65.9 | | | --- | ML | 1.7 | 6949543 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.76 | 89.3 | Lg | 11:04:18.078 | -0.2 | | | | | T__ | | | | --- | | 6949544 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.84 | 115.7 | Pg | 11:04:08.962 | -0.1 | | | | | T__ | 54.5 | | | --- | ML | 1.7 | 6949546 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.84 | 115.7 | Lg | 11:04:20.814 | -1.3 | | | | | T__ | | | | --- | | 6949555 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.10 | 32.5 | Lg | 11:04:28.800 | 0.2 | | | | | T__ | | | | --- | | 6949556 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| ABAH | 1.25 | 98.4 | Sn | 11:04:33.524 | -0.3 | | | | | T__ | | | | --- | | 6949548 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/11/10 | 12:22:17.51 | 1.04 | 1.09 | 47.5537 | 18.4759 | 7.0 | 3.5 | 106 | 0.0f | 8 | 5 | 166 | 0.11 | 0.97 | kx | BUD | 17003510 | BUD | | | | 272 |

2021/11/10 12:22:17.66 0.93 0.90 47.5600 18.4573f 0.0f 8 5 161 0.09 0.97 kx BUD_GT 17003511 BUD_GT 274
 (locality : Tatabánya Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.2 3 BUD_GT 17003511

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 12:22:21.025 | 0.9 | | | | | T__ | | 1102.7 | | --- | ML | 1.6 | 6949586 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 12:22:22.064 | -0.4 | | | | | T__ | | | | --- | | 6949592 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 12:22:23.448 | 0.5 | | | | | T__ | | 176.9 | | --- | ML | 1.2 | 6949587 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 12:22:26.397 | -1.2 | | | | | T__ | | | | --- | | 6949593 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SRO | 0.27 | 339.1 | Lg | 12:22:27.469 | -1.1 | | | | | T__ | | | | --- | | 6949588 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU10A | 0.47 | 52.8 | Lg | 12:22:34.646 | -1.0 | | | | | T__ | | | | --- | | 6949589 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.97 | 15.1 | Pn | 12:22:37.769 | 0.1 | | | | | T__ | | 26.9 | | --- | ML | 1.5 | 6949591 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.97 | 15.1 | Lg | 12:22:50.674 | -0.9 | | | | | T__ | | | | --- | | 6949590 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/11/10 12:39:51.03 0.94 0.55 48.3883 17.3133 6.9 3.0 134 0.0f 9 6 132 0.03 1.02 sx BUD 17003512 BUD 189

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.03 | 238.5 | Pg | 12:39:52.106 | -0.1 | | | | | T__ | | | | _c_ | | 6949616 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.03 | 238.5 | Lg | 12:39:54.239 | 0.6 | | | | | T__ | | | | --- | | 6949622 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| ZST | 0.24 | 216.3 | Pg | 12:39:56.636 | 0.3 | | | | | T__ | | | | --- | | 6949623 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.24 | 216.3 | Lg | 12:40:00.125 | -0.4 | | | | | T__ | | | | --- | | 6949624 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.53 | 26.6 | Pg | 12:40:02.526 | 0.4 | | | | | T__ | | 146.0 | | --- | ML | 1.9 | 6949618 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.53 | 26.6 | Lg | 12:40:09.782 | -0.8 | | | | | T__ | | | | --- | | 6949617 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.91 | 318.3 | Lg | 12:40:21.753 | -0.1 | | | | | T__ | | | | --- | | 6949619 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| RONA | 0.97 | 225.1 | Lg | 12:40:22.665 | -0.3 | | | | | T__ | | | | --- | | 6949620 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.02 | 83.5 | Lg | 12:40:25.939 | -0.4 | | | | | T__ | | | | --- | | 6949621 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/11/11 07:51:45.96 1.44 1.39 47.3933 18.3731 11.8 4.4 124 0.0f 10 8 107 0.08 1.19 sx BUD 17003518 BUD 166

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.08 | 269.7 | Lg | 07:51:50.131 | -0.3 | | | | | T__ | | | | --- | | 6949833 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.08 | 248.5 | Pg | 07:51:48.853 | 0.6 | | | | | T__ | | 1117.1 | | _c_ | ML | 1.6 | 6949826 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.08 | 248.5 | Lg | 07:51:49.663 | -0.9 | | | | | T__ | | | | --- | | 6949827 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MSW2 0.14 230.5 Pg 07:51:50.090 0.7 T__ 166.7 ___ ML 0.9 6949835 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.14 230.5 Lg 07:51:51.577 -1.1 T__ ___ 6949834 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
HU09A 0.25 1.5 Lg 07:51:55.930 -0.2 T__ ___ 6949828 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.12 63.8 Sn 07:52:23.755 -1.4 T__ ___ 6949829 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.14 15.6 Lg 07:52:24.966 -0.9 T__ ___ 6949832 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.15 62.4 Sn 07:52:24.269 -2.2 T__ ___ 6949830 FDSN GE -- BUD iLoc HHN ??? _
MORH 1.19 170.9 Sn 07:52:24.803 -1.7 T__ ___ 6949831 FDSN HU -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/11 08:10:40.70 1.76 1.42 47.7737 19.8537 11.2 4.4 168 0.0f 15 10 217 0.11 1.67 kx BUD 17003520 BUD 247
2021/11/11 08:10:41.19 0.81 1.63 47.8362 19.9346f 0.0f 15 10 209 0.06 1.60 kx BUD_GT 17003521 BUD_GT 225
(locality : Gyöngyössolymos Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.9 0.0 5 BUD_GT 17003521

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ET1H 0.06 315.2 Pg 08:10:44.710 1.7 T__ 3159.0 _c ML 2.0 6949903 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.06 315.2 Lg 08:10:45.344 0.6 T__ ___ 6949904 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
PSZ 0.09 341.8 Pg 08:10:45.293 1.6 T__ 2287.8 ___ ML 1.9 6949893 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.09 341.8 Lg 08:10:46.166 0.1 T__ ___ 6949905 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU03A 0.24 286.8 Lg 08:10:48.978 -1.5 T__ ___ 6949900 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.49 54.0 Pn 08:10:53.099 -2.3 T__ 57.7 ___ ML 1.4 6949906 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.49 54.0 Lg 08:11:00.204 0.5 T__ ___ 6949894 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU10A 0.62 271.2 Lg 08:11:00.776 -3.3 T__ ___ 6949895 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.75 29.5 Sn 08:11:09.144 -1.9 T__ ___ 6949901 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.77 31.3 Pn 08:10:59.446 1.3 T__ 88.7 ___ ML 1.9 6949907 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.77 31.3 Lg 08:11:09.554 1.1 T__ ___ 6949902 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS 0.99 312.2 Pn 08:11:01.338 -0.0 T__ 23.1 ___ ML 1.4 6949897 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.99 312.2 Lg 08:11:13.744 -1.8 T__ ___ 6949896 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
ABAH 0.99 61.8 Sn 08:11:16.863 -0.1 T__ ___ 6949898 FDSN HU -- BUD iLoc HHN ??? _
NIE 1.60 8.6 Lg 08:11:36.124 1.5 T__ ___ 6949899 FDSN PL -- BUD iLoc BHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/11 08:42:22.55 0.98 1.44 46.4639 22.4392 6.8 4.2 130 0.0f 11 6 139 0.38 1.38 sx BUD 17003524 BUD 181

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Magnitude Err Nsta Author OrigID
 ML 1.9 0.2 5 BUD 17003524

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| DRGR | 0.38 | 29.7 | Pg | 08:42:31.018 | 0.6 | | | | | T__ | | 79.7 | | --- | ML | 1.3 6949968 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.38 | 29.7 | Lg | 08:42:35.740 | -1.1 | | | | | T__ | | | | --- | | 6949969 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.57 | 250.3 | Pg | 08:42:35.000 | 0.6 | | | | | T__ | | 46.9 | | --- | ML | 1.5 6949972 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.57 | 250.3 | Lg | 08:42:41.535 | -1.8 | | | | | T__ | | | | --- | | 6949971 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 0.84 | 72.2 | Lg | 08:42:50.702 | -1.3 | | | | | T__ | | | | --- | | 6949970 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| BZS | 1.02 | 214.4 | Pg | 08:42:42.758 | 0.3 | | | | | T__ | | 64.7 | | --- | ML | 1.9 6949974 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.02 | 214.4 | Lg | 08:42:56.327 | -0.4 | | | | | T__ | | | | --- | | 6949973 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.10 | 167.5 | Pg | 08:42:44.577 | 1.2 | | | | | T__ | | 78.7 | | --- | ML | 2.0 6949975 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.10 | 167.5 | Lg | 08:42:57.980 | -0.7 | | | | | T__ | | | | --- | | 6949976 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.38 | 137.1 | Pg | 08:42:48.906 | 0.1 | | | | | T__ | | 63.6 | | --- | ML | 2.1 6949977 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.38 | 137.1 | Lg | 08:43:05.909 | -2.7 | | | | | T__ | | | | --- | | 6949978 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/11/11 09:33:25.52 2.58 0.86 48.8887 21.1505 16.9 8.1 74 0.0f 8 6 220 0.56 1.32 sx BUD 17003526 BUD 306

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| JOS | 0.56 | 226.1 | Pg | 09:33:36.730 | -0.0 | | | | | T__ | | 64.6 | | --- | ML | 1.6 6950067 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.56 | 226.1 | Lg | 09:33:45.120 | -0.2 | | | | | T__ | | | | --- | | 6950066 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.60 | 174.3 | Lg | 09:33:47.157 | -0.2 | | | | | T__ | | | | --- | | 6950070 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| KECS | 0.60 | 227.6 | Pg | 09:33:38.324 | 0.8 | | | | | T__ | | 171.6 | | --- | ML | 2.1 6950068 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.60 | 227.6 | Lg | 09:33:46.174 | -0.3 | | | | | T__ | | | | --- | | 6950069 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.77 | 313.8 | Lg | 09:33:50.470 | -0.6 | | | | | T__ | | | | --- | | 6950071 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| HU02A | 0.87 | 208.7 | Lg | 09:33:55.373 | -1.5 | | | | | T__ | | | | --- | | 6950072 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| ET1H | 1.32 | 220.6 | Sn | 09:34:10.223 | 0.6 | | | | | T__ | | | | --- | | 6950073 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/11/11 10:07:52.11 1.15 1.07 48.5340 20.8226 6.1 5.3 115 0.0f 11 8 151 0.19 1.32 sx BUD 17003528 BUD 226

Magnitude Err Nsta Author OrigID

ML 1.6 0.3 3 BUD 17003528

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 258.6 | Pg | 10:07:56.855 | 0.7 | | | | | T__ | | 206.5 | | ___ | ML | 1.1 | 6950164 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 258.6 | Lg | 10:07:59.098 | -0.2 | | | | | T__ | | | | --- | | 6950165 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 257.4 | Pg | 10:07:57.464 | 0.6 | | | | | T__ | | 684.1 | | ___ | ML | 1.8 | 6950167 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 257.4 | Lg | 10:08:00.316 | -0.3 | | | | | T__ | | | | --- | | 6950166 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 130.4 | Lg | 10:08:05.855 | -0.3 | | | | | T__ | | | | --- | | 6950168 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.46 | 205.8 | Lg | 10:08:08.846 | -0.4 | | | | | T__ | | | | --- | | 6950169 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.87 | 225.6 | Lg | 10:08:22.332 | -1.4 | | | | | T__ | | | | --- | | 6950170 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.91 | 224.5 | Lg | 10:08:23.495 | -1.1 | | | | | T__ | | | | --- | | 6950173 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.95 | 338.9 | Pg | 10:08:10.424 | 0.4 | | | | | T__ | | 36.4 | | --- | ML | 1.6 | 6950172 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.95 | 338.9 | Lg | 10:08:22.304 | -1.2 | | | | | T__ | | | | --- | | 6950171 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.32 | 269.0 | Sn | 10:08:34.849 | -1.8 | | | | | T__ | | | | --- | | 6950174 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/11 | 10:49:09.84 | 1.22 | 1.01 | 47.3454 | 18.3929 | 6.8 | 4.5 | 90 | 0.0f | | 16 | 11 | 109 | 0.09 | 1.27 | sx | BUD | 17003530 | BUD | | | 127 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 5 BUD | 17003530 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 281.2 | Pg | 10:49:12.646 | 0.3 | | | | | T__ | | 2278.8 | | _c_ | ML | 1.9 | 6950259 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 281.2 | Lg | 10:49:14.335 | -0.5 | | | | | T__ | | | | --- | | 6950265 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.10 | 297.6 | Pg | 10:49:13.027 | 0.5 | | | | | T__ | | 1145.5 | | ___ | ML | 1.6 | 6950270 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.10 | 297.6 | Lg | 10:49:14.527 | -0.6 | | | | | T__ | | | | --- | | 6950271 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.13 | 250.9 | Pg | 10:49:13.919 | 0.8 | | | | | T__ | | 285.0 | | ___ | ML | 1.1 | 6950273 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.13 | 250.9 | Lg | 10:49:15.338 | -0.8 | | | | | T__ | | | | --- | | 6950272 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.19 | 281.8 | Lg | 10:49:17.202 | -0.7 | | | | | T__ | | | | --- | | 6950274 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU09A | 0.29 | 358.6 | Lg | 10:49:21.147 | -0.5 | | | | | T__ | | | | --- | | 6950260 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.33 | 285.3 | Lg | 10:49:21.830 | -1.0 | | | | | T__ | | | | --- | | 6950261 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.13 | 61.4 | Sn | 10:49:48.274 | -1.0 | | | | | T__ | | | | --- | | 6950267 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.14 | 171.2 | Pn | 10:49:32.865 | 1.1 | | | | | T__ | | 45.9 | | --- | ML | 1.8 | 6950262 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.14 | 171.2 | Lg | 10:49:47.652 | -1.5 | | | | | T__ | | | | --- | | 6950266 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.17 | 60.0 | Sn | 10:49:49.297 | -1.3 | | | | | T__ | | | | --- | | 6950268 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.19 | 14.4 | Pn | 10:49:33.886 | 1.1 | | | | | T__ | | 19.8 | | --- | ML | 1.5 | 6950264 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.19 | 14.4 | Sn | 10:49:50.003 | -1.1 | | | | | T__ | | | | --- | | 6950263 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 1.5 magdef=1
 KOVH 1.27 189.2 Sn 10:49:51.462 -0.9 T__ --- 6950269 FDSN HU -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/11/11 | 10:56:21.62 | 0.91 | 1.42 | 48.2174 | 21.2241 | 5.3 | 3.9 | 176 | 0.0f | 22 | 14 | 78 | 0.08 | 1.97 | kx | BUD | 17003532 | BUD | | | | 98 |
| 2021/11/11 | 10:56:21.49 | 0.86 | 1.20 | 48.2470 | 21.2460f | | | | 0.0f | 22 | 14 | 76 | 0.05 | 2.00 | kx | BUD_GT | 17003533 | BUD_GT | | | | 102 |

(locality : Tallya Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 2.1 | 0.0 | 7 BUD_GT | 17003533 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 10:56:23.686 | 0.6 | | | | | T__ | | 11227.5 | | _c_ | ML | 2.5 | 6950321 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 10:56:24.344 | -0.3 | | | | | T__ | | | | --- | | 6950324 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 10:56:32.088 | 0.0 | | | | | T__ | | 98.6 | | --- | ML | 1.7 | 6950326 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 10:56:38.789 | -1.4 | | | | | T__ | | | | --- | | 6950325 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 0.52 | 120.5 | Lg | 10:56:39.667 | -1.7 | | | | | T__ | | | | --- | | 6950327 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.53 | 298.1 | Lg | 10:56:40.322 | -0.1 | | | | | T__ | | | | --- | | 6950328 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.56 | 295.3 | Pg | 10:56:33.427 | 0.7 | | | | | T__ | 188.6 | | | --- | ML | 2.1 | 6950322 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 10:56:40.984 | -0.3 | | | | | T__ | | | | --- | | 6950329 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Pn | 10:56:39.618 | -0.2 | | | | | T__ | | 131.7 | | --- | ML | 2.1 | 6950331 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 10:56:51.332 | -1.6 | | | | | T__ | | | | --- | | 6950330 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 10:56:41.543 | 0.2 | | | | | T__ | 108.5 | | | --- | ML | 2.1 | 6950333 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 10:56:54.337 | -1.9 | | | | | T__ | | | | --- | | 6950332 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 10:56:42.293 | 0.9 | | | | | T__ | | | | --- | | 6950336 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.97 | 44.4 | Lg | 10:56:54.699 | -1.1 | | | | | T__ | | | | --- | | 6950335 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| LTVH | 0.97 | 152.7 | Lg | 10:56:54.283 | -1.8 | | | | | T__ | | | | --- | | 6950334 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.99 | 248.7 | Pg | 10:56:42.409 | 0.2 | | | | | T__ | 73.2 | | | --- | ML | 1.9 | 6950323 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 10:56:55.259 | -1.5 | | | | | T__ | | | | --- | | 6950337 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.33 | 332.3 | Pg | 10:56:48.409 | 1.8 | | | | | T__ | 46.7 | | | --- | ML | 1.9 | 6950339 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.33 | 332.3 | Lg | 10:57:05.302 | -0.8 | | | | | T__ | | | | --- | | 6950338 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.63 | 279.6 | Sn | 10:57:14.030 | 0.7 | | | | | T__ | | | | --- | | 6950340 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| DRGR | 1.76 | 145.2 | Sn | 10:57:16.140 | -0.4 | | | | | T__ | | | | --- | | 6950341 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| SIRR | 2.00 | 171.8 | Sn | 10:57:23.909 | 2.4 | | | | | T__ | | | | --- | | 6950342 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/11 | 11:06:11.85 | 1.03 | 1.11 | 48.3233 | 19.8479 | 5.4 | 4.2 | 135 | 0.0f | 12 | 10 | 83 | 0.41 | 1.54 | sx | BUD | 17003534 | BUD | | | | 137 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.41 | 175.6 | Lg | 11:06:28.689 | 1.2 | | | | | T__ | | | | | | 6950380 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.44 | 178.0 | Lg | 11:06:27.707 | -0.7 | | | | | T__ | | | | | | 6950381 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU03A | 0.45 | 201.7 | Lg | 11:06:27.818 | -0.6 | | | | | T__ | | | | | | 6950382 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.45 | 69.1 | Pg | 11:06:21.710 | 0.6 | | | | | T__ | 238.5 | | | --- | ML | 1.9 | 6950378 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.45 | 69.1 | Lg | 11:06:28.356 | 0.3 | | | | | T__ | | | | | | 6950377 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.49 | 69.2 | Pg | 11:06:22.375 | 0.6 | | | | | T__ | 148.2 | | | _c_ | ML | 1.8 | 6950379 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.49 | 69.2 | Lg | 11:06:28.815 | -0.5 | | | | | T__ | | | | | | 6950383 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 113.7 | Lg | 11:06:28.815 | -1.6 | | | | | T__ | | | | | | 6950384 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.70 | 284.6 | Lg | 11:06:35.461 | -0.8 | | | | | T__ | | | | | | 6950385 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.93 | 91.2 | Lg | 11:06:42.883 | -1.9 | | | | | T__ | | | | | | 6950386 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 1.14 | 15.1 | Lg | 11:06:49.529 | -0.4 | | | | | T__ | | | | | | 6950387 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| JAVC | 1.54 | 291.2 | Sn | 11:07:01.603 | -1.0 | | | | | T__ | | | | | | 6950388 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/11/12 | 07:05:31.73 | 1.11 | 0.82 | 47.8339 | 19.1140 | 11.7 | 4.1 | 3 | 0.0f | 10 | 7 | 195 | 0.07 | 1.16 | kx | BUD | 17003544 | BUD | | | | 259 |
| 2021/11/12 | 07:05:31.62 | 0.93 | 0.55 | 47.8355 | 19.1270f | | | | 0.0f | 10 | 7 | 192 | 0.07 | 1.15 | kx | BUD_GT | 17003545 | BUD_GT | | | | 258 |

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.9 | 0.1 | 3 BUD_GT | 17003545 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|--------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 07:05:33.878 | 0.3 | | | | | T__ | 1079.6 | | | --- | ML | 1.5 | 6950723 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 07:05:34.598 | -0.9 | | | | | T__ | | | | | | 6950731 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.33 | 77.7 | Lg | 07:05:44.772 | 0.7 | | | | | T__ | | | | | | 6950724 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.50 | 84.8 | Lg | 07:05:50.289 | -0.0 | | | | | T__ | | | | | | 6950725 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.52 | 80.6 | Lg | 07:05:51.062 | -0.4 | | | | | T__ | | | | | | 6950726 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.69 | 343.6 | Lg | 07:05:55.794 | -0.1 | | | | | T__ | | | | | | 6950722 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.98 | 72.5 | Pg | 07:05:52.021 | 0.1 | | | | | T__ | 64.9 | | | --- | ML | 1.9 | 6950728 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 72.5 | Lg | 07:06:06.421 | -1.0 | | | | | T__ | | | | | | 6950727 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.15 | 54.5 | Pg | 07:05:54.604 | 0.1 | | | | | T__ | 60.0 | | | --- | ML | 1.9 | 6950729 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.15 | 54.5 | Sn | 07:06:11.164 | -0.4 | | | | | T__ | | | | | | 6950730 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/12 | 08:36:15.44 | 0.95 | 0.57 | 48.8272 | 16.1521 | 10.8 | 3.9 | 119 | 0.0f | | 13 | 9 | 131 | 0.28 | 1.63 | sx | BUD | 17003548 | BUD | | | 149 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.2 | 4 BUD | 17003548 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KRUC | 0.28 | 34.2 | Pg | 08:36:21.169 | 0.1 | | | | | T__ | | 114.4 | | ___ | ML | 1.1 | 6950797 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.28 | 34.2 | Lg | 08:36:25.102 | -0.3 | | | | | T__ | | | | --- | | 6950798 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 0.56 | 30.9 | Lg | 08:36:34.175 | -0.3 | | | | | T__ | | | | --- | | 6950799 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 0.92 | 192.3 | Pg | 08:36:33.291 | -0.3 | | | | | T__ | | 86.9 | | ___ | ML | 2.0 | 6950793 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.92 | 192.3 | Lg | 08:36:45.670 | 0.0 | | | | | T__ | | | | --- | | 6950794 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.13 | 175.1 | Lg | 08:36:52.157 | -0.4 | | | | | T__ | | | | --- | | 6950795 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CKRC | 1.22 | 270.3 | Lg | 08:36:54.542 | -0.5 | | | | | T__ | | | | --- | | 6950800 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| AO18A | 1.30 | 213.9 | Pg | 08:36:40.275 | -0.4 | | | | | T__ | | 53.6 | | ___ | ML | 2.0 | 6950801 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| AO18A | 1.30 | 213.9 | Lg | 08:36:58.109 | 1.2 | | | | | T__ | | | | --- | | 6950796 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORC | 1.32 | 43.2 | Pg | 08:36:40.270 | 0.4 | | | | | T__ | | 89.6 | | ___ | ML | 2.2 | 6950802 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.32 | 43.2 | Lg | 08:36:57.883 | -0.3 | | | | | T__ | | | | --- | | 6950803 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRU | 1.57 | 318.5 | Sn | 08:37:05.577 | 0.6 | | | | | T__ | | | | --- | | 6950804 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 1.63 | 195.2 | Sn | 08:37:07.382 | 0.7 | | | | | T__ | | | | --- | | 6950805 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/12 | 09:10:06.69 | 1.22 | 1.08 | 47.3908 | 18.3856 | 10.6 | 4.0 | 138 | 0.0f | | 17 | 11 | 107 | 0.09 | 1.45 | sx | BUD | 17003550 | BUD | | | 185 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 6 BUD | 17003550 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.09 | 252.0 | Pg | 09:10:09.490 | 0.4 | | | | | T__ | | 5154.7 | | _c_ | ML | 2.3 | 6950852 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.09 | 252.0 | Lg | 09:10:11.123 | -0.4 | | | | | T__ | | | | --- | | 6950854 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.25 | 359.5 | Lg | 09:10:16.652 | -0.2 | | | | | T__ | | | | --- | | 6950855 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.32 | 277.5 | Pg | 09:10:14.220 | 0.7 | | | | | T__ | | 364.2 | | ___ | ML | 1.7 | 6950857 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.32 | 277.5 | Lg | 09:10:18.208 | -1.0 | | | | | T__ | | | | --- | | 6950856 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.62 | 249.3 | Pg | 09:10:19.757 | 0.4 | | | | | T__ | | 95.0 | | ___ | ML | 1.8 | 6950859 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.62 | 249.3 | Lg | 09:10:27.787 | -1.0 | | | | | T__ | | | | --- | | 6950858 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.62 | 43.1 | Lg | 09:10:29.328 | -0.7 | | | | | T__ | | | | --- | | 6950860 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.12 | 63.5 | Pn | 09:10:29.577 | 1.1 | | | | | T__ | | 55.9 | | ___ | ML | 1.9 | 6950862 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.12 | 63.5 | Sn | 09:10:44.586 | -1.2 | | | | | T__ | | | | --- | | 6950861 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS 1.14 15.2 Pn 09:10:30.403 1.3 T__ 33.1 ___ ML 1.7 6950853 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.14 15.2 Lg 09:10:45.551 -1.0 T__ ___ 6950866 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
PSZ 1.15 62.1 Pn 09:10:29.544 0.4 T__ 78.5 ___ ML 2.0 6950863 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.15 62.1 Sn 09:10:45.218 -1.8 T__ ___ 6950864 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MORH 1.19 171.3 Sn 09:10:45.403 -1.8 T__ ___ 6950865 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.23 323.2 Sn 09:10:48.192 -0.9 T__ ___ 6950867 FDSN SK -- BUD iLoc HHN ??? _
RONA 1.45 283.1 Sn 09:10:54.018 0.3 T__ ___ 6950868 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/12 09:21:39.29 1.15 1.22 48.5307 20.8327 6.0 5.2 106 0.0f 12 8 152 0.20 1.33 sx BUD 17003552 BUD 228

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.3 4 BUD 17003552

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.20 260.0 Pg 09:21:44.402 0.9 T__ 289.1 ___ ML 1.3 6950948 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 260.0 Lg 09:21:46.811 0.1 T__ ___ 6950951 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.24 258.5 Pg 09:21:44.987 0.8 T__ 867.9 ___ ML 1.9 6950949 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.24 258.5 Lg 09:21:47.811 -0.2 T__ ___ 6950950 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ABAH 0.36 130.7 Lg 09:21:53.340 0.3 T__ ___ 6950952 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.46 206.8 Lg 09:21:55.980 -0.5 T__ ___ 6950953 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.88 226.0 Pg 09:21:57.184 -0.6 T__ 73.0 ___ ML 1.9 6950955 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.88 226.0 Lg 09:22:09.147 -1.8 T__ ___ 6950954 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.92 225.0 Lg 09:22:10.638 -1.2 T__ ___ 6950958 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.96 338.6 Pg 09:21:57.492 0.2 T__ 30.6 ___ ML 1.5 6950956 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.96 338.6 Lg 09:22:09.510 -1.4 T__ ___ 6950957 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 1.33 269.2 Sn 09:22:21.877 -2.1 T__ ___ 6950959 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/12 09:30:00.03 0.88 0.82 48.5149 17.5075 5.1 3.1 133 0.0f 12 8 129 0.21 1.25 sx BUD 17003554 BUD 203

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 3 BUD 17003554

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.21 227.4 Pg 09:30:04.393 -0.4 T__ ___ 6950989 FDSN SK -- BUD iLoc HHZ ??? _

```

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|------|---------|---------|------|------|-----|------|------|-----|-----|---|
| MODS | 0.21 | 227.4 | Lg | 09:30:08.187 | -0.5 | T__ | | | | | | | | 6950990 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | | |
| JAVC | 0.36 | 17.4 | Pg | 09:30:07.453 | -0.4 | T__ | 204.7 | | | | | | | --- | ML | 1.6 | 6950991 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.36 | 17.4 | Lg | 09:30:13.269 | -0.6 | T__ | | | | | | | | --- | | 6950993 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.42 | 220.4 | Lg | 09:30:15.034 | -0.5 | T__ | | | | | | | | | | 6950994 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.88 | 90.9 | Pg | 09:30:18.492 | 0.6 | T__ | 31.8 | | | | | | | | ML | 1.5 | 6950996 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VVHS | 0.88 | 90.9 | Lg | 09:30:30.123 | -0.6 | T__ | | | | | | | | | | 6950995 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.92 | 307.1 | Lg | 09:30:31.276 | 0.2 | T__ | | | | | | | | | | 6950992 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| VRAC | 1.00 | 323.1 | Lg | 09:30:34.498 | 0.9 | T__ | | | | | | | | | | 6950997 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.15 | 225.3 | Lg | 09:30:38.584 | 0.8 | T__ | | | | | | | | | | 6950998 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.25 | 242.5 | Pn | 09:30:25.734 | 1.3 | T__ | 67.8 | | | | | | | | ML | 2.0 | 6951000 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.25 | 242.5 | Lg | 09:30:41.574 | 0.9 | T__ | | | | | | | | | | 6950999 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/12 | 09:34:22.82 | 1.06 | 1.00 | 48.9755 | 16.4873 | 8.3 | 4.2 | 100 | 0.0f | | 13 | 8 | 145 | 0.11 | 1.55 | sx | BUD | 17003556 | BUD | | | 173 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.1 | 0.0 | 5 BUD | 17003556 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KRUC | 0.11 | 325.0 | Pg | 09:34:25.569 | 0.6 | | | | | T__ | | 653.7 | | | _c_ ML | 1.4 | 6951035 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.11 | 325.0 | Lg | 09:34:26.510 | -0.2 | | | | | T__ | | | | | | 6951034 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 0.34 | 11.8 | Lg | 09:34:33.559 | -0.9 | | | | | T__ | | | | | | 6951036 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| MORC | 1.06 | 40.3 | Lg | 09:34:57.058 | -0.2 | | | | | T__ | | | | | | 6951037 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.13 | 201.9 | Pg | 09:34:45.341 | 0.3 | | | | | T__ | 95.3 | | | | ML | 2.1 | 6951031 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.13 | 201.9 | Lg | 09:34:59.658 | 0.0 | | | | | T__ | | | | | | 6951038 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| AO13A | 1.16 | 218.6 | Lg | 09:35:01.347 | 1.1 | | | | | T__ | | | | | | 6951032 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.28 | 185.8 | Pn | 09:34:47.854 | 0.3 | | | | | T__ | 73.7 | | | | ML | 2.1 | 6951039 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.28 | 185.8 | Lg | 09:35:03.673 | -1.1 | | | | | T__ | | | | | | 6951033 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.45 | 264.6 | Pn | 09:34:49.392 | -0.5 | | | | | T__ | 245.8 | | | | ML | 2.7 | 6951041 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.45 | 264.6 | Lg | 09:35:07.336 | -2.4 | | | | | T__ | | | | | | 6951040 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| AO18A | 1.55 | 217.9 | Pg | 09:34:52.857 | -0.0 | | | | | T__ | 106.8 | | | | ML | 2.4 | 6951043 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| AO18A | 1.55 | 217.9 | Sn | 09:35:12.076 | -0.0 | | | | | T__ | | | | | | 6951042 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

2021/11/12 10:31:50.96 1.63 0.77 47.5026 16.2707 11.9 6.0 139 0.0f 7 6 196 0.20 1.56 sx BUD 17003558 BUD 280

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.20 | 5.0 | Pg | 10:31:55.242 | -0.0 | | | | | T__ | | 208.6 | | _c_ | ML | 1.2 | 6951152 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.20 | 5.0 | Lg | 10:31:58.177 | -0.2 | | | | | T__ | | | | | | 6951157 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 47.0 | Lg | 10:32:00.711 | 0.1 | | | | | T__ | | | | | | 6951158 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 0.51 | 327.2 | Lg | 10:32:08.090 | 0.1 | | | | | T__ | | | | | | 6951155 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.57 | 243.9 | Lg | 10:32:09.101 | -0.0 | | | | | T__ | | | | | | 6951154 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.10 | 37.5 | Sn | 10:32:28.490 | -1.0 | | | | | T__ | | | | | | 6951156 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.56 | 3.0 | Sn | 10:32:41.459 | 1.2 | | | | | T__ | | | | | | 6951153 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/11/12 11:00:38.01 0.92 0.59 48.1944 16.9673 8.1 3.2 148 0.0f 10 7 143 0.09 1.36 sx BUD 17003560 BUD 173

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ZST | 0.09 | 88.9 | Pg | 11:00:40.891 | 0.4 | | | | | T__ | | | | | | 6951180 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 0.09 | 88.9 | Lg | 11:00:42.082 | -0.6 | | | | | T__ | | | | | | 6951179 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.27 | 49.0 | Pg | 11:00:44.419 | 0.3 | | | | | T__ | | | | | | 6951178 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.27 | 49.0 | Lg | 11:00:48.414 | -0.6 | | | | | T__ | | | | | | 6951182 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.67 | 222.6 | Pg | 11:00:51.220 | -0.2 | | | | | T__ | | 57.4 | | | ML | 1.6 | 6951187 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.67 | 222.6 | Lg | 11:00:59.680 | -0.7 | | | | | T__ | | | | | | 6951183 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.79 | 250.7 | Lg | 11:01:04.250 | 0.3 | | | | | T__ | | | | | | 6951181 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.81 | 34.8 | Lg | 11:01:06.638 | -0.7 | | | | | T__ | | | | | | 6951184 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| A018A | 1.35 | 251.1 | Lg | 11:01:21.609 | 0.6 | | | | | T__ | | | | | | 6951186 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 1.36 | 226.4 | Lg | 11:01:21.356 | 0.1 | | | | | T__ | | | | | | 6951185 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/11/12 11:05:46.24 1.38 0.84 47.8916 20.1652 12.3 3.3 159 0.0f 12 7 206 0.18 1.07 kx BUD 17003562 BUD 220
 2021/11/12 11:05:45.95 0.91 0.93 47.8650 20.1529f 0.0f 12 7 215 0.18 1.08 kx BUD_GT 17003563 BUD_GT 230

(locality : Kiszána Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 5 BUD_GT 17003563

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 11:05:51.277 | 0.9 | | | | | T__ | | 540.7 | | | ML | 1.5 | 6951213 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 11:05:53.485 | -0.6 | | | | | T__ | | | | | | 6951221 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 11:05:51.403 | 1.0 | | | | | T__ | | 442.0 | | | ML | 1.5 | 6951214 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 11:05:53.792 | -0.1 | | | | | T__ | | | | | | 6951222 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.36 44.0 Pg 11:05:53.761 -0.0 T__ 114.3 ___ ML 1.4 6951215 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 11:05:58.483 -1.5 T__ ___ 6951217 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
KECS 0.66 19.7 Lg 11:06:08.699 -0.5 T__ ___ 6951223 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.68 22.1 Pg 11:06:00.100 0.5 T__ ___ ML 1.8 6951216 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 11:06:09.267 -0.8 T__ ___ 6951218 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.85 59.0 Pg 11:06:03.403 0.6 T__ 77.5 ___ ML 1.9 6951220 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.85 59.0 Lg 11:06:14.757 -1.8 T__ ___ 6951219 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
VYHS 1.08 306.0 Lg 11:06:22.819 -0.8 T__ ___ 6951224 FDSN SK -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/11/12 | 11:11:56.22 | 1.05 | 1.29 | 47.8646 | 20.1431 | 7.9 | 3.1 | 162 | 0.0f | 19 | 12 | 97 | 0.18 | 2.26 | kx | BUD | 17003564 | BUD | | | | 153 |
| 2021/11/12 | 11:11:56.12 | 0.86 | 1.19 | 47.8650 | 20.1529f | | | | 0.0f | 19 | 12 | 97 | 0.18 | 2.27 | kx | BUD_GT | 17003565 | BUD_GT | | | | 153 |

(locality : Kismána Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.3 7 BUD_GT 17003565

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|--------|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| PSZ | 0.18 | 287.2 | Pg | 11:12:00.870 | 0.3 | | | | | T__ | | 2405.2 | | _c_ | ML | 2.2 6951300 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| PSZ | 0.18 | 287.2 | Lg | 11:12:03.238 | -1.0 | | | | | T__ | | | | --- | | 6951314 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 11:12:01.064 | 0.5 | | | | | T__ | 1647.8 | | | --- | ML | 2.0 6951301 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| ET1H | 0.19 | 274.4 | Lg | 11:12:03.508 | -0.6 | | | | | T__ | | | | --- | | 6951315 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 11:12:04.512 | 0.6 | | | | | T__ | 240.7 | | | --- | ML | 1.7 6951305 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| HU02A | 0.36 | 44.0 | Lg | 11:12:09.718 | -0.4 | | | | | T__ | | | | --- | | 6951304 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.37 | 276.2 | Pg | 11:12:05.027 | 0.8 | | | | | T__ | 228.0 | | | --- | ML | 1.7 6951306 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | | |
| HU03A | 0.37 | 276.2 | Lg | 11:12:09.714 | -0.5 | | | | | T__ | | | | --- | | 6951302 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.66 | 19.7 | Lg | 11:12:19.530 | 0.1 | | | | | T__ | | | | --- | | 6951307 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| JOS | 0.68 | 22.1 | Pg | 11:12:10.816 | 1.0 | | | | | T__ | 96.5 | | | --- | ML | 1.9 6951303 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| JOS | 0.68 | 22.1 | Lg | 11:12:20.242 | 0.0 | | | | | T__ | | | | --- | | 6951308 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.73 | 114.9 | Lg | 11:12:21.868 | -1.5 | | | | | T__ | | | | --- | | 6951309 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| ABAH | 0.85 | 59.0 | Pn | 11:12:13.688 | -0.3 | | | | | T__ | 119.5 | | | --- | ML | 2.0 6951311 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| ABAH | 0.85 | 59.0 | Lg | 11:12:25.762 | -1.0 | | | | | T__ | | | | --- | | 6951310 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 2.0 magdef=1
VYHS 1.08 306.0 Pg 11:12:18.453 0.4 T__ 26.2 ___ ML 1.5 6951312 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.08 306.0 Lg 11:12:31.579 -2.2 T__ ___ 6951313 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
MORH 1.95 212.6 Sn 11:12:57.658 3.2 T__ ___ 6951317 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.99 285.9 Sn 11:12:58.579 1.5 T__ ___ 6951316 FDSN SK -- BUD iLoc HHN ??? _
KOVH 2.27 219.1 Lg 11:13:11.733 -0.9 T__ ___ 6951318 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/12 12:25:25.62 4.26 0.78 46.8966 22.3422 42.2 6.5 165 0.0f 7 4 255 0.27 1.53 sx BUD 17003566 BUD 311

```

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Magnitude Err Nsta Author OrigID
ML 1.6 0.3 3 BUD 17003566

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.27 112.4 Pg 12:25:31.353 -0.0 T__ 190.5 _c_ ML 1.3 6951350 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.27 112.4 Lg 12:25:36.144 0.0 T__ ___ 6951351 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
SIRR 0.79 217.0 Pg 12:25:41.593 0.0 T__ 42.4 ___ ML 1.6 6951354 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.79 217.0 Lg 12:25:53.113 -0.4 T__ ___ 6951353 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
BZS 1.38 201.7 Pn 12:25:51.537 0.4 T__ 42.3 ___ ML 1.9 6951352 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.38 201.7 Sn 12:26:11.143 0.4 T__ ___ 6951355 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
GZR 1.53 168.5 Sn 12:26:16.446 1.4 T__ ___ 6951356 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/13 00:21:08.90 1.24 0.54 45.9459 17.3271 9.2 4.1 18 5.8 13.9 15 9 170 0.22 1.31 ke BUD 17003570 BUD 190

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 6 BUD 17003570

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A264A 0.22 353.1 Pg 00:21:13.384 -0.2 T__ 335.7 ___ ML 1.4 6951491 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.22 353.1 Lg 00:21:16.901 0.1 T__ ___ 6951498 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
A273A 0.34 94.8 Lg 00:21:20.606 -0.1 T__ ___ 6951499 FDSN Z3 00 BUD iLoc HHN ??? _
KOVH 0.56 74.9 Pg 00:21:20.460 0.2 T__ 52.8 ___ ML 1.5 6951494 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.56 74.9 Lg 00:21:27.521 -0.4 T__ ___ 6951500 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A265A 0.58 34.0 Pg 00:21:20.456 -0.1 T__ 129.8 ___ ML 1.9 6951492 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.58 34.0 Lg 00:21:29.207 0.6 T__ ___ 6951501 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| BEHE | 0.65 | 324.1 | Pg | 00:21:22.086 | 0.1 | T__ | 118.6 | ___ | ML | 1.9 | 6951495 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.65 | 324.1 | Lg | 00:21:30.976 | 0.4 | T__ | | --- | | | 6951502 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.90 | 304.3 | Pn | 00:21:27.449 | 0.4 | T__ | 66.6 | ___ | ML | 1.8 | 6951493 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.90 | 304.3 | Sn | 00:21:39.384 | -0.8 | T__ | | --- | | | 6951503 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.95 | 268.1 | Lg | 00:21:40.883 | -0.0 | T__ | | --- | | | 6951496 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| MORH | 0.95 | 73.2 | Pg | 00:21:27.563 | -0.1 | T__ | 33.8 | --- | ML | 1.6 | 6951490 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.95 | 73.2 | Sn | 00:21:40.356 | -1.2 | T__ | | --- | | | 6951504 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CRES | 1.31 | 265.4 | Lg | 00:21:52.690 | -0.4 | T__ | | --- | | | 6951497 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/11/13 | 13:20:04.09 | 1.47 | 0.66 | 48.4885 | 20.7999 | 10.5 | 5.8 | 22 | 0.0f | | 9 | 6 | 210 | 0.17 | 0.87 | sx | BUD | 17003572 | BUD | | | 294 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.3 | 0.5 | 3 BUD | 17003572 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| JOS | 0.17 | 272.5 | Pg | 13:20:08.278 | 0.5 | | | | | T__ | | 123.6 | | ___ | ML | 0.9 | 6951565 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 272.5 | Lg | 13:20:10.206 | -0.5 | | | | | T__ | | | | --- | | 6951566 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 268.7 | Pg | 13:20:08.638 | 0.1 | | | | | T__ | | 293.1 | | ___ | ML | 1.3 | 6951568 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.21 | 268.7 | Lg | 13:20:11.463 | -0.5 | | | | | T__ | | | | --- | | 6951567 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.35 | 123.1 | Lg | 13:20:17.049 | -0.6 | | | | | T__ | | | | --- | | 6951569 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.41 | 206.7 | Lg | 13:20:20.332 | 0.7 | | | | | T__ | | | | --- | | 6951570 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.83 | 227.1 | Lg | 13:20:33.387 | -0.9 | | | | | T__ | | | | --- | | 6951571 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.87 | 225.9 | Pn | 13:20:22.100 | -0.3 | | | | | T__ | | 46.7 | | --- | ML | 1.7 | 6951573 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.87 | 225.9 | Lg | 13:20:34.672 | -0.5 | | | | | T__ | | | | --- | | 6951572 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
| 2021/11/14 | 21:07:55.01 | 1.03 | 0.53 | 47.7350 | 18.3527 | 6.8 | 3.8 | 85 | 10.0f | | 9 | 6 | 186 | 0.08 | 0.79 | ke | BUD | 17003576 | BUD | | | | | 282 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.7 | 0.4 | 3 BUD | 17003576 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| SR0 | 0.08 | 341.3 | Pg | 21:07:57.886 | 0.3 | | | | | T__ | | 2648.7 | | ___ | ML | 2.0 | 6951646 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SR0 | 0.08 | 341.3 | Lg | 21:07:59.402 | -0.5 | | | | | T__ | | | | --- | | 6951647 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.10 | 168.2 | Pg | 21:07:58.315 | 0.4 | | | | | T__ | | 525.0 | | _c_ | ML | 1.3 | 6951645 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

HU09A 0.10 168.2 Lg 21:07:59.824 -0.5 T__ --- 6951648 FDSN ZJ 00 BUD iLoc HHN ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 CSKK 0.38 189.6 Lg 21:08:08.556 -0.8 T__ --- 6951649 FDSN HU -- BUD iLoc HHE ??? _
 HU08A 0.42 223.9 Lg 21:08:10.009 -0.5 T__ --- 6951652 FDSN ZJ 00 BUD iLoc HHN ??? _
 EGYH 0.76 245.7 Lg 21:08:21.108 -0.1 T__ --- 6951650 FDSN HU -- BUD iLoc HHN ??? _
 MPLH 0.79 224.6 Pg 21:08:10.952 0.2 T__ 54.8 --- ML 1.7 6951651 FDSN HU -- BUD iLoc HHZ HHZ _
 MPLH 0.79 224.6 Lg 21:08:22.195 0.1 T__ --- 6951653 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/11/15 | 06:23:25.77 | 1.05 | 1.06 | 47.3102 | 18.3064 | 5.8 | 3.6 | 113 | 0.0f | 20 | 14 | 106 | 0.06 | 1.42 | kx | BUD | 17003578 | BUD | | | | 125 |
| 2021/11/15 | 06:23:25.74 | 0.86 | 0.94 | 47.3167 | 18.3081f | | | | 0.0f | 20 | 14 | 106 | 0.06 | 1.42 | kx | BUD_GT | 17003579 | BUD_GT | | | | 125 |

(locality : Magyaralmás Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.6 | 0.1 | 7 BUD_GT | 17003579 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 325.1 | Pg | 06:23:28.287 | 0.7 | | | | | T__ | | 1110.7 | | _c_ | ML | 1.5 | 6951893 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 325.1 | Lg | 06:23:29.005 | -0.5 | | | | | T__ | | | | --- | | 6951894 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.07 | 257.7 | Pg | 06:23:28.452 | 0.7 | | | | | T__ | | 950.4 | | --- | ML | 1.5 | 6951907 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.07 | 257.7 | Lg | 06:23:29.318 | -0.5 | | | | | T__ | | | | --- | | 6951908 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 336.4 | Pg | 06:23:29.112 | 1.0 | | | | | T__ | | 1081.5 | | --- | ML | 1.6 | 6951910 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 336.4 | Lg | 06:23:29.978 | -0.4 | | | | | T__ | | | | --- | | 6951909 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.14 | 298.3 | Pg | 06:23:29.895 | 0.7 | | | | | T__ | | 595.8 | | --- | ML | 1.5 | 6951911 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.14 | 298.3 | Lg | 06:23:31.586 | -0.7 | | | | | T__ | | | | --- | | 6951912 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.29 | 293.8 | Lg | 06:23:36.287 | -0.9 | | | | | T__ | | | | --- | | 6951895 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.33 | 8.9 | Lg | 06:23:37.696 | -1.0 | | | | | T__ | | | | --- | | 6951901 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.54 | 254.6 | Lg | 06:23:44.698 | -0.8 | | | | | T__ | | | | --- | | 6951902 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.13 | 168.1 | Pg | 06:23:48.088 | -0.1 | | | | | T__ | | 33.7 | | --- | ML | 1.7 | 6951897 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.13 | 168.1 | Lg | 06:24:03.275 | -1.2 | | | | | T__ | | | | --- | | 6951896 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.20 | 61.4 | Pn | 06:23:48.871 | 0.2 | | | | | T__ | | 34.9 | | --- | ML | 1.7 | 6951903 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.23 | 16.6 | Sn | 06:24:06.185 | -1.9 | | | | | T__ | | | | --- | | 6951906 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.23 | 60.1 | Pn | 06:23:49.926 | 0.6 | | | | | T__ | | 49.1 | | --- | ML | 1.9 | 6951905 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.23 | 60.1 | Sn | 06:24:06.713 | -1.3 | | | | | T__ | | | | --- | | 6951904 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KOVH | 1.24 | 186.7 | Sn | 06:24:07.091 | -0.3 | T__ | --- | 6951898 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.27 | 327.1 | Sn | 06:24:07.055 | -1.8 | T__ | --- | 6951900 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| RONA | 1.42 | 286.4 | Sn | 06:24:11.999 | 0.0 | T__ | --- | 6951899 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/11/15 | 09:06:08.14 | 1.19 | 1.15 | 48.0131 | 20.3808 | 11.5 | 3.4 | 144 | 0.0f | | 9 | 6 | 185 | 0.15 | 0.64 | kx | BUD | 17003580 | BUD | | | 207 |
| 2021/11/15 | 09:06:07.72 | 0.94 | 1.40 | 47.9767 | 20.3679f | | | | 0.0f | | 9 | 6 | 192 | 0.18 | 0.67 | kx | BUD_GT | 17003581 | BUD_GT | | | 218 |

(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.2 | 0.2 | 3 BUD_GT | 17003581 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.18 | 35.8 | Pg | 09:06:12.468 | 0.5 | | | | | T__ | | 277.8 | | _c | ML | 1.2 | 6951947 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.18 | 35.8 | Lg | 09:06:14.093 | -1.4 | | | | | T__ | | | | --- | | 6951950 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.32 | 259.8 | Pg | 09:06:16.316 | 1.3 | | | | | T__ | | 79.0 | | --- | ML | 1.1 | 6951951 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.32 | 259.8 | Lg | 09:06:20.851 | 0.2 | | | | | T__ | | | | --- | | 6951949 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.35 | 253.9 | Lg | 09:06:21.451 | 0.4 | | | | | T__ | | | | --- | | 6951952 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.51 | 8.8 | Lg | 09:06:24.514 | -1.5 | | | | | T__ | | | | --- | | 6951953 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.53 | 12.4 | Pg | 09:06:18.914 | 0.5 | | | | | T__ | | 49.1 | | --- | ML | 1.5 | 6951948 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 12.4 | Lg | 09:06:24.789 | -1.9 | | | | | T__ | | | | --- | | 6951954 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.67 | 61.0 | Lg | 09:06:30.013 | -2.3 | | | | | T__ | | | | --- | | 6951955 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/11/15 | 09:17:02.48 | 0.92 | 0.79 | 48.7869 | 20.1175 | 4.9 | 3.8 | 71 | 0.0f | | 12 | 7 | 125 | 0.39 | 0.92 | sx | BUD | 17003582 | BUD | | | | | 244 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.0 | 5 BUD | 17003582 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.39 | 141.1 | Pg | 09:17:10.992 | 0.6 | | | | | T__ | | 149.9 | | --- | ML | 1.6 | 6951986 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.39 | 141.1 | Lg | 09:17:16.148 | -0.2 | | | | | T__ | | | | --- | | 6951988 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.40 | 136.0 | Pg | 09:17:11.080 | 0.5 | | | | | T__ | | 84.6 | | --- | ML | 1.4 | 6951985 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.40 | 136.0 | Lg | 09:17:16.548 | -0.3 | | | | | T__ | | | | --- | | 6951989 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.64 | 10.7 | Pg | 09:17:15.060 | 0.4 | | | | | T__ | | 29.0 | | --- | ML | 1.3 | 6951991 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.64 | 10.7 | Lg | 09:17:22.748 | -1.1 | | | | | T__ | | | | --- | | 6951990 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.72 | 157.7 | Pg | 09:17:17.834 | 0.5 | | | | | T__ | | 34.9 | | --- | ML | 1.4 | 6951987 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| HU02A | 0.72 | 157.7 | Lg | 09:17:27.490 | -1.0 | T__ | | | | | | | 6951992 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.88 | 189.8 | Lg | 09:17:33.080 | -1.2 | T__ | | | | | | | 6951993 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 0.90 | 251.5 | Pg | 09:17:20.937 | 0.3 | T__ | 15.2 | | | | | | 6951994 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.90 | 251.5 | Lg | 09:17:33.812 | 0.2 | T__ | | | | | | | 6951995 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.92 | 190.3 | Lg | 09:17:34.361 | -0.9 | T__ | | | | | | | 6951996 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/15 | 09:38:24.86 | 1.40 | 0.82 | 48.8711 | 21.1433 | 7.9 | 7.4 | 123 | 0.0f | 11 | 8 | 129 | 0.55 | 1.31 | sx | BUD | 17003586 | BUD | | | | 218 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.4 | 3 BUD | 17003586 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.55 | 227.0 | Pg | 09:38:36.603 | 0.8 | | | | | T__ | | 42.6 | | | ML | 1.4 | 6952099 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.55 | 227.0 | Lg | 09:38:43.790 | -0.3 | | | | | T__ | | | | | | 6952100 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.58 | 173.6 | Lg | 09:38:45.719 | -0.4 | | | | | T__ | | | | | | 6952102 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.58 | 228.6 | Pg | 09:38:37.084 | 0.6 | | | | | T__ | 148.3 | | | | ML | 2.0 | 6952097 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.58 | 228.6 | Lg | 09:38:44.866 | -0.4 | | | | | T__ | | | | | | 6952101 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.75 | 84.8 | Lg | 09:38:51.003 | -0.3 | | | | | T__ | | | | | | 6952104 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.78 | 315.0 | Lg | 09:38:49.704 | -1.0 | | | | | T__ | | | | | | 6952103 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU02A | 0.85 | 209.0 | Pg | 09:38:42.381 | -0.1 | | | | | T__ | 53.1 | | | | ML | 1.7 | 6952098 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.85 | 209.0 | Lg | 09:38:54.256 | -1.3 | | | | | T__ | | | | | | 6952105 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.27 | 221.6 | Sn | 09:39:07.319 | -0.8 | | | | | T__ | | | | | | 6952106 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.31 | 221.0 | Sn | 09:39:07.843 | -0.8 | | | | | T__ | | | | | | 6952107 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/15 | 09:45:54.58 | 1.02 | 1.65 | 48.8354 | 21.3356 | 7.0 | 3.8 | 162 | 0.0f | 15 | 9 | 129 | 0.54 | 1.33 | sx | BUD | 17003588 | BUD | | | | 202 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.1 | 5 BUD | 17003588 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.54 | 186.8 | Pg | 09:46:07.559 | 2.0 | | | | | T__ | | 93.0 | | | ML | 1.8 | 6952175 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.54 | 186.8 | Lg | 09:46:14.438 | -0.2 | | | | | T__ | | | | | | 6952176 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.63 | 80.7 | Pg | 09:46:07.958 | 1.3 | | | | | T__ | | | | | | 6952169 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.63 | 80.7 | Lg | 09:46:15.333 | -1.5 | | | | | T__ | | | | | | 6952170 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.63 | 237.5 | Pg | 09:46:06.721 | -0.3 | | | | | T__ | 43.2 | | | | ML | 1.5 | 6952168 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.63 | 237.5 | Lg | 09:46:16.096 | -0.4 | | | | | T__ | | | | | | 6952171 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
KECS 0.66 238.3 Pg 09:46:08.925 1.1 T__ 108.2 ___ ML 1.9 6952177 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.66 238.3 Lg 09:46:17.359 -0.4 T__ ___ 6952172 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HOLU 0.76 113.6 Pg 09:46:08.596 -0.6 T__ ___ 6952178 FDSN UA -- BUD iLoc MHZ ??? _
HOLU 0.76 113.6 Lg 09:46:19.762 -2.2 T__ ___ 6952179 FDSN UA -- BUD iLoc MHZ ??? _
HU02A 0.89 217.4 Pg 09:46:12.753 -0.2 T__ 96.6 ___ ML 2.0 6952174 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.89 217.4 Lg 09:46:22.565 -4.1 T__ ___ 6952173 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 0.90 311.0 Lg 09:46:23.862 -0.4 T__ ___ 6952180 FDSN PL -- BUD iLoc BHE ??? _
TRPA 1.07 130.9 Pg 09:46:15.475 0.3 T__ 85.9 ___ ML 2.0 6952181 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
PSZ 1.33 226.9 Sn 09:46:39.976 0.6 T__ ___ 6952182 FDSN GE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/15 09:53:58.48 0.83 1.37 47.8788 20.1008 4.5 2.8 158 0.0f 35 24 58 0.14 2.08 sx BUD 17003590 BUD 76

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Magnitude Err Nsta Author OrigID
ML 2.0 0.2 11 BUD 17003590

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.14 286.0 Pg 09:54:02.375 0.2 T__ 3432.3 _c_ ML 2.2 6952316 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.14 286.0 Lg 09:54:05.151 -0.2 T__ ___ 6952346 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
ET1H 0.15 270.2 Pg 09:54:02.500 0.3 T__ 1195.9 ___ ML 1.8 6952317 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.15 270.2 Lg 09:54:05.358 0.1 T__ ___ 6952347 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU23A 0.26 157.2 Lg 09:54:08.750 -0.2 T__ ___ 6952320 FDSN ZJ 00 BUD iLoc HHN ??? _
HU03A 0.34 274.4 Pg 09:54:06.046 0.2 T__ 410.2 ___ ML 1.9 6952318 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.34 274.4 Lg 09:54:11.263 -0.1 T__ ___ 6952348 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 0.37 49.3 Pg 09:54:06.375 -0.3 T__ 279.2 ___ ML 1.8 6952319 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.37 49.3 Lg 09:54:12.093 -0.9 T__ ___ 6952321 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU01A 0.63 211.5 Lg 09:54:20.281 -1.4 T__ ___ 6952322 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.66 22.9 Lg 09:54:21.093 -0.7 T__ ___ 6952323 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.68 25.3 Pg 09:54:12.350 0.2 T__ 125.0 ___ ML 2.0 6952349 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 25.3 Lg 09:54:21.906 -0.7 T__ ___ 6952324 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU10A 0.73 267.8 Lg 09:54:24.780 -0.5 T__ ___ 6952350 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 0.87 60.9 Pg 09:54:16.937 1.1 T__ 129.7 ___ ML 2.1 6952326 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.87 60.9 Lg 09:54:28.687 -1.1 T__ ___ 6952325 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1

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(Station ML: 2.1 magdef=1
VYHS 1.05 306.5 Pn 09:54:19.437 -0.0 T__ 27.5 --- ML 1.5 6952327 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.05 306.5 Lg 09:54:33.125 -1.8 T__ --- 6952328 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU04A 1.15 201.9 Sn 09:54:37.125 -0.4 T__ --- 6952329 FDSN ZJ 00 BUD iLoc HHN ??? _
HU09A 1.18 258.9 Sn 09:54:38.250 -0.7 T__ --- 6952330 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 1.35 248.2 Pn 09:54:25.750 2.3 T__ 119.6 --- ML 2.3 6952332 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 1.35 248.2 Sn 09:54:43.750 0.7 T__ --- 6952331 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A272A 1.37 214.7 Sn 09:54:44.812 1.7 T__ --- 6952333 FDSN Z3 00 BUD iLoc HHN ??? _
HU08A 1.54 253.9 Sn 09:54:48.187 0.6 T__ --- 6952334 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 1.55 4.8 Pg 09:54:30.312 2.6 T__ 35.5 --- ML 1.9 6952336 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.55 4.8 Sn 09:54:48.625 0.2 T__ --- 6952335 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
TRPA 1.66 80.4 Sn 09:54:52.562 2.1 T__ --- 6952337 FDSN HU -- BUD iLoc HHN ??? _
KOLS 1.79 53.1 Lg 09:54:58.937 0.1 T__ --- 6952338 FDSN SK -- BUD iLoc HHN ??? _
MPLH 1.88 248.7 Pg 09:54:35.812 -0.1 T__ 68.2 --- ML 2.4 6952339 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 1.88 248.7 Sn 09:54:57.687 1.9 T__ --- 6952340 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
JAVC 1.89 302.1 Pg 09:54:35.875 -0.6 T__ 70.7 --- ML 2.4 6952342 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.89 302.1 Sn 09:55:01.625 3.9 T__ --- 6952341 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
SIRR 1.93 146.0 Lg 09:55:03.937 0.7 T__ --- 6952344 FDSN RO -- BUD iLoc HHN ??? _
MORH 1.94 211.4 Lg 09:55:03.687 -1.2 T__ --- 6952343 FDSN HU -- BUD iLoc HHN ??? _
DRGR 2.08 120.5 Sn 09:55:03.437 2.8 T__ --- 6952345 FDSN RO -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/15 10:09:07.49 0.91 1.19 47.8833 20.0828 5.1 2.9 159 0.0f 19 12 93 0.13 1.54 sx BUD 17003592 BUD 148

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD 17003592

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.13 285.6 Pg 10:09:11.567 0.6 T__ 951.0 _c_ ML 1.6 6952406 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.13 285.6 Lg 10:09:12.958 -0.9 T__ --- 6952414 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.14 268.4 Pg 10:09:11.788 0.8 T__ 325.7 --- ML 1.2 6952407 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.14 268.4 Lg 10:09:13.273 -0.5 T__ --- 6952410 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU23A 0.27 155.2 Lg 10:09:17.993 -0.3 T__ --- 6952415 FDSN ZJ 00 BUD iLoc HHN ??? _
HU03A 0.33 273.8 Pg 10:09:15.243 0.6 T__ 177.0 --- ML 1.5 6952408 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.33 273.8 Lg 10:09:19.306 -0.6 T__ --- 6952416 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.38 51.0 Pg 10:09:15.686 -0.1 T__ 181.3 --- ML 1.6 6952409 FDSN ZJ 00 BUD iLoc HHZ HHZ _

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| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| HU02A | 0.38 | 51.0 | Lg | 10:09:21.046 | -1.2 | T__ | | | | | | | | 6952417 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HU01A | 0.62 | 210.3 | Lg | 10:09:29.620 | -1.0 | T__ | | | | | | | | 6952418 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| KECS | 0.66 | 24.0 | Lg | 10:09:29.711 | -1.1 | T__ | | | | | | | | 6952419 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| JOS | 0.68 | 26.3 | Pg | 10:09:23.166 | 2.0 | T__ | 53.6 | | | | | | | 6952421 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 26.3 | Lg | 10:09:30.728 | -0.9 | T__ | | | | | | | | 6952420 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.72 | 267.3 | Lg | 10:09:32.139 | -1.7 | T__ | | | | | | | | 6952422 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| ABAH | 0.88 | 61.5 | Lg | 10:09:38.807 | -0.3 | T__ | | | | | | | | 6952413 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| VYHS | 1.03 | 306.7 | Pn | 10:09:29.435 | 1.1 | T__ | 20.2 | | | | | | | 6952412 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.03 | 306.7 | Lg | 10:09:42.185 | -1.3 | T__ | | | | | | | | 6952411 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.54 | 5.3 | Pg | 10:09:38.164 | 1.5 | T__ | 41.9 | | | | | | | 6952424 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.54 | 5.3 | Sn | 10:09:59.039 | 1.7 | T__ | | | | | | | | 6952423 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/15 | 10:46:31.23 | 0.92 | 1.12 | 48.5432 | 20.8119 | 5.3 | 3.4 | 177 | 0.0f | | 18 | 10 | 88 | 0.19 | 1.31 | sx | BUD | 17003594 | BUD | | | 158 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.3 | 7 BUD | 17003594 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 255.4 | Pg | 10:46:35.932 | 0.8 | | | | | T__ | | 338.1 | | | ML | 1.3 | 6952524 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 255.4 | Lg | 10:46:38.275 | -0.0 | | | | | T__ | | | | | | 6952526 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 254.7 | Pg | 10:46:36.429 | 0.5 | | | | | T__ | | 755.0 | | | ML | 1.8 | 6952525 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 254.7 | Lg | 10:46:39.499 | -0.1 | | | | | T__ | | | | | | 6952527 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.38 | 130.8 | Pg | 10:46:39.869 | 0.8 | | | | | T__ | | 91.6 | | | ML | 1.3 | 6952528 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.38 | 130.8 | Lg | 10:46:44.807 | -0.9 | | | | | T__ | | | | | | 6952529 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.46 | 204.5 | Pg | 10:46:41.557 | 0.5 | | | | | T__ | | 55.3 | | | ML | 1.3 | 6952541 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 204.5 | Lg | 10:46:47.994 | -0.6 | | | | | T__ | | | | | | 6952530 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.88 | 224.8 | Pn | 10:46:49.178 | -0.7 | | | | | T__ | | 63.2 | | | ML | 1.8 | 6952532 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.88 | 224.8 | Lg | 10:47:01.303 | -1.6 | | | | | T__ | | | | | | 6952531 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.92 | 223.8 | Pn | 10:46:49.708 | -0.5 | | | | | T__ | | 50.5 | | | ML | 1.7 | 6952535 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.92 | 223.8 | Lg | 10:47:02.583 | -1.2 | | | | | T__ | | | | | | 6952534 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.94 | 339.1 | Lg | 10:47:01.208 | -1.1 | | | | | T__ | | | | | | 6952533 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |

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KOLS  1.04 67.5 Pg    10:46:51.571  0.5      T__
KOLS  1.04 67.5 Lg    10:47:05.633 -1.7      T__
TRPA  1.22 109.1 Sn   10:47:11.575 -1.6      T__
VYHS  1.31 268.6 Pn   10:46:56.961  1.0      T__
VYHS  1.31 268.6 Sn   10:47:13.774 -1.8      T__
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/11/15 14:30:47.48  0.90  0.66  47.8657  16.0961  4.9  4.1  48  0.0f  17  10  83  0.17  1.53  sx  BUD  17003596  BUD  155

```

```

Magnitude  Err Nsta Author  OrigID
ML 1.7 0.3 7 BUD 17003596

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR  Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  Ach L
CONA  0.17 291.7 Pg    14:30:50.954 -0.1    T__
CONA  0.17 291.7 Lg    14:30:52.469 -1.2    T__
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
RONA  0.21 140.8 Pg    14:30:52.810  0.8    T__
RONA  0.21 140.8 Lg    14:30:55.466  0.2    T__
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
A013A 0.50 293.4 Lg    14:31:03.294 -0.5    T__
A008A 0.58 329.6 Pg    14:30:59.399  0.7    T__
A008A 0.58 329.6 Lg    14:31:06.852  0.1    T__
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A018A 0.70 260.3 Pg    14:31:01.638  0.6    T__
A018A 0.70 260.3 Lg    14:31:09.451 -0.3    T__
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ARSA  0.73 212.4 Pg    14:31:01.158 -0.4    T__
ARSA  0.73 212.4 Lg    14:31:10.408 -0.3    T__
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS  0.94 56.9 Lg    14:31:19.927 -1.2    T__
KRUC  1.21 9.3 Pg    14:31:10.922  0.2    T__
KRUC  1.21 9.3 Sn    14:31:27.485 -0.8    T__
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VRAC  1.48 12.7 Sn    14:31:35.013  0.1    T__
CKRC  1.53 309.4 Pg    14:31:16.760  0.7    T__
CKRC  1.53 309.4 Lg    14:31:37.323  0.3    T__
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0

```

```

Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/11/16 08:18:27.00  1.33  0.92  46.1160  22.8439  10.6  4.9  53  0.0f  9  6  143  0.24  0.99  sx  BUD  17003598  BUD  214

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 3 BUD 17003598

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.24 | 169.9 | Pg | 08:18:31.946 | 0.4 | | | | | T__ | | 616.1 | | --- | ML | 1.7 | 6952635 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.24 | 169.9 | Lg | 08:18:34.196 | -0.6 | | | | | T__ | | | | | | 6952638 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.68 | 352.3 | Lg | 08:18:51.239 | -0.6 | | | | | T__ | | | | | | 6952640 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.72 | 183.7 | Pg | 08:18:41.515 | 0.6 | | | | | T__ | | 60.7 | | --- | ML | 1.7 | 6952636 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.72 | 183.7 | Lg | 08:18:50.294 | -0.8 | | | | | T__ | | | | | | 6952639 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.84 | 280.9 | Pg | 08:18:44.387 | 0.3 | | | | | T__ | | 37.6 | | --- | ML | 1.5 | 6952642 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.84 | 280.9 | Lg | 08:18:55.588 | -0.6 | | | | | T__ | | | | | | 6952641 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.93 | 135.6 | Lg | 08:18:56.969 | -1.5 | | | | | T__ | | | | | | 6952643 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 0.99 | 240.2 | Lg | 08:18:59.652 | -0.6 | | | | | T__ | | | | | | 6952637 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/16 | 08:20:21.39 | 0.96 | 0.86 | 46.0704 | 22.7964 | 6.0 | 4.1 | 72 | 0.0f | | 13 | 8 | 91 | 0.20 | 1.87 | sx | BUD | 17003600 | BUD | | | 136 |

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 5 BUD 17003600

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.20 | 158.2 | Pg | 08:20:25.507 | 0.3 | | | | | T__ | | 831.1 | | --- | ML | 1.8 | 6952676 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.20 | 158.2 | Lg | 08:20:27.667 | -0.4 | | | | | T__ | | | | | | 6952677 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.68 | 181.2 | Pg | 08:20:34.763 | 0.4 | | | | | T__ | | 69.1 | | _c_ | ML | 1.7 | 6952674 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.68 | 181.2 | Lg | 08:20:43.798 | -0.2 | | | | | T__ | | | | | | 6952678 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.72 | 355.4 | Pg | 08:20:36.707 | 0.7 | | | | | T__ | | 75.9 | | --- | ML | 1.8 | 6952681 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.72 | 355.4 | Lg | 08:20:46.386 | -1.3 | | | | | T__ | | | | | | 6952680 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.81 | 284.4 | Pg | 08:20:38.113 | 0.1 | | | | | T__ | | 60.3 | | --- | ML | 1.7 | 6952675 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.81 | 284.4 | Lg | 08:20:48.983 | -0.9 | | | | | T__ | | | | | | 6952679 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 0.85 | 40.5 | Lg | 08:20:50.200 | -1.1 | | | | | T__ | | | | | | 6952682 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 0.92 | 132.1 | Lg | 08:20:51.802 | -0.8 | | | | | T__ | | | | | | 6952683 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 0.94 | 241.6 | Pg | 08:20:40.202 | 0.5 | | | | | T__ | | 43.8 | | --- | ML | 1.7 | 6952685 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.94 | 241.6 | Lg | 08:20:52.497 | -0.5 | | | | | T__ | | | | | | 6952684 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 1.87 | 323.0 | Lg | 08:21:24.290 | 1.2 | | | | | T__ | | | | | | 6952686 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/16 | 08:26:09.92 | 4.42 | 0.98 | 46.8866 | 22.7967 | 33.5 | 18.0 | 158 | 0.0f | 7 | 5 | 282 | 0.11 | 1.59 | sx | BUD | 17003602 | BUD | | | | 308 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.11 | 211.8 | Pg | 08:26:12.628 | 0.1 | | | | | T__ | | 304.4 | | _c | ML | 1.1 | 6952712 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.11 | 211.8 | Lg | 08:26:14.850 | 0.0 | | | | | T__ | | | | | | 6952717 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 1.00 | 232.1 | Lg | 08:26:43.598 | -0.7 | | | | | T__ | | | | | | 6952714 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.49 | 180.5 | Pg | 08:26:38.256 | 0.0 | | | | | T__ | | 70.8 | | | ML | 2.2 | 6952715 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.49 | 180.5 | Sn | 08:26:58.250 | -0.3 | | | | | T__ | | | | | | 6952718 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.51 | 213.2 | Sn | 08:26:58.421 | 0.0 | | | | | T__ | | | | | | 6952716 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 1.59 | 154.5 | Sn | 08:26:59.608 | -1.8 | | | | | T__ | | | | | | 6952713 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/11/16 | 09:01:19.95 | 1.11 | 1.10 | 48.9717 | 19.3692 | 7.1 | 4.8 | 3 | 0.0f | 12 | 9 | 108 | 0.59 | 1.44 | sx | BUD | 17003604 | BUD | | | | | 176 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.1 | 3 BUD | 17003604 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.59 | 216.6 | Lg | 09:01:41.525 | 0.8 | | | | | T__ | | | | | | 6952745 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.76 | 53.4 | Lg | 09:01:45.049 | 0.0 | | | | | T__ | | | | | | 6952746 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| KECS | 0.89 | 123.1 | Pg | 09:01:38.213 | 0.7 | | | | | T__ | | 108.1 | | | ML | 2.0 | 6952748 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.89 | 123.1 | Lg | 09:01:50.010 | -0.6 | | | | | T__ | | | | | | 6952747 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.91 | 121.1 | Pg | 09:01:38.098 | 0.2 | | | | | T__ | | 90.9 | | | ML | 2.0 | 6952744 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.91 | 121.1 | Lg | 09:01:50.823 | -0.6 | | | | | T__ | | | | | | 6952749 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.11 | 161.4 | Sn | 09:01:57.981 | -1.6 | | | | | T__ | | | | | | 6952750 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 1.13 | 264.9 | Lg | 09:01:58.029 | -1.6 | | | | | T__ | | | | | | 6952751 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.14 | 162.8 | Lg | 09:01:59.137 | -1.0 | | | | | T__ | | | | | | 6952754 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 1.15 | 137.5 | Pn | 09:01:43.801 | 1.3 | | | | | T__ | | 51.9 | | | ML | 1.9 | 6952753 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.15 | 137.5 | Lg | 09:01:58.478 | -0.9 | | | | | T__ | | | | | | 6952752 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MORC | 1.44 | 304.7 | Lg | 09:02:06.842 | 0.3 | | | | | T__ | | | | | | 6952755 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/11/16 | 09:16:06.40 | 1.30 | 1.19 | 47.3844 | 18.3734 | 8.9 | 4.1 | 123 | 0.0f | 15 | 11 | 107 | 0.08 | 1.31 | sx | BUD | 17003606 | BUD | | | | | 124 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.3 | 4 BUD | 17003606 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.08 | 276.2 | Pg | 09:16:09.499 | 0.9 | | | | | T__ | | 1104.5 | | --- | ML | 1.6 | 6952814 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | 09:16:10.560 | -0.3 | | | | | T__ | | | | --- | | 6952815 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.08 | 254.5 | Pg | 09:16:09.096 | 0.4 | | | | | T__ | | 2199.0 | | _c_ | ML | 1.9 | 6952804 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | 09:16:10.097 | -0.8 | | | | | T__ | | | | --- | | 6952807 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.14 | 233.4 | Pg | 09:16:10.479 | 0.7 | | | | | T__ | | 292.1 | | --- | ML | 1.1 | 6952817 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | 09:16:11.990 | -0.9 | | | | | T__ | | | | --- | | 6952816 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.17 | 269.6 | Lg | 09:16:13.133 | -0.7 | | | | | T__ | | | | --- | | 6952818 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.25 | 1.4 | Lg | 09:16:16.075 | -0.8 | | | | | T__ | | | | --- | | 6952808 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.61 | 249.6 | Lg | 09:16:27.257 | -0.9 | | | | | T__ | | | | --- | | 6952809 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.13 | 63.4 | Pn | 09:16:29.610 | 1.3 | | | | | T__ | | 61.4 | | --- | ML | 1.9 | 6952805 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | 09:16:43.871 | -1.9 | | | | | T__ | | | | --- | | 6952810 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.15 | 15.5 | Lg | 09:16:45.548 | -1.0 | | | | | T__ | | | | --- | | 6952812 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.16 | 62.0 | Sn | 09:16:45.271 | -1.7 | | | | | T__ | | | | --- | | 6952811 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.18 | 170.9 | Sn | 09:16:45.057 | -1.7 | | | | | T__ | | | | --- | | 6952806 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.31 | 188.4 | Sn | 09:16:49.987 | 0.1 | | | | | T__ | | | | --- | | 6952813 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/16 | 09:53:50.22 | 0.94 | 0.98 | 47.0986 | 18.0342 | 4.7 | 3.8 | 116 | 0.0f | | 17 | 10 | 112 | 0.24 | 1.01 | sx | BUD | 17003608 | BUD | | | 169 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.0 | 7 BUD | 17003608 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.24 | 30.5 | Pg | 09:53:56.031 | 0.5 | | | | | T__ | | 553.6 | | --- | ML | 1.7 | 6952890 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | 09:54:00.195 | -0.0 | | | | | T__ | | | | --- | | 6952891 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.29 | 12.4 | Pg | 09:53:57.697 | 1.1 | | | | | T__ | | 912.9 | | --- | ML | 2.1 | 6952893 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | 09:54:01.424 | -0.6 | | | | | T__ | | | | --- | | 6952892 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.31 | 30.2 | Pg | 09:53:57.113 | 0.2 | | | | | T__ | | 336.3 | | --- | ML | 1.7 | 6952879 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | 09:54:01.779 | -0.9 | | | | | T__ | | | | --- | | 6952885 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.33 | 27.4 | Pg | 09:53:57.816 | 0.5 | | | | | T__ | | 182.6 | | --- | ML | 1.5 | 6952895 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | 09:54:02.494 | -1.0 | | | | | T__ | | | | --- | | 6952896 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.34 | 347.3 | Pg | 09:53:58.410 | 0.9 | | | | | T__ | | 251.1 | | --- | ML | 1.6 | 6952894 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | 09:54:02.770 | -0.9 | | | | | T__ | | | | --- | | 6952889 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MPLH | 0.35 | 282.2 | Pg | 09:53:58.263 | 0.6 | T__ | 186.7 | --- | ML | 1.5 | 6952881 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.35 | 282.2 | Lg | 09:54:02.306 | -1.2 | T__ | | --- | | | 6952882 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.59 | 23.5 | Lg | 09:54:11.247 | -1.2 | T__ | | --- | | | 6952886 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| MORH | 0.98 | 154.4 | Pg | 09:54:10.521 | 0.8 | T__ | 53.5 | --- | ML | 1.8 | 6952888 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.98 | 154.4 | Lg | 09:54:24.201 | 0.1 | T__ | | --- | | | 6952887 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU10A | 1.00 | 41.4 | Sn | 09:54:25.783 | -0.7 | T__ | | --- | | | 6952884 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| KOVH | 1.01 | 177.4 | Lg | 09:54:23.536 | -2.0 | T__ | | --- | | | 6952880 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/11/16 10:06:46.12 0.89 1.40 48.4767 18.7219 6.2 3.5 168 0.0f 16 10 108 0.08 1.40 sx BUD 17003610 BUD 142

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 7 BUD 17003610

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|--------|-------|-----|------|-----------|---------|---------|--------|-----|------|------|------|-----|-----|---|
| VVHS | 0.08 | 77.1 | Pg | 10:06:48.952 | 1.0 | | | | | T__ | | 615.0 | | _c | ML | 1.3 | 6952981 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VVHS | 0.08 | 77.1 | Lg | 10:06:49.404 | -0.2 | | | | | T__ | | | | --- | | 6952988 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A338A | 0.52 | 208.3 | Pg | 10:06:57.547 | 0.7 | | | | | T__ | 1236.0 | | --- | ML | 2.8 | 6952982 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.80 | 299.2 | Lg | 10:07:13.333 | -1.4 | | | | | T__ | | | --- | | 6952989 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | |
| PSZ | 0.96 | 125.0 | Pn | 10:07:06.370 | 0.2 | | | | | T__ | 94.8 | | --- | ML | 2.0 | 6952991 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 0.96 | 125.0 | Lg | 10:07:19.123 | -1.6 | | | | | T__ | | | --- | | 6952990 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.97 | 264.4 | Lg | 10:07:19.801 | -0.6 | | | | | T__ | | | --- | | 6952983 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| ET1H | 0.97 | 127.4 | Pn | 10:07:06.625 | 0.5 | | | | | T__ | 67.4 | | --- | ML | 1.9 | 6952985 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ET1H | 0.97 | 127.4 | Lg | 10:07:19.696 | -1.0 | | | | | T__ | | | --- | | 6952984 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.17 | 89.0 | Pn | 10:07:09.946 | 1.1 | | | | | T__ | 94.2 | | --- | ML | 2.1 | 6952986 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 1.17 | 89.0 | Lg | 10:07:24.851 | -1.7 | | | | | T__ | | | --- | | 6952992 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.21 | 88.4 | Pg | 10:07:11.301 | 1.3 | | | | | T__ | 56.8 | | --- | ML | 1.9 | 6952994 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 1.21 | 88.4 | Lg | 10:07:25.856 | -1.8 | | | | | T__ | | | --- | | 6952993 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.26 | 105.7 | Pn | 10:07:11.487 | 1.4 | | | | | T__ | 48.5 | | --- | ML | 1.9 | 6952995 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 1.26 | 105.7 | Sn | 10:07:27.208 | -1.8 | | | | | T__ | | | --- | | 6952980 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.40 | 47.2 | Lg | 10:07:30.898 | -1.7 | | | | | T__ | | | --- | | 6952987 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/16 | 10:59:49.46 | 0.99 | 1.08 | 46.0555 | 22.7825 | 6.9 | 4.3 | 63 | 0.0f | 10 | 6 | 134 | 0.19 | 0.93 | sx | BUD | 17003612 | BUD | | | | 205 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 4 BUD | 17003612 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.19 | 153.9 | Lg | 10:59:55.070 | -0.8 | | | | | T__ | | | | | | 6953046 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.66 | 180.4 | Pg | 11:00:02.243 | 0.1 | | | | | T__ | | 87.7 | | | ML | 1.8 | 6953048 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.66 | 180.4 | Lg | 11:00:11.436 | -0.1 | | | | | T__ | | | | | | 6953047 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.74 | 356.2 | Pg | 11:00:04.569 | 0.2 | | | | | T__ | | 53.5 | | | ML | 1.6 | 6953054 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.74 | 356.2 | Lg | 11:00:15.036 | -1.2 | | | | | T__ | | | | | | 6953055 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.81 | 285.6 | Pg | 11:00:05.732 | -0.2 | | | | | T__ | | 54.1 | | | ML | 1.7 | 6953053 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.81 | 285.6 | Lg | 11:00:18.969 | 1.2 | | | | | T__ | | | | | | 6953052 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.92 | 131.0 | Pg | 11:00:08.307 | 1.2 | | | | | T__ | | 63.8 | | | ML | 1.8 | 6953049 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.92 | 131.0 | Lg | 11:00:18.830 | -1.7 | | | | | T__ | | | | | | 6953050 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.93 | 242.1 | Lg | 11:00:20.880 | 0.3 | | | | | T__ | | | | | | 6953051 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|--------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|--|--|
| 2021/11/16 | 12:25:55.68 | 0.91 | 1.02 | 47.5836 | 18.5179 | 4.0 | 3.2 | 134 | 0.0f | 14 | 11 | 112 | 0.11 | 0.99 | kx | BUD | 17003616 | BUD | | | | 146 | | |
| 2021/11/16 | 12:25:55.94 | 0.88 | 1.70 | 47.5600 | 18.4573f | | | | 0.0f | 14 | 11 | 113 | 0.09 | 1.03 | kx | BUD_GT | 17003617 | BUD_GT | | | | 143 | | |
| (locality : Tatabánya Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.2 | 0.2 | 3 BUD_GT | 17003617 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 12:25:59.094 | 0.7 | | | | | T__ | | 1994.2 | | | ML | 1.9 | 6953169 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 12:26:00.215 | -0.5 | | | | | T__ | | | | | | 6953167 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.21 | 218.9 | Pg | 12:26:02.130 | 1.4 | | | | | T__ | | 150.9 | | | ML | 1.1 | 6953179 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.21 | 218.9 | Lg | 12:26:05.362 | 0.3 | | | | | T__ | | | | | | 6953180 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 12:26:02.801 | 1.6 | | | | | T__ | | 173.0 | | | ML | 1.2 | 6953168 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 12:26:06.526 | 0.7 | | | | | T__ | | | | | | 6953170 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SRO | 0.27 | 339.1 | Lg | 12:26:05.843 | -1.0 | | | | | T__ | | | | | | 6953171 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| HU08A | 0.38 | 250.6 | Lg | 12:26:10.532 | -0.1 | | | | | T__ | | | | | | 6953175 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| BUD | 0.39 | 101.0 | Lg | 12:26:09.256 | -1.9 | | | | | T__ | | | | | | 6953174 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 0.47 | 52.8 | Lg | 12:26:11.581 | -2.4 | | | | | T__ | | | | | | 6953176 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| MPLH | 0.74 | 238.3 | Lg | 12:26:22.055 | 0.2 | T__ | --- | 6953177 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 0.97 | 15.1 | Lg | 12:26:28.408 | -1.4 | T__ | --- | 6953173 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 1.01 | 71.0 | Lg | 12:26:29.084 | -2.9 | T__ | --- | 6953178 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| PSZ | 1.03 | 69.2 | Lg | 12:26:29.937 | -3.4 | T__ | --- | 6953172 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/17 | 09:52:12.42 | 0.98 | 0.91 | 45.6416 | 17.2900 | 6.0 | 5.5 | 125 | 0.0f | 12 | 6 | 126 | 0.72 | 1.30 | sx | BUD | 17003620 | BUD | | | | 220 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | 0.1 | 6 BUD | 17003620 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.72 | 51.4 | Pg | 09:52:27.163 | -0.1 | | | | | T__ | | 120.6 | | --- | ML | 2.0 | 6953299 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.72 | 51.4 | Lg | 09:52:38.279 | 0.6 | | | | | T__ | | | | --- | | 6953300 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLY | 0.90 | 184.8 | Pg | 09:52:29.798 | -0.0 | | | | | T__ | | 148.0 | | --- | ML | 2.2 | 6953301 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 0.90 | 184.8 | Lg | 09:52:41.490 | 0.3 | | | | | T__ | | | | --- | | 6953298 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.96 | 286.5 | Pg | 09:52:31.670 | 0.0 | | | | | T__ | | 130.0 | | --- | ML | 2.1 | 6953302 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.96 | 286.5 | Lg | 09:52:45.652 | 0.3 | | | | | T__ | | | | --- | | 6953303 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 1.08 | 318.5 | Pg | 09:52:33.542 | -0.3 | | | | | T__ | | 154.2 | | --- | ML | 2.3 | 6953304 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 1.08 | 318.5 | Lg | 09:52:49.442 | 1.3 | | | | | T__ | | | | --- | | 6953305 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.11 | 58.3 | Pn | 09:52:33.249 | -0.8 | | | | | T__ | | 50.5 | | --- | ML | 1.8 | 6953296 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.11 | 58.3 | Sn | 09:52:48.812 | -1.6 | | | | | T__ | | | | --- | | 6953297 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 1.30 | 278.8 | Pg | 09:52:36.638 | -0.7 | | | | | T__ | | 109.0 | | --- | ML | 2.3 | 6953307 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 1.30 | 278.8 | Sn | 09:52:54.434 | -1.2 | | | | | T__ | | | | --- | | 6953306 | FDSN | SL | -- | BUD | iLoc | BHZ | ??? | _ | |
| (Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|--|-----|
| 2021/11/17 | 10:56:12.36 | 0.93 | 0.42 | 47.8874 | 16.0875 | 5.9 | 3.5 | 26 | 0.0f | 11 | 7 | 84 | 0.16 | 1.19 | sx | BUD | 17003624 | BUD | | | | | | 152 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.6 | 4 BUD | 17003624 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.16 | 285.1 | Pg | 10:56:15.358 | -0.4 | | | | | T__ | | 151.7 | | --- | ML | 0.9 | 6953475 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.16 | 285.1 | Lg | 10:56:18.017 | -0.1 | | | | | T__ | | | | --- | | 6953476 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.23 | 143.1 | Pg | 10:56:17.469 | 0.1 | | | | | T__ | | 84.1 | | --- | ML | 0.9 | 6953477 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.23 | 143.1 | Lg | 10:56:20.584 | -0.2 | | | | | T__ | | | | --- | | 6953480 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |

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(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
A013A 0.49 291.3 Pg 10:56:22.335 0.5 T__ 102.3 ___ ML 1.7 6953482 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.49 291.3 Lg 10:56:28.593 0.4 T__ ___ 6953481 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A018A 0.70 258.4 Lg 10:56:34.650 0.0 T__ ___ 6953483 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.74 211.2 Lg 10:56:35.956 -0.1 T__ ___ 6953484 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.93 58.2 Lg 10:56:45.187 -0.5 T__ ___ 6953485 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.19 9.8 Pg 10:56:35.907 0.7 T__ 78.4 ___ ML 2.1 6953479 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.19 9.8 Sn 10:56:52.910 0.2 T__ ___ 6953478 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/17 | 11:56:42.00 | 3.73 | 1.26 | 46.8788 | 22.6885 | 27.4 | 18.4 | 33 | 0.0f | | 9 | 5 | 282 | 0.09 | 1.62 | sx | BUD | 17003626 | BUD | | | 301 |

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.5 4 BUD 17003626

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.09 169.9 Pg 11:56:44.373 0.2 T__ 335.2 ___ ML 1.1 6953513 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.09 169.9 Lg 11:56:45.986 -0.1 T__ ___ 6953514 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
SIRR 0.94 229.6 Pn 11:57:00.800 -0.6 T__ 31.3 ___ ML 1.5 6953515 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.94 229.6 Lg 11:57:14.453 -0.1 T__ ___ 6953520 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
BZS 1.47 210.9 Sn 11:57:29.310 -0.0 T__ ___ 6953516 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.49 177.6 Pn 11:57:09.786 0.3 T__ 52.2 ___ ML 2.0 6953517 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.49 177.6 Sn 11:57:29.337 -1.1 T__ ___ 6953521 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
LOT 1.62 151.9 Pn 11:57:10.207 -1.4 T__ 61.4 ___ ML 2.2 6953519 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.62 151.9 Sn 11:57:31.641 -2.4 T__ ___ 6953518 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/17 | 14:14:22.38 | 0.86 | 0.74 | 46.3641 | 18.7662 | 4.5 | 3.1 | 167 | 9.5 | 8.2 | 16 | 11 | 111 | 0.17 | 1.21 | ke | BUD | 17003628 | BUD | | | 138 |

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.3 7 BUD 17003628

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MORH 0.17 209.7 Pg 14:14:26.303 -0.1 T__ 591.7 _d ML 1.5 6953655 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.17 209.7 Lg 14:14:28.848 -0.7 T__ ___ 6953665 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0

```

| | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--------|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU22A | 0.26 | 98.0 | Pg | 14:14:28.461 | 0.5 | T__ | 676.6 | _c_ ML | 1.8 | 6953657 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU22A | 0.26 | 98.0 | Lg | 14:14:32.567 | 0.0 | T__ | | --- | | 6953668 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | |
| A266A | 0.38 | 295.2 | Pg | 14:14:30.567 | 0.2 | T__ | 323.7 | ___ ML | 1.9 | 6953656 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A266A | 0.38 | 295.2 | Lg | 14:14:36.285 | 0.1 | T__ | | --- | | 6953669 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | |
| A272A | 0.40 | 19.8 | Lg | 14:14:37.029 | -0.5 | T__ | | --- | | 6953664 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| KOVH | 0.54 | 239.4 | Pg | 14:14:33.136 | -0.1 | T__ | 79.1 | ___ ML | 1.7 | 6953654 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.54 | 239.4 | Lg | 14:14:40.760 | -0.2 | T__ | | --- | | 6953661 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| HU04A | 0.66 | 47.3 | Pg | 14:14:35.886 | 0.1 | T__ | 241.0 | ___ ML | 2.3 | 6953658 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU04A | 0.66 | 47.3 | Lg | 14:14:45.287 | -0.9 | T__ | | --- | | 6953659 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | |
| HU21A | 0.67 | 92.3 | Lg | 14:14:45.855 | -0.4 | T__ | | --- | | 6953662 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| A265A | 0.67 | 275.5 | Pg | 14:14:36.190 | 0.4 | T__ | 685.7 | ___ ML | 2.7 | 6953666 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | |
| A273A | 0.80 | 236.2 | Pn | 14:14:39.292 | 1.1 | T__ | 437.6 | ___ ML | 2.6 | 6953660 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | |
| CSKK | 1.06 | 341.0 | Sn | 14:14:57.726 | 0.5 | T__ | | --- | | 6953667 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU08A | 1.21 | 331.9 | Sn | 14:15:02.636 | 1.7 | T__ | | --- | | 6953663 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/18 | 08:33:02.69 | 1.95 | 1.30 | 47.3930 | 18.3915 | 15.5 | 5.0 | 132 | 0.0f | | 9 | 8 | 108 | 0.09 | 1.19 | sx | BUD | 17003630 | BUD | | | 187 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|--------|-----------|---------|------|--------|----|------|------|-----|-----|---|--|
| MSW1 | 0.09 | 270.0 | Lg | 08:33:08.073 | 0.5 | | | | | T__ | | | | | | 6953788 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| CSKK | 0.09 | 251.5 | Pg | 08:33:05.732 | 0.5 | | | | | T__ | 693.0 | | | ___ ML | 1.4 | 6953780 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CSKK | 0.09 | 251.5 | Lg | 08:33:06.591 | -1.1 | | | | | T__ | | | | --- | | 6953781 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.25 | 358.6 | Lg | 08:33:12.887 | 0.1 | | | | | T__ | | | | --- | | 6953782 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.32 | 277.0 | Lg | 08:33:14.258 | -1.0 | | | | | T__ | | | | --- | | 6953783 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.11 | 63.5 | Sn | 08:33:40.864 | -0.8 | | | | | T__ | | | | --- | | 6953784 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.14 | 15.0 | Lg | 08:33:41.713 | -0.8 | | | | | T__ | | | | --- | | 6953787 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.14 | 62.1 | Sn | 08:33:41.310 | -1.6 | | | | | T__ | | | | --- | | 6953785 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.19 | 171.6 | Sn | 08:33:41.318 | -1.9 | | | | | T__ | | | | --- | | 6953786 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/18 | 09:00:27.24 | 0.97 | 0.59 | 46.1024 | 18.0598 | 6.2 | 3.7 | 139 | 0.0f | | 9 | 5 | 119 | 0.03 | 1.13 | sx | BUD | 17003632 | BUD | | | 224 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.3 | 4 BUD | 17003632 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.03 | 116.9 | Pg | 09:00:28.951 | 0.4 | | | | | T__ | | 1577.4 | | _c_ | ML | 1.6 | 6953832 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.03 | 116.9 | Lg | 09:00:29.283 | -0.8 | | | | | T__ | | | | --- | | 6953838 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.25 | 222.5 | Pg | 09:00:33.104 | 0.3 | | | | | T__ | | 568.3 | | --- | ML | 1.8 | 6953833 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.25 | 222.5 | Lg | 09:00:36.287 | -0.5 | | | | | T__ | | | | --- | | 6953839 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.42 | 74.3 | Pg | 09:00:36.611 | 0.5 | | | | | T__ | | 80.4 | | --- | ML | 1.4 | 6953835 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.42 | 74.3 | Lg | 09:00:42.121 | -0.9 | | | | | T__ | | | | --- | | 6953834 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.45 | 18.5 | Pg | 09:00:36.738 | 0.0 | | | | | T__ | | 262.8 | | --- | ML | 2.0 | 6953840 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A266A | 0.45 | 18.5 | Lg | 09:00:44.041 | 0.2 | | | | | T__ | | | | --- | | 6953836 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.13 | 341.6 | Sn | 09:01:06.115 | 0.2 | | | | | T__ | | | | --- | | 6953837 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/18 | 09:30:25.28 | 0.93 | 0.68 | 47.8828 | 16.0410 | 5.9 | 4.8 | 174 | 0.0f | | 14 | 8 | 77 | 0.13 | 1.49 | sx | BUD | 17003634 | BUD | | | 150 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 6 BUD | 17003634 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.13 | 290.7 | Pg | 09:30:28.585 | 0.5 | | | | | T__ | | 300.8 | | --- | ML | 1.1 | 6953876 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.13 | 290.7 | Lg | 09:30:29.665 | -0.5 | | | | | T__ | | | | --- | | 6953882 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.25 | 136.7 | Pg | 09:30:30.617 | 0.1 | | | | | T__ | | 166.9 | | --- | ML | 1.2 | 6953877 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.25 | 136.7 | Lg | 09:30:34.341 | 0.1 | | | | | T__ | | | | --- | | 6953878 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| AO18A | 0.66 | 258.3 | Pg | 09:30:38.242 | 0.1 | | | | | T__ | | 82.4 | | --- | ML | 1.8 | 6953879 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| AO18A | 0.66 | 258.3 | Lg | 09:30:46.175 | -0.4 | | | | | T__ | | | | --- | | 6953883 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.72 | 209.2 | Pg | 09:30:39.049 | -0.2 | | | | | T__ | | 102.6 | | --- | ML | 1.9 | 6953880 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.72 | 209.2 | Lg | 09:30:48.202 | -0.2 | | | | | T__ | | | | --- | | 6953884 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.96 | 58.9 | Lg | 09:30:58.765 | -0.9 | | | | | T__ | | | | --- | | 6953885 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.20 | 11.2 | Pg | 09:30:48.743 | 0.4 | | | | | T__ | | 76.4 | | --- | ML | 2.1 | 6953881 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.20 | 11.2 | Sn | 09:31:05.580 | -0.3 | | | | | T__ | | | | --- | | 6953886 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.46 | 47.4 | Sn | 09:31:13.807 | 0.6 | | | | | T__ | | | | --- | | 6953887 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| CKRC | 1.49 | 309.7 | Pg | 09:30:54.887 | 1.7 | | | | | T__ | | 181.5 | | --- | ML | 2.6 | 6953889 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.49 | 309.7 | Sn | 09:31:12.887 | -0.2 | | | | | T__ | | | | --- | | 6953888 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 2.6 magdef=0)

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/18 | 09:34:19.97 | 1.38 | 1.10 | 47.3718 | 18.3648 | 9.6 | 4.2 | 126 | 0.0f | | 23 | 17 | 107 | 0.07 | 1.64 | sx | BUD | 17003636 | BUD | | | 125 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.2 | 6 BUD | 17003636 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.07 | 263.0 | Pg | 09:34:22.868 | 0.8 | | | | | T__ | | 6255.8 | | _c_ | ML | 2.3 | 6953969 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.07 | 263.0 | Lg | 09:34:23.636 | -0.6 | | | | | T__ | | | | --- | | 6953972 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.07 | 286.4 | Pg | 09:34:23.106 | 1.0 | | | | | T__ | | 2086.4 | | --- | ML | 1.8 | 6953988 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.07 | 286.4 | Lg | 09:34:23.990 | -0.3 | | | | | T__ | | | | --- | | 6953989 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.13 | 236.4 | Lg | 09:34:25.294 | -0.8 | | | | | T__ | | | | --- | | 6953990 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW3 | 0.16 | 274.1 | Lg | 09:34:26.389 | -0.8 | | | | | T__ | | | | --- | | 6953991 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.27 | 2.6 | Lg | 09:34:30.002 | -0.8 | | | | | T__ | | | | --- | | 6953973 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.31 | 281.4 | Lg | 09:34:31.274 | -0.8 | | | | | T__ | | | | --- | | 6953974 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| SRD | 0.44 | 355.5 | Lg | 09:34:35.853 | -1.1 | | | | | T__ | | | | --- | | 6953975 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| MPLH | 0.60 | 250.6 | Pg | 09:34:32.316 | 0.1 | | | | | T__ | | 71.2 | | --- | ML | 1.7 | 6953977 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.60 | 250.6 | Lg | 09:34:40.623 | -0.8 | | | | | T__ | | | | --- | | 6953976 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.14 | 63.0 | Pn | 09:34:42.977 | 0.9 | | | | | T__ | | 59.2 | | --- | ML | 1.9 | 6953970 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.14 | 63.0 | Sn | 09:34:57.820 | -1.7 | | | | | T__ | | | | --- | | 6953978 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.17 | 15.6 | Pn | 09:34:43.577 | 0.9 | | | | | T__ | | 27.4 | | --- | ML | 1.6 | 6953982 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.17 | 15.6 | Sn | 09:34:59.362 | -1.4 | | | | | T__ | | | | --- | | 6953981 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.17 | 61.6 | Pn | 09:34:43.526 | 0.8 | | | | | T__ | | 84.0 | | --- | ML | 2.1 | 6953971 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.17 | 61.6 | Sn | 09:34:58.812 | -2.0 | | | | | T__ | | | | --- | | 6953979 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.17 | 170.5 | Sn | 09:34:58.172 | -1.9 | | | | | T__ | | | | --- | | 6953980 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ZST | 1.19 | 314.6 | Sn | 09:35:00.177 | -0.6 | | | | | T__ | | | | --- | | 6953983 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.24 | 324.3 | Sn | 09:35:01.318 | -1.2 | | | | | T__ | | | | --- | | 6953984 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.30 | 188.2 | Sn | 09:35:02.294 | -0.8 | | | | | T__ | | | | --- | | 6953985 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.44 | 283.9 | Sn | 09:35:07.146 | 0.4 | | | | | T__ | | | | --- | | 6953986 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 1.64 | 62.0 | Sn | 09:35:12.001 | 0.1 | | | | | T__ | | | | --- | | 6953987 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/18 | 09:48:56.45 | 0.90 | 1.46 | 48.7110 | 18.7372 | 4.8 | 3.6 | 17 | 0.0f | | 21 | 14 | 132 | 0.23 | 1.33 | sx | BUD | 17003638 | BUD | | | 177 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.1 | 0.1 | 6 BUD | 17003638 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.23 | 163.1 | Pg | 09:49:02.344 | 1.1 | | | | | T__ | | 107.8 | | ___ | ML | 1.0 | 6954040 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.23 | 163.1 | Lg | 09:49:05.098 | 0.2 | | | | | T__ | | | | --- | | 6954041 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.72 | 282.3 | Pg | 09:49:11.273 | 0.0 | | | | | T__ | | 106.8 | | ___ | ML | 1.9 | 6954042 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.72 | 282.3 | Lg | 09:49:22.350 | -0.1 | | | | | T__ | | | | --- | | 6954043 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A338A | 0.74 | 200.4 | Lg | 09:49:22.793 | -0.7 | | | | | T__ | | | | --- | | 6954044 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| HU10A | 0.89 | 167.7 | Pg | 09:49:15.040 | 0.5 | | | | | T__ | | 121.5 | | ___ | ML | 2.1 | 6954046 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.89 | 167.7 | Lg | 09:49:26.947 | -1.5 | | | | | T__ | | | | --- | | 6954045 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SRO | 0.94 | 197.7 | Lg | 09:49:29.273 | -1.1 | | | | | T__ | | | | --- | | 6954047 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| MODS | 1.03 | 251.4 | Lg | 09:49:31.876 | -0.8 | | | | | T__ | | | | --- | | 6954048 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| HU09A | 1.10 | 192.6 | Sn | 09:49:34.092 | -1.3 | | | | | T__ | | | | --- | | 6954051 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.11 | 135.3 | Lg | 09:49:32.873 | -3.1 | | | | | T__ | | | | --- | | 6954049 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 1.13 | 137.3 | Sn | 09:49:34.147 | -1.8 | | | | | T__ | | | | --- | | 6954050 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 1.18 | 100.5 | Pg | 09:49:20.926 | 1.1 | | | | | T__ | | 88.7 | | ___ | ML | 2.1 | 6954038 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 1.18 | 100.5 | Lg | 09:49:35.200 | -1.5 | | | | | T__ | | | | --- | | 6954052 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 1.20 | 245.3 | Pn | 09:49:22.295 | 2.4 | | | | | T__ | | | | --- | | 6954055 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ZST | 1.20 | 245.3 | Sn | 09:49:37.747 | -0.3 | | | | | T__ | | | | --- | | 6954056 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| JOS | 1.22 | 99.5 | Pn | 09:49:21.203 | 1.4 | | | | | T__ | | 72.8 | | ___ | ML | 2.0 | 6954039 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.22 | 99.5 | Lg | 09:49:35.864 | -1.8 | | | | | T__ | | | | --- | | 6954053 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.25 | 54.9 | Lg | 09:49:37.692 | 0.1 | | | | | T__ | | | | --- | | 6954054 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU02A | 1.33 | 115.7 | Pn | 09:49:23.181 | 1.7 | | | | | T__ | | 76.7 | | ___ | ML | 2.1 | 6954058 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.33 | 115.7 | Sn | 09:49:40.350 | -0.9 | | | | | T__ | | | | --- | | 6954057 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/18 | 09:54:08.13 | 1.34 | 1.01 | 48.5351 | 20.8182 | 7.1 | 6.0 | 36 | 0.0f | | 12 | 9 | 151 | 0.19 | 1.81 | sx | BUD | 17003640 | BUD | | | 226 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.2 | 3 BUD | 17003640 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 258.1 | Pg | 09:54:12.835 | 0.7 | | | | | T__ | | 352.1 | | _c_ | ML | 1.4 | 6954092 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 258.1 | Lg | 09:54:15.175 | -0.1 | | | | | T__ | | | | --- | | 6954093 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 256.9 | Pg | 09:54:13.301 | 0.4 | | | | | T__ | | 1202.0 | | ___ | ML | 2.0 | 6954095 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 256.9 | Lg | 09:54:16.236 | -0.3 | | | | | T__ | | | | --- | | 6954094 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 130.3 | Lg | 09:54:21.988 | -0.3 | | | | | T__ | | | | --- | | 6954097 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| HU02A | 0.46 | 205.4 | Lg | 09:54:24.893 | -0.4 | T__ | | | | | | | | 6954098 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| PSZ | 0.87 | 225.4 | Pg | 09:54:27.098 | 0.5 | T__ | 75.6 | | | | | | | 6954096 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.87 | 225.4 | Lg | 09:54:38.286 | -1.4 | T__ | | | | | | | | 6954099 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.91 | 224.3 | Lg | 09:54:39.510 | -1.1 | T__ | | | | | | | | 6954101 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| NIE | 0.95 | 339.1 | Lg | 09:54:38.368 | -1.1 | T__ | | | | | | | | 6954100 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| VVHS | 1.32 | 269.0 | Sn | 09:54:50.896 | -1.7 | T__ | | | | | | | | 6954102 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| OJC | 1.81 | 338.8 | Sn | 09:55:04.381 | -0.8 | T__ | | | | | | | | 6954103 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/11/18 | 10:07:18.16 | 0.94 | 1.25 | 46.0075 | 22.7157 | 5.8 | 3.9 | 51 | 0.0f | 11 | 7 | 86 | 0.18 | 0.93 | sx | BUD | 17003642 | BUD | | | | 127 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.8 | 0.1 | 4 BUD | 17003642 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| DEV | 0.18 | 133.4 | Pg | 10:07:22.264 | 0.7 | | | | | T__ | | 1004.0 | | ___ | ML | 1.8 | 6954131 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.18 | 133.4 | Lg | 10:07:24.230 | 0.1 | | | | | T__ | | | | ___ | | 6954137 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.62 | 176.0 | Pg | 10:07:30.281 | 0.3 | | | | | T__ | | 73.8 | | ___ | ML | 1.7 | 6954133 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.62 | 176.0 | Lg | 10:07:37.647 | -1.1 | | | | | T__ | | | | ___ | | 6954132 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.78 | 289.9 | Pg | 10:07:35.210 | 1.1 | | | | | T__ | | 44.2 | | ___ | ML | 1.6 | 6954135 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.78 | 289.9 | Lg | 10:07:44.570 | -1.0 | | | | | T__ | | | | ___ | | 6954134 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.78 | 359.8 | Pg | 10:07:34.213 | 0.3 | | | | | T__ | | 75.3 | | ___ | ML | 1.8 | 6954136 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.78 | 359.8 | Lg | 10:07:45.263 | -0.8 | | | | | T__ | | | | ___ | | 6954138 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.86 | 243.4 | Lg | 10:07:45.798 | -1.4 | | | | | T__ | | | | ___ | | 6954140 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 0.93 | 126.8 | Lg | 10:07:47.713 | -1.7 | | | | | T__ | | | | ___ | | 6954139 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| CJR | 0.93 | 40.6 | Lg | 10:07:49.337 | -1.6 | | | | | T__ | | | | ___ | | 6954141 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/11/18 | 10:32:57.35 | 1.52 | 1.22 | 48.4208 | 20.7311 | 11.3 | 4.1 | 82 | 0.0f | 9 | 5 | 118 | 0.15 | 1.24 | sx | BUD | 17003644 | BUD | | | | 220 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.0 | 0.0 | 4 BUD | 17003644 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| JOS | 0.15 | 300.5 | Pg | 10:33:00.943 | 0.4 | | | | | T__ | | 208.4 | | _c | ML | 1.0 | 6954225 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.15 | 300.5 | Lg | 10:33:02.824 | -0.3 | | | | | T__ | | | | ___ | | 6954227 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.17 | 291.0 | Pg | 10:33:01.384 | 0.3 | | | | | T__ | | 175.2 | | ___ | ML | 1.0 | 6954226 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.17 | 291.0 | Lg | 10:33:03.825 | -0.2 | | | | | T__ | | | | ___ | | 6954228 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.33 204.8 Pg 10:33:04.767 0.2 T__ 69.3 ___ ML 1.1 6954233 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.33 204.8 Lg 10:33:09.585 -0.6 T__ ___ 6954229 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
NIE 1.04 344.2 Pg 10:33:17.555 0.6 T__ 51.3 ___ ML 1.8 6954231 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.04 344.2 Lg 10:33:31.179 -1.3 T__ ___ 6954230 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TRPA 1.24 102.9 Sn 10:33:37.188 -2.5 T__ ___ 6954232 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/18 10:59:37.83 0.92 0.45 48.4389 19.5762 5.9 3.5 7 0.0f 11 7 116 0.50 1.09 sx BUD 17003646 BUD 225

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 4 BUD 17003646

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.50 276.7 Pg 10:59:48.331 0.3 T__ 29.7 ___ ML 1.2 6954267 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.50 276.7 Lg 10:59:54.867 -0.6 T__ ___ 6954268 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.56 157.6 Lg 10:59:58.651 -0.1 T__ ___ 6954265 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.59 160.5 Lg 10:59:59.049 -0.4 T__ ___ 6954270 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.61 85.5 Pg 10:59:50.381 0.4 T__ 88.1 ___ ML 1.8 6954264 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.61 85.5 Lg 10:59:59.118 -0.1 T__ ___ 6954269 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 0.64 84.6 Pg 10:59:50.786 0.1 T__ 58.3 ___ ML 1.6 6954266 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.64 84.6 Lg 11:00:00.188 -0.2 T__ ___ 6954271 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.71 116.2 Pg 10:59:52.996 0.4 T__ 52.1 ___ ML 1.6 6954273 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.71 116.2 Lg 11:00:02.965 -0.7 T__ ___ 6954272 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE 1.09 25.7 Lg 11:00:13.951 -0.4 T__ ___ 6954274 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/18 11:02:48.61 1.03 0.49 48.4357 19.5593 8.5 4.2 18 0.0f 6 4 167 0.48 0.66 sx BUD 17003648 BUD 287

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.48 277.2 Pg 11:02:58.846 0.3 T__ 22.5 ___ ML 1.0 6954300 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.48 277.2 Lg 11:03:05.319 -0.5 T__ ___ 6954301 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ 0.56 156.4 Pg 11:03:01.061 0.3 T__ 82.2 ___ ML 1.7 6954299 FDSN GE -- BUD iLoc HHZ HHZ _

```

```

PSZ 0.56 156.4 Lg 11:03:09.230 -0.4 T__ --- 6954298 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.62 85.3 Lg 11:03:10.227 -0.2 T__ --- 6954297 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.66 84.4 Lg 11:03:11.263 -0.3 T__ --- 6954302 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/18 11:17:31.73 1.04 1.10 47.9044 18.9937 7.7 3.9 77 0.0f 10 6 153 0.06 1.30 sx BUD 17003650 BUD 229

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.3 4 BUD 17003650

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.06 164.2 Pg 11:17:33.768 0.3 T__ 849.5 --- ML 1.4 6954355 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.06 164.2 Lg 11:17:34.544 -0.6 T__ --- 6954364 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 0.60 349.9 Pg 11:17:44.204 0.2 T__ 28.7 --- ML 1.3 6954356 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.60 349.9 Lg 11:17:52.789 -0.2 T__ --- 6954359 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.61 88.3 Pg 11:17:44.892 0.1 T__ 72.1 --- ML 1.7 6954358 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.61 88.3 Lg 11:17:54.308 -0.0 T__ --- 6954363 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 1.05 77.5 Pn 11:17:53.039 0.3 T__ 64.2 --- ML 1.9 6954357 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.05 77.5 Sn 11:18:09.405 -0.1 T__ --- 6954360 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 1.19 59.6 Sn 11:18:12.988 0.4 T__ --- 6954362 FDSN ZJ -- BUD iLoc HHN ??? _
JAVC 1.30 317.8 Sn 11:18:13.824 -2.8 T__ --- 6954361 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/18 14:54:53.64 1.23 1.22 47.1803 19.3381 21.6 6.0 121 0.0f 8 5 168 0.25 1.39 sx BUD 17003652 BUD 180

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 17003652

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU01A 0.25 49.3 Pg 14:55:00.302 0.6 T__ 944.1 --- ML 2.0 6954456 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU01A 0.25 49.3 Lg 14:55:03.590 -0.8 T__ --- 6954457 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 0.79 27.1 Pg 14:55:11.341 1.0 T__ 54.4 --- ML 1.7 6954453 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.79 27.1 Lg 14:55:20.303 -1.9 T__ --- 6954458 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 0.83 26.8 Pg 14:55:12.120 0.8 T__ 79.2 --- ML 1.9 6954452 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

MORH 1.08 206.6 Pn 14:55:14.756 0.1 T__ 34.1 ___ ML 1.6 6954451 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.08 206.6 Lg 14:55:29.765 -1.0 T__ ___ 6954454 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOVH 1.39 218.4 Sn 14:55:39.078 0.2 T__ ___ 6954455 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/18 15:12:09.62 0.98 1.20 47.2032 19.2863 22.0 4.2 118 0.0f 9 6 163 0.78 1.38 sx BUD 17003654 BUD 174

```

```

Magnitude Err Nsta Author OrigID
ML 2.1 0.2 6 BUD 17003654

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ET1H 0.78 30.2 Pg 15:12:27.119 0.9 T__ 94.3 ___ ML 1.9 6954534 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.78 30.2 Lg 15:12:37.078 -1.0 T__ ___ 6954538 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.83 29.7 Pg 15:12:28.031 0.8 T__ 97.5 ___ ML 1.9 6954533 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.83 29.7 Lg 15:12:38.352 -1.6 T__ ___ 6954535 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU22A 0.88 187.0 Pg 15:12:27.648 0.4 T__ 348.1 ___ ML 2.5 6954539 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
A266A 0.98 226.3 Pg 15:12:29.406 0.2 T__ 274.2 ___ ML 2.5 6954540 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
MORH 1.08 204.3 Pn 15:12:30.770 0.1 T__ 58.6 ___ ML 1.9 6954532 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.08 204.3 Lg 15:12:45.887 -1.1 T__ ___ 6954536 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
KOVH 1.38 216.7 Pn 15:12:36.484 1.5 T__ 81.0 ___ ML 2.2 6954537 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/18 19:53:36.47 0.79 1.01 47.4685 19.8111 4.1 2.6 113 5.1 7.4 42 25 37 0.18 1.81 ke BUD 17003656 BUD 58

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.2 18 BUD 17003656

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU01A 0.18 226.4 Pg 19:53:41.056 0.4 T__ 535.0 _c_ ML 1.5 6954720 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU01A 0.18 226.4 Lg 19:53:43.198 -0.6 T__ ___ 6954721 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU23A 0.34 60.0 Pg 19:53:44.483 0.6 T__ 248.8 ___ ML 1.6 6954718 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.34 60.0 Lg 19:53:49.644 0.4 T__ ___ 6954722 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0

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| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--------|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| BSZH | 0.35 | 118.4 | Pg | 19:53:44.086 | -0.1 | T__ | 428.2 | ___ ML | 1.9 | 6954738 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.41 | 5.6 | Pg | 19:53:45.009 | -0.3 | T__ | 66.7 | _d_ ML | 1.3 | 6954716 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ET1H | 0.41 | 5.6 | Lg | 19:53:51.361 | -0.2 | T__ | | --- | | 6954739 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.45 | 7.1 | Pg | 19:53:46.213 | -0.1 | T__ | 198.9 | ___ ML | 1.9 | 6954714 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 0.45 | 7.1 | Lg | 19:53:52.721 | -0.7 | T__ | | --- | | 6954715 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.46 | 341.9 | Pg | 19:53:46.380 | 0.3 | T__ | 126.2 | ___ ML | 1.7 | 6954717 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU03A | 0.46 | 341.9 | Lg | 19:53:52.191 | -0.8 | T__ | | --- | | 6954740 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU04A | 0.70 | 199.2 | Pg | 19:53:50.437 | -0.3 | T__ | 118.7 | ___ ML | 2.0 | 6954741 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU04A | 0.70 | 199.2 | Lg | 19:54:00.476 | -1.0 | T__ | | --- | | 6954723 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A271A | 0.74 | 245.1 | Pg | 19:53:52.190 | 0.9 | T__ | 227.7 | ___ ML | 2.3 | 6954749 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.81 | 36.1 | Pg | 19:53:52.513 | -0.6 | T__ | 73.5 | ___ ML | 1.8 | 6954719 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.81 | 36.1 | Lg | 19:54:03.933 | -1.5 | T__ | | --- | | 6954724 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.90 | 84.2 | Pn | 19:53:54.437 | 0.3 | T__ | 160.8 | ___ ML | 2.2 | 6954750 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU05A | 0.90 | 84.2 | Sn | 19:54:07.521 | -0.6 | T__ | | --- | | 6954742 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU06A | 0.92 | 145.4 | Pn | 19:53:55.369 | 1.0 | T__ | 206.4 | ___ ML | 2.3 | 6954751 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU06A | 0.92 | 145.4 | Sn | 19:54:08.634 | 0.4 | T__ | | --- | | 6954752 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A272A | 0.93 | 218.9 | Pn | 19:53:54.574 | 0.1 | T__ | 153.2 | ___ ML | 2.2 | 6954743 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A272A | 0.93 | 218.9 | Sn | 19:54:07.520 | -1.2 | T__ | | --- | | 6954725 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.98 | 280.5 | Pn | 19:53:55.777 | 0.3 | T__ | 120.3 | ___ ML | 2.1 | 6954753 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU09A | 0.98 | 280.5 | Sn | 19:54:09.043 | -1.4 | T__ | | --- | | 6954726 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CSKK | 1.06 | 264.9 | Sn | 19:54:11.699 | -0.6 | T__ | | --- | | 6954744 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 1.11 | 23.8 | Sn | 19:54:13.301 | -0.1 | T__ | | --- | | 6954745 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| A338A | 1.13 | 299.6 | Sn | 19:54:14.123 | 0.1 | T__ | | --- | | 6954754 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| HU21A | 1.14 | 182.9 | Sn | 19:54:14.744 | 1.1 | T__ | | --- | | 6954728 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| JOS | 1.14 | 25.2 | Pn | 19:53:58.630 | 1.0 | T__ | 72.4 | ___ ML | 2.0 | 6954727 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 1.14 | 25.2 | Sn | 19:54:14.207 | 0.2 | T__ | | --- | | 6954746 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.22 | 327.8 | Pn | 19:53:59.853 | 0.9 | T__ | 31.1 | ___ ML | 1.7 | 6954729 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | |
| VYHS | 1.22 | 327.8 | Sn | 19:54:15.915 | -0.6 | T__ | | --- | | 6954730 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.7 magdef=1
HU22A 1.23 202.5 Sn 19:54:17.818 1.8 T__
ABAH 1.27 48.7 Pn 19:54:00.744 1.4 T__ 109.9 --- ML 2.2 6954747 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.27 48.7 Sn 19:54:17.858 0.7 T__ --- 6954733 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU08A 1.28 269.0 Sn 19:54:17.634 -0.0 T__
MORH 1.49 213.0 Pg 19:54:05.433 -0.5 T__ 41.9 --- ML 1.9 6954748 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.49 213.0 Sn 19:54:23.682 1.5 T__ --- 6954734 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
SIRR 1.75 132.8 Sn 19:54:31.818 3.2 T__
KOVH 1.81 221.0 Pg 19:54:11.670 -0.6 T__ 62.8 --- ML 2.3 6954737 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.81 221.0 Sn 19:54:32.328 2.0 T__ --- 6954735 FDSN HU -- BUD iLoc HHN ??? _
KOVH 1.81 221.0 Lg 19:54:36.703 -0.4 T__ --- 6954736 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/19 07:59:43.55 1.35 0.96 47.8116 19.1624 13.4 4.9 6 0.0f 5 4 207 0.10 0.72 kx BUD 17003660 BUD 260
2021/11/19 07:59:43.98 1.01 1.19 47.8355 19.1270f 0.0f 5 4 192 0.07 0.69 kx BUD_GT 17003661 BUD_GT 258
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU10A 0.07 277.6 Pg 07:59:46.594 0.6 T__ 641.6 --- ML 1.3 6955371 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 277.6 Lg 07:59:47.342 -0.5 T__ --- 6955372 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
ET1H 0.50 84.8 Lg 08:00:01.174 -1.5 T__ --- 6955374 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.52 80.6 Lg 08:00:02.183 -1.6 T__ --- 6955375 FDSN GE -- BUD iLoc HHN ??? _
VYHS 0.69 343.6 Lg 08:00:08.730 0.5 T__ --- 6955373 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/19 08:50:20.23 0.85 0.92 48.4239 19.1284 6.9 2.8 26 0.0f 20 13 150 0.21 1.41 sx BUD 17003662 BUD 155

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.1 6 BUD 17003662
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
VYHS 0.21 289.9 Pg 08:50:25.356 0.7 T__ --- 6955415 FDSN SK -- BUD iLoc HHZ ??? _
VYHS 0.21 289.9 Lg 08:50:27.683 -0.4 T__ --- 6955416 FDSN SK -- BUD iLoc HHN ??? _
HU03A 0.61 148.6 Pg 08:50:33.055 0.1 T__ 145.5 --- ML 2.0 6955412 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.61 148.6 Lg 08:50:42.276 0.1 T__ --- 6955417 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.72 134.3 Pg 08:50:36.156 0.6 T__ 102.3 --- ML 1.9 6955411 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.72 134.3 Lg 08:50:45.710 -0.9 T__ --- 6955418 FDSN GE -- BUD iLoc HHN ??? _

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.74 137.3 Lg 08:50:46.596 -0.2 T__
KECS 0.91 85.7 Pg 08:50:38.759 0.5 T__ 93.8 --- ML 2.0 6955414 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.91 85.7 Lg 08:50:51.138 -0.6 T__ --- 6955420 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JOS 0.94 85.1 Pg 08:50:39.675 0.8 T__ 105.1 --- ML 2.0 6955422 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.94 85.1 Lg 08:50:52.358 -0.6 T__ --- 6955421 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 0.98 107.4 Pn 08:50:40.809 0.5 T__ 69.8 --- ML 1.9 6955413 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.98 107.4 Lg 08:50:53.963 -1.2 T__ --- 6955423 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
JAVC 1.06 294.8 Pg 08:50:42.168 0.4 T__ 228.4 --- ML 2.4 6955425 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.06 294.8 Lg 08:50:56.014 -1.9 T__ --- 6955424 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
CSKK 1.21 209.1 Sn 08:51:01.513 -0.3 T__ --- 6955427 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.23 268.4 Sn 08:51:01.488 -1.4 T__ --- 6955426 FDSN SK -- BUD iLoc HHN ??? _
HU08A 1.28 219.7 Sn 08:51:03.320 -0.1 T__ --- 6955428 FDSN ZJ 00 BUD iLoc HHE ??? _
ZST 1.37 261.2 Sn 08:51:06.662 0.8 T__ --- 6955429 FDSN SK -- BUD iLoc HHN ??? _
ABAH 1.41 94.4 Sn 08:51:08.194 1.7 T__ --- 6955430 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/19 09:00:31.60 2.01 1.28 47.7062 19.0798 14.1 3.9 20 0.0f 9 6 230 0.15 0.81 sx BUD 17003664 BUD 271

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 3 BUD 17003664

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.15 343.5 Pg 09:00:36.189 1.1 T__ 1839.7 --- ML 2.0 6955461 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.15 343.5 Lg 09:00:37.224 -0.8 T__ --- 6955463 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU03A 0.40 60.4 Pg 09:00:41.087 0.8 T__ 125.4 --- ML 1.5 6955466 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.40 60.4 Lg 09:00:46.404 -0.3 T__ --- 6955465 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.56 71.8 Pg 09:00:43.984 0.3 T__ 112.9 --- ML 1.9 6955462 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.56 71.8 Lg 09:00:51.610 -0.7 T__ --- 6955467 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A338A 0.58 302.5 Lg 09:00:51.596 -1.6 T__ --- 6955464 FDSN Z3 00 BUD iLoc HH2 ??? _
PSZ 0.59 68.6 Lg 09:00:52.441 -1.2 T__ --- 6955468 FDSN GE -- BUD iLoc HHN ??? _
VYHS 0.81 348.4 Lg 09:00:58.367 -1.5 T__ --- 6955469 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/19 09:30:27.74 0.95 1.16 48.5071 17.4711 7.0 3.2 129 0.0f 9 6 128 0.19 1.22 sx BUD 17003666 BUD 197

```


| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|--------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| MODS | 0.19 | 224.1 | Pg | 09:30:32.030 | -0.0 | | | | | T__ | | | | | | 6955508 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.19 | 224.1 | Lg | 09:30:34.010 | -1.6 | | | | | T__ | | | | | | 6955509 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| JAVC | 0.38 | 20.5 | Pg | 09:30:35.072 | -0.7 | | | | | T__ | | 153.2 | | --- | ML | 1.5 | 6955510 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.38 | 20.5 | Lg | 09:30:42.272 | 0.1 | | | | | T__ | | | | | | 6955511 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZST | 0.40 | 218.4 | Lg | 09:30:42.300 | -0.2 | | | | | T__ | | | | | | 6955514 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| KRUC | 0.90 | 308.4 | Lg | 09:30:59.729 | 1.4 | | | | | T__ | | | | | | 6955512 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 0.91 | 90.3 | Lg | 09:31:00.584 | 1.3 | | | | | T__ | | | | | | 6955515 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| CONA | 1.22 | 242.3 | Pg | 09:30:51.995 | 0.2 | | | | | T__ | | 102.7 | | --- | ML | 2.2 | 6955516 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.22 | 242.3 | Lg | 09:31:08.577 | 1.0 | | | | | T__ | | | | | | 6955513 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/19 | 09:38:15.01 | 0.93 | 1.08 | 48.2491 | 19.8680 | 4.9 | 3.1 | 129 | 0.0f | | 17 | 10 | 83 | 0.33 | 1.20 | sx | BUD | 17003668 | BUD | | | 165 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 7 BUD | 17003668 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.33 | 176.9 | Pg | 09:38:22.787 | 0.3 | | | | | T__ | | 464.4 | | --- | ML | 1.9 | 6955554 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.33 | 176.9 | Lg | 09:38:27.328 | -0.8 | | | | | T__ | | | | | | 6955555 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.37 | 179.7 | Pg | 09:38:23.629 | 0.5 | | | | | T__ | | 175.5 | | --- | ML | 1.6 | 6955556 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.37 | 179.7 | Lg | 09:38:29.057 | 0.1 | | | | | T__ | | | | | | 6955557 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.39 | 207.6 | Pg | 09:38:24.156 | 0.8 | | | | | T__ | | 216.5 | | --- | ML | 1.7 | 6955559 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.39 | 207.6 | Lg | 09:38:29.085 | -0.4 | | | | | T__ | | | | | | 6955558 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.46 | 105.9 | Pg | 09:38:25.139 | 0.4 | | | | | T__ | | 158.6 | | --- | ML | 1.8 | 6955562 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 105.9 | Lg | 09:38:31.231 | -1.0 | | | | | T__ | | | | | | 6955561 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.47 | 60.1 | Pg | 09:38:25.671 | 1.1 | | | | | T__ | | 180.9 | | --- | ML | 1.9 | 6955553 | FDSN | SK | -- | BUD | iLoc | EHE | EHZ | _ |
| KECS | 0.47 | 60.1 | Lg | 09:38:31.130 | -0.8 | | | | | T__ | | | | | | 6955560 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.51 | 60.9 | Pg | 09:38:26.304 | 1.0 | | | | | T__ | | 113.9 | | --- | ML | 1.8 | 6955552 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.51 | 60.9 | Lg | 09:38:32.084 | -1.1 | | | | | T__ | | | | | | 6955563 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.66 | 157.1 | Lg | 09:38:38.092 | -1.1 | | | | | T__ | | | | | | 6955564 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 0.73 | 290.0 | Lg | 09:38:39.156 | -1.4 | | | | | T__ | | | | | | 6955565 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.92 | 86.6 | Pg | 09:38:34.797 | 1.6 | | | | | T__ | | 155.6 | | --- | ML | 2.2 | 6955567 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | |
|----------------------------|------|------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ABAH | 0.92 | 86.6 | Lg | 09:38:45.929 | -1.7 | T__ | --- | 6955566 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | |
| NIE | 1.20 | 13.5 | Lg | 09:38:54.603 | -0.7 | T__ | --- | 6955568 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/11/19 | 10:27:03.52 | 1.40 | 1.10 | 48.2211 | 21.2536 | 8.6 | 4.9 | 131 | 0.0f | 14 | 10 | 78 | 0.08 | 1.97 | kx | BUD | 17003670 | BUD | | | | 154 |
| 2021/11/19 | 10:27:03.80 | 0.92 | 1.09 | 48.2470 | 21.2460f | | | | 0.0f | 14 | 10 | 76 | 0.05 | 2.00 | kx | BUD_GT | 17003671 | BUD_GT | | | | 151 |
| (locality : Táallya Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.9 | 0.3 | 4 BUD_GT | 17003671 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 10:27:06.047 | 0.7 | | | | | T__ | | 6613.1 | | --- | ML | 2.3 | 6955607 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 10:27:06.780 | -0.2 | | | | | T__ | | | | --- | | 6955609 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 10:27:14.662 | 0.3 | | | | | T__ | | 82.9 | | --- | ML | 1.6 | 6955611 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 10:27:21.017 | -1.5 | | | | | T__ | | | | --- | | 6955610 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 10:27:15.721 | 1.2 | | | | | T__ | | 89.7 | | --- | ML | 1.7 | 6955612 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 10:27:22.229 | -0.5 | | | | | T__ | | | | --- | | 6955608 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Lg | 10:27:22.889 | -0.7 | | | | | T__ | | | | --- | | 6955613 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| TRPA | 0.87 | 97.2 | Lg | 10:27:33.448 | -1.8 | | | | | T__ | | | | --- | | 6955614 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.96 | 250.6 | Lg | 10:27:37.264 | -1.3 | | | | | T__ | | | | --- | | 6955615 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 0.97 | 44.4 | Lg | 10:27:37.152 | -0.9 | | | | | T__ | | | | --- | | 6955616 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.99 | 248.7 | Pn | 10:27:23.813 | -0.0 | | | | | T__ | | 104.5 | | --- | ML | 2.1 | 6955618 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 10:27:36.939 | -2.2 | | | | | T__ | | | | --- | | 6955617 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.33 | 332.3 | Sn | 10:27:48.555 | -0.2 | | | | | T__ | | | | --- | | 6955619 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| SIRR | 2.00 | 171.8 | Lg | 10:28:10.283 | -0.2 | | | | | T__ | | | | --- | | 6955620 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/19 | 12:27:16.56 | 1.04 | 1.28 | 47.3296 | 17.6791 | 7.4 | 4.5 | 147 | 0.0f | 10 | 9 | 90 | 0.19 | 1.30 | sx | BUD | 17003672 | BUD | | | | 124 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MPLH | 0.19 | 210.9 | Pg | 12:27:21.376 | 0.5 | | | | | T__ | | 387.4 | | --- | ML | 1.4 | 6955647 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.19 | 210.9 | Lg | 12:27:23.100 | -1.4 | | | | | T__ | | | | --- | | 6955648 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.19 | 58.4 | Lg | 12:27:24.555 | -0.4 | | | | | T__ | | | | --- | | 6955649 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| EGYH | 0.25 | 290.5 | Lg | 12:27:25.501 | -1.2 | | | | | T__ | | | | --- | | 6955650 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU09A | 0.57 | 56.8 | Lg | 12:27:37.542 | -0.4 | T__ | --- | 6955652 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ |
| A262A | 0.91 | 239.8 | Lg | 12:27:47.280 | 0.5 | T__ | --- | 6955653 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| RONA | 1.01 | 292.1 | Lg | 12:27:50.542 | 0.6 | T__ | --- | 6955654 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.08 | 345.6 | Sn | 12:27:52.796 | -2.2 | T__ | --- | 6955655 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| KOVH | 1.28 | 166.7 | Sn | 12:27:59.835 | 0.9 | T__ | --- | 6955656 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.30 | 148.9 | Sn | 12:28:00.693 | 1.2 | T__ | --- | 6955657 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/11/20 | 10:48:07.58 | 0.96 | 0.85 | 46.1710 | 18.2843 | 7.6 | 3.4 | 160 | 0.0f | 9 | 7 | 157 | | 0.15 | 1.12 | kx | BUD | 17003674 | BUD | | | 206 |
| 2021/11/20 | 10:48:07.59 | 0.95 | 0.68 | 46.1765 | 18.2926f | | | | 0.0f | 9 | 7 | 155 | | 0.16 | 1.12 | kx | BUD_GT | 17003675 | BUD_GT | | | 205 |

(locality : Komló Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 10:48:11.593 | 0.1 | | | | | T__ | | 623.3 | | _c_ | ML | 1.5 | 6955694 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 10:48:13.718 | -0.8 | | | | | T__ | | | | --- | | 6955696 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 10:48:13.812 | 0.7 | | | | | T__ | | 186.2 | | --- | ML | 1.3 | 6955695 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 10:48:16.937 | -0.6 | | | | | T__ | | | | --- | | 6955697 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Lg | 10:48:20.650 | -0.3 | | | | | T__ | | | | --- | | 6955698 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A265A | 0.42 | 305.9 | Lg | 10:48:22.693 | -0.4 | | | | | T__ | | | | --- | | 6955699 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU22A | 0.60 | 75.1 | Lg | 10:48:29.348 | -0.8 | | | | | T__ | | | | --- | | 6955700 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| BEHE | 1.09 | 286.2 | Lg | 10:48:44.623 | 0.4 | | | | | T__ | | | | --- | | 6955701 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.12 | 332.7 | Sn | 10:48:45.126 | -1.1 | | | | | T__ | | | | --- | | 6955702 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/22 | 09:15:02.56 | 1.12 | 0.75 | 47.6253 | 16.6767 | 7.9 | 4.2 | 171 | 0.0f | 10 | 7 | 142 | | 0.10 | 1.09 | sx | BUD | 17003678 | BUD | | | 216 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SOP | 0.10 | 306.0 | Pg | 09:15:04.936 | -0.0 | | | | | T__ | | 703.8 | | --- | ML | 1.4 | 6956120 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.10 | 306.0 | Lg | 09:15:06.343 | -0.4 | | | | | T__ | | | | --- | | 6956119 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.27 | 286.3 | Pg | 09:15:08.428 | 0.2 | | | | | T__ | | 56.8 | | --- | ML | 0.8 | 6956117 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.27 | 286.3 | Lg | 09:15:11.346 | -0.8 | | | | | T__ | | | | --- | | 6956118 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.63 | 299.2 | Lg | 09:15:23.279 | -0.1 | | | | | T__ | | | | --- | | 6956124 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.85 | 28.1 | Pg | 09:15:20.935 | 1.0 | | | | | T__ | | | | --- | | 6956123 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.85 | 28.1 | Lg | 09:15:32.296 | -0.9 | | | | | T__ | | | | --- | | 6956122 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| HU08A | 0.87 | 102.5 | Lg | 09:15:32.920 | -0.7 | | | | | T__ | | | | --- | | 6956125 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.87 | 244.8 | Lg | 09:15:30.159 | -0.1 | | | | | T__ | | | | --- | | 6956121 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A018A | 1.09 | 276.8 | Lg | 09:15:38.131 | 0.9 | | | | | T__ | | | | --- | | 6956126 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/22 | 09:59:32.79 | 1.14 | 0.91 | 48.5273 | 20.7733 | 6.3 | 5.5 | 2 | 0.0f | | 14 | 9 | 86 | 0.16 | 1.29 | sx | BUD | 17003680 | BUD | | | 157 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.0 | 5 BUD | 17003680 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.16 | 258.6 | Pg | 09:59:36.746 | 0.6 | | | | | T__ | | 429.7 | | ___ | ML | 1.4 | 6956169 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.16 | 258.6 | Lg | 09:59:38.934 | 0.1 | | | | | T__ | | | | --- | | 6956173 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 257.1 | Pg | 09:59:37.286 | 0.3 | | | | | T__ | | 860.4 | | ___ | ML | 1.8 | 6956170 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 257.1 | Lg | 09:59:40.162 | -0.0 | | | | | T__ | | | | --- | | 6956174 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.39 | 126.5 | Lg | 09:59:47.795 | 0.2 | | | | | T__ | | | | --- | | 6956171 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.44 | 202.3 | Lg | 09:59:49.210 | -0.1 | | | | | T__ | | | | --- | | 6956175 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.85 | 224.3 | Pg | 09:59:50.522 | -0.2 | | | | | T__ | | 45.5 | | ___ | ML | 1.6 | 6956177 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.85 | 224.3 | Lg | 10:00:02.246 | -1.2 | | | | | T__ | | | | --- | | 6956176 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.89 | 223.3 | Pn | 09:59:51.358 | -0.0 | | | | | T__ | | 36.1 | | ___ | ML | 1.6 | 6956180 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.89 | 223.3 | Lg | 10:00:03.193 | -1.1 | | | | | T__ | | | | --- | | 6956179 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.94 | 340.9 | Pn | 09:59:53.316 | 0.8 | | | | | T__ | | 35.8 | | ___ | ML | 1.6 | 6956172 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.94 | 340.9 | Lg | 10:00:03.032 | -1.0 | | | | | T__ | | | | --- | | 6956178 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 1.07 | 67.2 | Lg | 10:00:08.905 | -1.0 | | | | | T__ | | | | --- | | 6956181 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.29 | 269.2 | Sn | 10:00:14.697 | -1.8 | | | | | T__ | | | | --- | | 6956182 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/22 | 10:22:11.23 | 1.18 | 1.23 | 48.4101 | 20.7762 | 6.6 | 4.5 | 59 | 0.0f | | 10 | 7 | 171 | 0.18 | 1.29 | sx | BUD | 17003682 | BUD | | | 271 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 3 BUD | 17003682 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.18 | 298.6 | Pg | 10:22:15.846 | 0.8 | | | | | T__ | | 365.8 | | _c_ | ML | 1.4 | 6956212 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.18 | 298.6 | Lg | 10:22:17.244 | -0.8 | | | | | T__ | | | | --- | | 6956215 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 290.8 | Pg | 10:22:16.323 | 0.7 | | | | | T__ | | 364.1 | | ___ | ML | 1.4 | 6956213 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.21 | 290.8 | Lg | 10:22:17.877 | -1.1 | | | | | T__ | | | | --- | | 6956216 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.33 | 110.1 | Lg | 10:22:22.722 | -1.3 | | | | | T__ | | | | --- | | 6956217 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.33 | 210.3 | Pg | 10:22:19.557 | 1.1 | | | | | T__ | | 38.6 | | ___ | ML | 0.8 | 6956214 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|---------------------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|--|
| HU02A | 0.33 | 210.3 | Lg | 10:22:23.204 | -1.0 | T__ | --- | 6956218 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 0.8 magdef=1 | | | | | | | | | | | | | |
| | | | | (Station ML: 0.8 magdef=1 | | | | | | | | | | | | | |
| PSZ | 0.77 | 230.5 | Lg | 10:22:37.560 | -1.7 | T__ | --- | 6956219 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.81 | 229.1 | Lg | 10:22:39.228 | -0.9 | T__ | --- | 6956220 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 1.29 | 274.4 | Sn | 10:22:54.640 | -0.4 | T__ | --- | 6956221 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/22 | 19:42:37.03 | 0.97 | 0.64 | 47.8497 | 20.5137 | 6.2 | 3.2 | 111 | 7.3 | 10.1 | 15 | 10 | 78 | 0.27 | 1.39 | ke | BUD | 17003684 | BUD | | | 119 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.1 | 0.1 | 5 BUD | 17003684 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-------|------|-------|-------|---------------------------|------|------|-------|------|------|-----|-------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.27 | 1.6 | Pg | 19:42:43.155 | 0.1 | | | | | T__ | | 44.0 | | | ML | 0.7 | 6956416 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.27 | 1.6 | Lg | 19:42:47.477 | -0.3 | | | | | T__ | | | | | | 6956422 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.7 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.28 | 220.3 | Pg | 19:42:43.183 | 0.0 | | | | | T__ | 145.1 | | | | ML | 1.2 | 6956420 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU23A | 0.28 | 220.3 | Lg | 19:42:48.048 | 0.4 | | | | | T__ | | | | | | 6956421 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.42 | 279.6 | Pg | 19:42:46.266 | 0.0 | | | | | T__ | 47.2 | | | | ML | 1.1 | 6956418 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.42 | 279.6 | Lg | 19:42:52.032 | -0.9 | | | | | T__ | | | | | | 6956423 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.43 | 274.1 | Pg | 19:42:46.892 | 0.6 | | | | | T__ | 34.3 | | | | ML | 1.0 | 6956419 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.43 | 274.1 | Lg | 19:42:52.307 | -0.6 | | | | | T__ | | | | | | 6956424 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.52 | 125.1 | Lg | 19:42:55.419 | -0.5 | | | | | T__ | | | | | | 6956429 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| BSZH | 0.58 | 197.0 | Lg | 19:42:57.735 | -0.1 | | | | | T__ | | | | | | 6956430 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| KECS | 0.63 | 358.3 | Lg | 19:42:59.089 | -0.1 | | | | | T__ | | | | | | 6956425 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.65 | 1.5 | Pg | 19:42:50.477 | 0.6 | | | | | T__ | 44.8 | | | | ML | 1.5 | 6956417 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.65 | 1.5 | Lg | 19:42:59.477 | -0.1 | | | | | T__ | | | | | | 6956426 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=0 | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.66 | 47.2 | Lg | 19:42:59.609 | -0.8 | | | | | T__ | | | | | | 6956427 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| TRPA | 1.39 | 77.6 | Sn | 19:43:21.743 | 1.2 | | | | | T__ | | | | | | 6956428 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/23 | 09:41:03.09 | 3.70 | 0.46 | 48.4825 | 20.7648 | 22.4 | 9.3 | 68 | 0.0f | | 6 | 4 | 288 | 0.15 | 0.81 | sx | BUD | 17003686 | BUD | | | 311 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-----|------|-------|-------|---------------------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.15 | 275.1 | Pg | 09:41:06.341 | 0.0 | | | | | T__ | 80.3 | | | | ML | 0.6 | 6956652 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.15 | 275.1 | Lg | 09:41:09.148 | 0.2 | | | | | T__ | | | | | | 6956656 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KECS | 0.19 | 270.3 | Pg | 09:41:06.792 | -0.2 | T__ | 204.4 | ___ | ML | 1.1 | 6956654 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.19 | 270.3 | Lg | 09:41:10.367 | 0.2 | T__ | | --- | | | 6956653 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.39 | 204.0 | Lg | 09:41:18.612 | 0.5 | T__ | | --- | | | 6956655 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| PSZ | 0.81 | 226.2 | Lg | 09:41:32.066 | -0.5 | T__ | | --- | | | 6956657 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/23 | 09:58:21.33 | 0.92 | 0.75 | 48.5458 | 17.4246 | 7.2 | 3.2 | 133 | 0.0f | | 9 | 5 | 147 | 0.20 | 1.21 | sx | BUD | 17003688 | BUD | | | 212 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.4 | 3 BUD | 17003688 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.20 | 209.7 | Pg | 09:58:26.100 | 0.2 | | | | | T__ | | | | | | 6956680 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.20 | 209.7 | Lg | 09:58:28.315 | -1.3 | | | | | T__ | | | | | | 6956682 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.35 | 27.4 | Pg | 09:58:29.126 | 0.2 | | | | | T__ | 135.8 | | | ___ | ML | 1.4 | 6956681 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.35 | 27.4 | Lg | 09:58:34.231 | -0.7 | | | | | T__ | | | | | | 6956683 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VVHS | 0.94 | 92.6 | Pg | 09:58:40.919 | 0.6 | | | | | T__ | 13.6 | | | ___ | ML | 1.2 | 6956685 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VVHS | 0.94 | 92.6 | Lg | 09:58:53.360 | -0.5 | | | | | T__ | | | | | | 6956684 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.14 | 222.2 | Lg | 09:58:58.655 | 0.1 | | | | | T__ | | | | | | 6956686 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CONA | 1.21 | 240.0 | Pg | 09:58:45.773 | 0.6 | | | | | T__ | 55.2 | | | ___ | ML | 1.9 | 6956688 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 1.21 | 240.0 | Lg | 09:59:01.075 | 0.2 | | | | | T__ | | | | | | 6956687 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/23 | 13:46:33.13 | 1.41 | 1.25 | 48.8975 | 20.6288 | 15.9 | 5.7 | 79 | 0.0f | | 8 | 5 | 168 | 0.41 | 0.78 | sx | BUD | 17003690 | BUD | | | 312 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 3 BUD | 17003690 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.41 | 188.4 | Pg | 13:46:41.807 | 0.5 | | | | | T__ | | 53.2 | | ___ | ML | 1.2 | 6956733 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.41 | 188.4 | Lg | 13:46:48.086 | 0.6 | | | | | T__ | | | | | | 6956738 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.43 | 192.9 | Pg | 13:46:42.247 | 0.5 | | | | | T__ | 101.9 | | | ___ | ML | 1.5 | 6956739 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.43 | 192.9 | Lg | 13:46:47.478 | -0.7 | | | | | T__ | | | | | | 6956737 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.56 | 337.6 | Lg | 13:46:51.274 | -0.6 | | | | | T__ | | | | | | 6956734 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| ABAH | 0.73 | 145.8 | Lg | 13:46:59.005 | -0.5 | | | | | T__ | | | | | | 6956736 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.78 | 185.1 | Pg | 13:46:49.637 | 0.4 | | | | | T__ | 44.3 | | | ___ | ML | 1.6 | 6956740 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.78 | 185.1 | Lg | 13:46:58.859 | -2.4 | | | | | T__ | | | | | | 6956735 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 1.6 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/24 | 03:44:26.72 | 4.08 | 0.15 | 47.7267 | 19.6108 | 24.6 | 11.5 | 61 | 7.2 | 15.3 | 8 | 5 | 297 | 0.23 | 0.99 | ke | BUD | 17003694 | BUD | | | 341 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.8 | 0.3 | 3 BUD | 17003694 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ET1H | 0.23 | 48.9 | Pg | 03:44:31.911 | -0.0 | | | | | T__ | | 45.3 | | --- | ML | 0.6 | 6956857 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.23 | 48.9 | Lg | 03:44:35.934 | 0.1 | | | | | T__ | | | | --- | | 6956859 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.27 | 44.8 | Pg | 03:44:32.966 | 0.1 | | | | | T__ | | 58.0 | | --- | ML | 0.8 | 6956860 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.27 | 44.8 | Lg | 03:44:37.417 | -0.1 | | | | | T__ | | | | --- | | 6956858 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.44 | 101.3 | Lg | 03:44:42.899 | 0.0 | | | | | T__ | | | | --- | | 6956863 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.73 | 56.9 | Pg | 03:44:41.693 | -0.1 | | | | | T__ | | 42.6 | | --- | ML | 1.5 | 6956861 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.73 | 56.9 | Lg | 03:44:52.885 | 0.0 | | | | | T__ | | | | --- | | 6956862 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.99 | 38.6 | Sn | 03:45:00.634 | 0.2 | | | | | T__ | | | | --- | | 6956864 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/24 | 07:01:59.42 | 1.13 | 0.49 | 47.8922 | 16.0917 | 8.1 | 3.9 | 35 | 0.0f | | 11 | 7 | 134 | 0.16 | 1.51 | sx | BUD | 17003696 | BUD | | | 195 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.2 | 0.7 | 4 BUD | 17003696 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.16 | 283.2 | Pg | 07:02:02.750 | -0.1 | | | | | T__ | | 138.5 | | --- | ML | 0.9 | 6956911 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.16 | 283.2 | Lg | 07:02:04.625 | -0.6 | | | | | T__ | | | | --- | | 6956916 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.24 | 144.3 | Pg | 07:02:04.375 | -0.1 | | | | | T__ | | 48.8 | | --- | ML | 0.6 | 6956912 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.24 | 144.3 | Lg | 07:02:07.781 | -0.1 | | | | | T__ | | | | --- | | 6956917 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.49 | 190.6 | Lg | 07:02:15.259 | -0.2 | | | | | T__ | | | | --- | | 6956913 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| A018A | 0.70 | 258.1 | Pg | 07:02:13.954 | 1.0 | | | | | T__ | | 44.7 | | --- | ML | 1.5 | 6956915 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.70 | 258.1 | Lg | 07:02:21.704 | -0.1 | | | | | T__ | | | | --- | | 6956914 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.75 | 211.2 | Lg | 07:02:23.507 | 0.2 | | | | | T__ | | | | --- | | 6956918 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.19 | 9.7 | Pg | 07:02:22.809 | 0.6 | | | | | T__ | | 55.2 | | --- | ML | 1.9 | 6956920 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.19 | 9.7 | Sn | 07:02:39.586 | -0.0 | | | | | T__ | | | | --- | | 6956921 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.51 | 308.7 | Sn | 07:02:47.367 | -0.4 | | | | | T__ | | | | --- | | 6956919 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/24 | 07:08:21.76 | 1.42 | 0.67 | 48.0413 | 16.1437 | 8.1 | 6.7 | 95 | 0.0f | 7 | 6 | 154 | 0.22 | 1.03 | sx | BUD | 17003698 | BUD | | | | 275 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.22 | 239.3 | Pg | 07:08:26.406 | 0.1 | | | | | T__ | | 173.3 | | --- | ML | 1.2 | 6956945 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.22 | 239.3 | Lg | 07:08:28.687 | -0.9 | | | | | T__ | | | | --- | | 6956946 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.36 | 163.2 | Lg | 07:08:33.531 | -0.5 | | | | | T__ | | | | --- | | 6956947 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A011B | 0.65 | 191.2 | Lg | 07:08:43.125 | 0.5 | | | | | T__ | | | | --- | | 6956948 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| A018A | 0.78 | 247.9 | Lg | 07:08:47.031 | 0.4 | | | | | T__ | | | | --- | | 6956949 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.90 | 208.2 | Lg | 07:08:50.875 | 0.5 | | | | | T__ | | | | --- | | 6956950 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.03 | 9.2 | Lg | 07:08:56.968 | 0.0 | | | | | T__ | | | | --- | | 6956951 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/11/24 | 08:22:56.55 | 1.18 | 1.19 | 47.2585 | 17.6771 | 9.1 | 5.8 | 157 | 0.0f | 7 | 5 | 130 | 0.13 | 1.24 | sx | BUD | 17003700 | BUD | | | | | 208 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MPLH | 0.13 | 226.8 | Pg | 08:23:00.272 | 0.5 | | | | | T__ | | 306.8 | | --- | ML | 1.1 | 6956975 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.13 | 226.8 | Lg | 08:23:01.460 | -1.2 | | | | | T__ | | | | --- | | 6956974 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.28 | 304.2 | Lg | 08:23:07.325 | -0.4 | | | | | T__ | | | | --- | | 6956969 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.41 | 75.0 | Lg | 08:23:11.866 | -0.7 | | | | | T__ | | | | --- | | 6956970 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.21 | 165.9 | Pn | 08:23:21.117 | 1.6 | | | | | T__ | | 68.8 | | --- | ML | 2.0 | 6956972 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.21 | 165.9 | Sn | 08:23:36.367 | -0.8 | | | | | T__ | | | | --- | | 6956971 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.24 | 147.2 | Sn | 08:23:37.450 | -0.5 | | | | | T__ | | | | --- | | 6956973 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|----|
| 2021/11/24 | 08:38:52.18 | 0.86 | 1.23 | 46.9320 | 17.4504 | 3.9 | 3.4 | 104 | 0.0f | 27 | 22 | 73 | 0.21 | 1.82 | sx | BUD | 17003704 | BUD | | | | | 84 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.3 | 0.0 | 5 BUD | 17003704 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.21 | 275.6 | Pg | 08:38:56.729 | -0.2 | | | | | T__ | | 13189.3 | | --- | ML | 3.0 | 6957102 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.21 | 275.6 | Lg | 08:38:58.823 | -1.8 | | | | | T__ | | | | --- | | 6957104 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 3.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.25 | 14.3 | Pg | 08:38:58.649 | 0.9 | | | | | T__ | | 950.2 | | --- | ML | 2.0 | 6957109 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.25 | 14.3 | Lg | 08:39:01.711 | -0.5 | | | | | T__ | | | | --- | | 6957112 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|----|---------|---------|------|----|-----|------|------|-----|-----|---|
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A263A | 0.31 | 197.8 | Lg | 08:39:02.021 | -1.7 | T__ | | | | 6957113 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| EGYH | 0.49 | 350.6 | Lg | 08:39:08.994 | -1.4 | T__ | | | | 6957114 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| A262A | 0.64 | 264.2 | Lg | 08:39:12.644 | -1.1 | T__ | | | | 6957115 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| BEHE | 0.66 | 225.4 | Pg | 08:39:06.912 | 1.3 | T__ | 270.6 | | ML | 2.3 | 6957105 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.66 | 225.4 | Lg | 08:39:14.818 | 0.1 | T__ | | | | 6957106 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A266A | 0.69 | 125.7 | Lg | 08:39:16.098 | -0.5 | T__ | | | | 6957116 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.70 | 51.7 | Lg | 08:39:16.866 | -1.4 | T__ | | | | 6957117 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.95 | 41.6 | Sn | 08:39:24.933 | -2.0 | T__ | | | | 6957120 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 0.96 | 151.8 | Pg | 08:39:12.017 | 0.5 | T__ | 78.0 | | ML | 1.9 | 6957129 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.96 | 151.8 | Lg | 08:39:24.267 | -0.3 | T__ | | | | 6957119 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.96 | 240.1 | Lg | 08:39:23.844 | 0.4 | T__ | | | | 6957107 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| SOP | 0.97 | 321.4 | Lg | 08:39:24.178 | -0.5 | T__ | | | | 6957118 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| SR0 | 1.06 | 33.3 | Sn | 08:39:28.371 | -1.2 | T__ | | | | 6957122 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| MORH | 1.09 | 130.6 | Sn | 08:39:29.111 | -0.7 | T__ | | | | 6957124 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.10 | 314.8 | Lg | 08:39:28.362 | -0.2 | T__ | | | | 6957121 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| AO11B | 1.12 | 295.6 | Lg | 08:39:28.798 | 0.5 | T__ | | | | 6957123 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| ARSA | 1.35 | 284.3 | Lg | 08:39:35.433 | 0.1 | T__ | | | | 6957125 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| PTJ | 1.45 | 225.5 | Sn | 08:39:37.756 | -1.5 | T__ | | | | 6957126 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| CONA | 1.47 | 313.3 | Sn | 08:39:39.143 | -0.3 | T__ | | | | 6957127 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| CRES | 1.77 | 232.0 | Pn | 08:39:24.470 | 0.9 | T__ | 66.8 | | ML | 2.3 | 6957108 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 1.77 | 232.0 | Sn | 08:39:46.782 | 0.2 | T__ | | | | 6957128 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A018A | 1.81 | 297.6 | Lg | 08:39:51.888 | 2.1 | T__ | | | | 6957130 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.82 | 30.4 | Sn | 08:39:51.577 | 2.8 | T__ | | | | 6957110 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/24 | 09:58:53.66 | 0.89 | 0.98 | 48.4721 | 19.3253 | 6.7 | 3.2 | 10 | 0.0f | | 13 | 8 | 125 | 0.33 | 1.16 | sx | BUD | 17003706 | BUD | | | 157 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.0 | 5 BUD | 17003706 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.33 | 274.0 | Pg | 09:59:01.042 | 0.6 | | | | | T__ | | 40.5 | | | ML | 0.8 | 6957171 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.33 | 274.0 | Lg | 09:59:05.417 | -0.1 | | | | | T__ | | | | | | 6957172 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.67 | 145.3 | Lg | 09:59:17.760 | -0.6 | | | | | T__ | | | | | | 6957173 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.70 | 148.2 | Lg | 09:59:18.528 | -0.2 | | | | | T__ | | | | | | 6957174 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.77 | 88.7 | Pg | 09:59:09.520 | 0.5 | | | | | T__ | 98.1 | | | | ML | 1.9 | 6957168 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.77 | 88.7 | Lg | 09:59:20.113 | -0.5 | | | | | T__ | | | | | | 6957175 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.81 | 87.9 | Pg | 09:59:10.301 | 0.6 | | | | | T__ | 65.2 | | | | ML | 1.8 | 6957169 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.81 | 87.9 | Lg | 09:59:21.301 | -0.5 | | | | | T__ | | | | | | 6957176 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU02A | 0.87 | 113.2 | Pg | 09:59:12.028 | 0.3 | T__ | 59.4 | --- | ML | 1.8 | 6957167 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.87 | 113.2 | Lg | 09:59:24.028 | -1.2 | T__ | | --- | | | 6957177 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 1.14 | 33.8 | Pn | 09:59:17.592 | 1.3 | T__ | 36.1 | --- | ML | 1.7 | 6957170 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.14 | 33.8 | Lg | 09:59:31.655 | -0.2 | T__ | | --- | | | 6957178 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.16 | 290.1 | Lg | 09:59:32.699 | -2.1 | T__ | | --- | | | 6957179 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/24 | 10:04:39.06 | 1.19 | 1.13 | 48.5426 | 20.8307 | 6.3 | 5.3 | 26 | 0.0f | | 13 | 9 | 88 | 0.20 | 1.33 | sx | BUD | 17003708 | BUD | | | 158 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.4 | 4 BUD | 17003708 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|------|--------|-----|------|------|-----|-----|---|
| JOS | 0.20 | 256.5 | Pg | 10:04:44.062 | 0.8 | | | | | T__ | | 157.6 | --- | ML | 1.1 | 6957213 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.20 | 256.5 | Lg | 10:04:46.312 | -0.2 | | | | | T__ | | | --- | | 6957215 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.24 | 255.6 | Pg | 10:04:44.640 | 0.6 | | | | | T__ | | 400.4 | --- | ML | 1.6 | 6957214 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.24 | 255.6 | Lg | 10:04:47.453 | -0.4 | | | | | T__ | | | --- | | 6957216 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 132.0 | Lg | 10:04:53.054 | -0.1 | | | | | T__ | | | --- | | 6957217 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 0.47 | 206.0 | Pg | 10:04:49.614 | 0.6 | | | | | T__ | | 55.6 | --- | ML | 1.3 | 6957219 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.47 | 206.0 | Lg | 10:04:55.927 | -0.6 | | | | | T__ | | | --- | | 6957218 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.88 | 225.4 | Pn | 10:04:57.179 | -0.6 | | | | | T__ | | 68.0 | --- | ML | 1.8 | 6957221 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.88 | 225.4 | Lg | 10:05:09.429 | -1.6 | | | | | T__ | | | --- | | 6957220 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.92 | 224.4 | Lg | 10:05:10.485 | -1.4 | | | | | T__ | | | --- | | 6957223 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.94 | 338.4 | Lg | 10:05:09.166 | -1.1 | | | | | T__ | | | --- | | 6957222 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| KOLS | 1.03 | 67.2 | Lg | 10:05:13.548 | -1.3 | | | | | T__ | | | --- | | 6957224 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.33 | 268.6 | Sn | 10:05:21.991 | -1.7 | | | | | T__ | | | --- | | 6957225 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/24 | 11:03:03.83 | 1.14 | 1.29 | 48.3305 | 18.1658 | 8.6 | 4.0 | 178 | 0.0f | | 9 | 5 | 186 | 0.48 | 1.60 | sx | BUD | 17003710 | BUD | | | 271 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.6 | 3 BUD | 17003710 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|------|--------|-----|------|------|-----|-----|---|
| VYHS | 0.48 | 69.6 | Pg | 11:03:14.027 | 0.4 | | | | | T__ | | 26.7 | --- | ML | 1.0 | 6957297 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.48 | 69.6 | Lg | 11:03:19.989 | -0.8 | | | | | T__ | | | --- | | 6957298 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

```

MODS  0.59 274.5 Pg      11:03:16.687  0.5      T__      ---      6957300  FDSN SK      -- BUD  iLoc  HHZ ??? _
MODS  0.59 274.5 Lg      11:03:24.177 -1.4      T__      ---      6957299  FDSN SK      -- BUD  iLoc  HHN ??? _
JAVC  0.62 328.3 Pg      11:03:17.593  0.8      T__      93.1     --- ML    1.8 6957293  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
JAVC  0.62 328.3 Lg      11:03:25.951 -0.7      T__      ---      6957301  FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
 Station ML: 1.8 magdef=1
MORC  1.50 344.4 Lg      11:03:51.784 -0.9      T__      ---      6957294  FDSN CZ      -- BUD  iLoc  HHN ??? _
CONA  1.60 256.2 Pn      11:03:33.681  0.7      T__      69.9     --- ML    2.2 6957296  FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA  1.60 256.2 Sn      11:03:57.056  2.1      T__      ---      6957295  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.2 magdef=1
 Station ML: 2.2 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/11/24 11:30:00.52  0.89  0.63  48.4011  17.3008  5.3  2.9 126  0.0f  11  6 125  0.03  1.07  sx BUD  17003712  BUD  181

```

```

Magnitude Err Nsta Author  OrigID
ML 1.7 0.2 4 BUD 17003712

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
MODS  0.03 209.7 Pg      11:30:01.593 -0.2      T__      ---      6957350  FDSN SK      -- BUD  iLoc  HHZ ??? _
MODS  0.03 209.7 Lg      11:30:03.281  0.0      T__      ---      6957351  FDSN SK      -- BUD  iLoc  HHN ??? _
JAVC  0.52 28.0 Pg      11:30:11.501  0.1      T__      128.9    --- ML    1.9 6957358  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
JAVC  0.52 28.0 Lg      11:30:18.978 -0.9      T__      ---      6957355  FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.9 magdef=1
 Station ML: 1.9 magdef=1
KRUC  0.89 318.1 Pg      11:30:18.395  0.7      T__      43.1     --- ML    1.6 6957359  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
KRUC  0.89 318.1 Lg      11:30:29.853 -1.0      T__      ---      6957356  FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
 Station ML: 1.6 magdef=1
RONA  0.97 224.2 Pg      11:30:19.562 -0.3      T__      58.7     --- ML    1.8 6957353  FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.97 224.2 Lg      11:30:33.125  0.6      T__      ---      6957352  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
 Station ML: 1.8 magdef=1
VYHS  1.03 84.2 Pg      11:30:21.236  0.0      T__      21.5     --- ML    1.4 6957360  FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS  1.03 84.2 Lg      11:30:36.538  0.5      T__      ---      6957354  FDSN SK      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.4 magdef=1
 Station ML: 1.4 magdef=1
CONA  1.07 244.4 Lg      11:30:36.103  0.5      T__      ---      6957357  FDSN OE      -- BUD  iLoc  HHN ??? _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/11/24 11:41:18.63  0.89  0.98  47.8907  20.1238  4.6  3.0 148  0.0f  16  9 100  0.16  1.05  kx BUD  17003714  BUD  151
2021/11/24 11:41:18.23  0.85  0.92  47.8650  20.1529f  0.0f  16  9 104  0.18  1.08  kx BUD_GT  17003715  BUD_GT  155

```

```

(locality : Kisnána Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author  OrigID
ML 1.6 0.1 7 BUD_GT 17003715

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
PSZ  0.18 287.2 Pg      11:41:23.218  0.5      T__      609.3    _c_ ML    1.6 6957415  FDSN GE      -- BUD  iLoc  HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|--|---------|---------|---------|------|-----|------|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Lg | 11:41:24.968 | -1.4 | T__ | | | | | | | | | 6957420 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 11:41:23.390 | 0.7 | T__ | 533.8 | | | | | | | | 1.6 | 6957416 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ET1H | 0.19 | 274.4 | Lg | 11:41:25.328 | -0.9 | T__ | | | | | | | | | | 6957421 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.24 | 163.9 | Lg | 11:41:29.873 | 2.0 | T__ | | | | | | | | | | 6957426 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.36 | 44.0 | Pg | 11:41:25.875 | -0.2 | T__ | 134.7 | | | | | | | | | 1.4 | 6957417 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.0 | Lg | 11:41:31.609 | -0.6 | T__ | | | | | | | | | | | 6957427 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU01A | 0.63 | 214.9 | Pg | 11:41:32.379 | 0.3 | T__ | 541.0 | | | | | | | | | 2.6 | 6957424 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU01A | 0.63 | 214.9 | Lg | 11:41:41.754 | 0.0 | T__ | | | | | | | | | | | 6957423 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.66 | 19.7 | Pn | 11:41:33.358 | -0.2 | T__ | 76.1 | | | | | | | | | 1.7 | 6957422 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.66 | 19.7 | Lg | 11:41:40.905 | -0.6 | T__ | | | | | | | | | | | 6957428 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.68 | 22.1 | Pg | 11:41:31.804 | -0.1 | T__ | 58.8 | | | | | | | | | 1.6 | 6957418 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 22.1 | Lg | 11:41:42.038 | -0.3 | T__ | | | | | | | | | | | 6957429 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.85 | 59.0 | Pn | 11:41:37.346 | 1.2 | T__ | 100.1 | | | | | | | | | 2.0 | 6957425 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.85 | 59.0 | Lg | 11:41:48.392 | -0.4 | T__ | | | | | | | | | | | 6957430 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.08 | 306.0 | Lg | 11:41:54.269 | -1.6 | T__ | | | | | | | | | | | 6957419 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/11/24 | 13:16:04.38 | 1.08 | 1.23 | 47.5457 | 18.5077 | 6.6 | 3.9 | 102 | 0.0f | 7 | 5 | 153 | 0.13 | 0.98 | | kx | BUD | 17003716 | BUD | | | 248 |
| 2021/11/24 | 13:16:04.77 | 0.95 | 1.21 | 47.5600 | 18.4573f | | | | 0.0f | 7 | 5 | 143 | 0.09 | 1.01 | | kx | BUD_GT | 17003717 | BUD_GT | | | 256 |

(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID | Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|-----|------|--------|--------|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------|---------|--------|----|------|-----|------|-----|-----|---|
| | | | | | HU09A | 0.09 | 327.2 | Pg | 13:16:08.306 | 1.1 | | | | | T__ | | 1155.9 | | | ML | 1.6 | 6957463 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | | HU09A | 0.09 | 327.2 | Lg | 13:16:09.306 | -0.2 | | | | | T__ | | | | | | | 6957464 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CSKK | 0.24 | 214.2 | Pg | 13:16:10.546 | 0.5 | | | | | T__ | | 175.1 | | | ML | 1.2 | 6957460 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | | CSKK | 0.24 | 214.2 | Lg | 13:16:13.369 | -1.3 | | | | | T__ | | | | | | | 6957465 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | SR0 | 0.27 | 339.1 | Lg | 13:16:15.250 | -0.4 | | | | | T__ | | | | | | | 6957461 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| | | | | | VYHS | 0.97 | 15.1 | Lg | 13:16:37.562 | -1.1 | | | | | T__ | | | | | | | 6957462 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | | ET1H | 1.01 | 71.0 | Lg | 13:16:38.744 | -2.0 | | | | | T__ | | | | | | | 6957466 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/24 | 14:57:53.78 | 0.84 | 0.77 | 47.6035 | 16.3680 | 3.8 | 3.2 | 20 | 0.0f | | 23 | 14 | 51 | 0.11 | 1.53 | sx | BUD | 17003718 | BUD | | | 90 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.4 | 8 BUD | 17003718 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.11 | 333.3 | Pg | 14:57:56.500 | 0.2 | | | | | T__ | | 618.6 | | ___ | ML | 1.4 | 6957509 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.11 | 333.3 | Lg | 14:57:58.000 | -0.2 | | | | | T__ | | | | --- | | 6957527 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.15 | 58.1 | Pg | 14:57:57.625 | 0.4 | | | | | T__ | | 321.2 | | ___ | ML | 1.2 | 6957508 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.15 | 58.1 | Lg | 14:57:59.937 | 0.2 | | | | | T__ | | | | --- | | 6957514 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.34 | 235.0 | Lg | 14:58:04.031 | -0.9 | | | | | T__ | | | | --- | | 6957528 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| A260A | 0.39 | 144.3 | Lg | 14:58:07.250 | -0.5 | | | | | T__ | | | | --- | | 6957515 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| CONA | 0.47 | 313.8 | Pg | 14:58:03.843 | 0.6 | | | | | T__ | | 84.4 | | ___ | ML | 1.5 | 6957510 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.47 | 313.8 | Lg | 14:58:09.031 | -0.6 | | | | | T__ | | | | --- | | 6957529 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.67 | 238.7 | Lg | 14:58:14.307 | -1.0 | | | | | T__ | | | | --- | | 6957516 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| EGYH | 0.68 | 105.6 | Lg | 14:58:17.180 | -0.7 | | | | | T__ | | | | --- | | 6957517 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| A013A | 0.79 | 305.7 | Pg | 14:58:09.638 | 0.5 | | | | | T__ | | 136.5 | | ___ | ML | 2.1 | 6957519 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A013A | 0.79 | 305.7 | Lg | 14:58:18.888 | -0.5 | | | | | T__ | | | | --- | | 6957518 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.88 | 279.6 | Pg | 14:58:12.000 | 1.1 | | | | | T__ | | 59.3 | | ___ | ML | 1.8 | 6957513 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.88 | 279.6 | Lg | 14:58:22.000 | -0.0 | | | | | T__ | | | | --- | | 6957530 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.91 | 118.1 | Pg | 14:58:13.062 | 1.1 | | | | | T__ | | 69.3 | | ___ | ML | 1.8 | 6957511 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.91 | 118.1 | Lg | 14:58:24.500 | -0.8 | | | | | T__ | | | | --- | | 6957520 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.98 | 38.1 | Pg | 14:58:14.625 | 0.9 | | | | | T__ | | | | --- | | 6957512 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.98 | 38.1 | Lg | 14:58:27.000 | -1.9 | | | | | T__ | | | | --- | | 6957521 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| KOGS | 1.16 | 184.0 | Pg | 14:58:16.532 | -0.1 | | | | | T__ | | 79.8 | | ___ | ML | 2.0 | 6957523 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 1.16 | 184.0 | Lg | 14:58:31.345 | 0.1 | | | | | T__ | | | | --- | | 6957522 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.46 | 0.7 | Pn | 14:58:20.951 | 0.1 | | | | | T__ | | 61.9 | | ___ | ML | 2.1 | 6957525 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.46 | 0.7 | Sn | 14:58:40.264 | -0.4 | | | | | T__ | | | | --- | | 6957524 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.53 | 34.2 | Sn | 14:58:43.091 | -0.3 | | | | | T__ | | | | --- | | 6957526 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/25 | 09:03:09.85 | 1.49 | 1.07 | 47.4366 | 18.3602 | 15.5 | 5.4 | 122 | 0.0f | | 7 | 6 | 154 | 0.08 | 1.24 | sx | BUD | 17003720 | BUD | | | 279 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW1 | 0.08 | 237.6 | Lg | 09:03:14.163 | -0.2 | | | | | T__ | | | | | | 6957593 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.10 | 222.7 | Pg | 09:03:13.064 | 0.6 | | | | | T__ | | 632.2 | | | ML | 1.4 | 6957589 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.10 | 222.7 | Lg | 09:03:14.395 | -0.7 | | | | | T__ | | | | | | 6957590 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.17 | 251.5 | Lg | 09:03:16.805 | -0.5 | | | | | T__ | | | | | | 6957595 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.17 | 217.1 | Lg | 09:03:16.341 | -1.0 | | | | | T__ | | | | | | 6957594 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.11 | 16.6 | Lg | 09:03:47.774 | -0.6 | | | | | T__ | | | | | | 6957592 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.24 | 170.9 | Sn | 09:03:50.069 | -1.5 | | | | | T__ | | | | | | 6957591 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/25 | 10:09:37.21 | 1.61 | 1.25 | 48.3419 | 21.8617 | 16.4 | 5.2 | 155 | 0.0f | | 7 | 5 | 176 | 0.65 | 1.11 | sx | BUD | 17003722 | BUD | | | 232 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOLS | 0.65 | 24.6 | Pg | 10:09:50.337 | 0.5 | | | | | T__ | | | | | | 6957656 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.65 | 24.6 | Lg | 10:09:58.419 | -2.1 | | | | | T__ | | | | | | 6957658 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.89 | 280.4 | Pg | 10:09:55.487 | 0.5 | | | | | T__ | | 37.6 | | | _c_ ML | 1.6 | 6957652 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.92 | 256.7 | Pg | 10:09:56.122 | -0.0 | | | | | T__ | | 46.8 | | | ML | 1.7 | 6957653 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.92 | 256.7 | Lg | 10:10:09.870 | -0.8 | | | | | T__ | | | | | | 6957654 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.93 | 279.3 | Lg | 10:10:09.043 | -0.5 | | | | | T__ | | | | | | 6957657 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| MEZ | 1.11 | 80.5 | Lg | 10:10:15.599 | -0.6 | | | | | T__ | | | | | | 6957655 | FDSN | UA | -- | BUD | iLoc | BHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/25 | 10:11:17.87 | 1.53 | 1.23 | 48.3125 | 21.9379 | 14.9 | 5.0 | 157 | 0.0f | | 11 | 8 | 137 | 0.37 | 1.07 | sx | BUD | 17003724 | BUD | | | 180 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HOLU | 0.37 | 54.0 | Lg | 10:11:30.308 | -1.5 | | | | | T__ | | | | | | 6957708 | FDSN | UA | -- | BUD | iLoc | MHZ | ??? | _ | |
| ABAH | 0.47 | 268.2 | Lg | 10:11:33.501 | -2.0 | | | | | T__ | | | | | | 6957709 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 0.66 | 19.6 | Pg | 10:11:31.524 | 0.9 | | | | | T__ | | | | | | 6957700 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.66 | 19.6 | Lg | 10:11:39.879 | -1.6 | | | | | T__ | | | | | | 6957704 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU05A | 0.93 | 215.6 | Lg | 10:11:51.658 | 0.1 | | | | | T__ | | | | | | 6957710 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.95 | 281.7 | Pg | 10:11:37.182 | 0.5 | | | | | T__ | | 68.4 | | | ML | 1.9 | 6957701 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.95 | 281.7 | Lg | 10:11:50.825 | -0.1 | | | | | T__ | | | | | | 6957705 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.96 | 259.1 | Pn | 10:11:38.240 | 0.7 | | | | | T__ | | 65.3 | | | ML | 1.9 | 6957702 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.96 | 259.1 | Lg | 10:11:51.883 | -0.9 | | | | | T__ | | | | | | 6957706 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.98 | 280.6 | Lg | 10:11:52.171 | -0.5 | | | | | T__ | | | | | | 6957707 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| MEZ | 1.07 | 78.5 | Lg | 10:11:53.693 | -1.0 | | | | | T__ | | | | | | 6957703 | FDSN | UA | -- | BUD | iLoc | BHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/25 | 10:45:30.45 | 3.70 | 0.36 | 46.8128 | 22.8282 | 38.2 | 15.4 | 6 | 0.0f | | 8 | 5 | 258 | 0.08 | 1.51 | sx | BUD | 17003726 | BUD | | | 286 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | 0.2 | 3 BUD | 17003726 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.08 | 255.2 | Pg | 10:45:32.486 | -0.0 | | | | | T__ | | 179.7 | | ___ | ML | 0.8 | 6957733 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.08 | 255.2 | Lg | 10:45:34.535 | 0.1 | | | | | T__ | | | | --- | | 6957735 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.97 | 236.4 | Lg | 10:46:03.601 | -0.4 | | | | | T__ | | | | --- | | 6957736 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| GZR | 1.42 | 181.5 | Pn | 10:45:57.446 | 0.4 | | | | | T__ | | 41.3 | | --- | ML | 1.9 | 6957734 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.42 | 181.5 | Sn | 10:46:17.434 | 0.2 | | | | | T__ | | | | --- | | 6957737 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.46 | 215.5 | Sn | 10:46:18.042 | 0.3 | | | | | T__ | | | | --- | | 6957738 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| LOT | 1.51 | 154.0 | Pn | 10:45:58.637 | 0.0 | | | | | T__ | | 50.0 | | --- | ML | 2.0 | 6957740 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.51 | 154.0 | Sn | 10:46:19.682 | -0.4 | | | | | T__ | | | | --- | | 6957739 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/25 | 12:15:23.17 | 0.95 | 1.02 | 48.5483 | 20.7975 | 4.7 | 3.7 | 10 | 0.0f | | 15 | 9 | 88 | 0.18 | 1.31 | sx | BUD | 17003730 | BUD | | | 159 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.2 | 6 BUD | 17003730 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.18 | 253.1 | Pg | 12:15:27.272 | 0.3 | | | | | T__ | | 268.9 | | ___ | ML | 1.2 | 6957848 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.18 | 253.1 | Lg | 12:15:30.233 | 0.3 | | | | | T__ | | | | --- | | 6957851 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 252.7 | Pg | 12:15:27.853 | 0.1 | | | | | T__ | | 773.7 | | ___ | ML | 1.8 | 6957849 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.22 | 252.7 | Lg | 12:15:31.476 | 0.2 | | | | | T__ | | | | --- | | 6957852 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.39 | 130.4 | Pg | 12:15:31.952 | 0.8 | | | | | T__ | | 71.5 | | ___ | ML | 1.2 | 6957850 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.39 | 130.4 | Lg | 12:15:36.645 | -1.3 | | | | | T__ | | | | --- | | 6957853 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.46 | 203.2 | Pg | 12:15:33.469 | 0.5 | | | | | T__ | | 47.6 | | ___ | ML | 1.3 | 6957855 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 203.2 | Lg | 12:15:40.026 | -0.5 | | | | | T__ | | | | --- | | 6957854 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.87 | 224.1 | Pn | 12:15:42.013 | 0.2 | | | | | T__ | | 70.6 | | ___ | ML | 1.8 | 6957859 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.87 | 224.1 | Lg | 12:15:53.700 | -1.0 | | | | | T__ | | | | --- | | 6957858 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|--|--|--|--|--|---------|------|----|-----|---------|------|-----|-----|-----|------|-----|-----|---|
| ET1H | 0.91 | 223.1 | Lg | 12:15:54.669 | -0.9 | T__ | | | | | | | | | 6957860 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | | | |
| NIE | 0.93 | 339.5 | Pg | 12:15:41.228 | 0.5 | T__ | | | | | | | | | 34.9 | --- | ML | 1.6 | 6957856 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.93 | 339.5 | Lg | 12:15:53.232 | -0.7 | T__ | | | | | | | | | | --- | | | 6957857 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 1.05 | 67.9 | Lg | 12:15:57.299 | -2.2 | T__ | | | | | | | | | | --- | | | 6957861 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.31 | 268.3 | Sn | 12:16:05.968 | -1.3 | T__ | | | | | | | | | | --- | | | 6957862 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/26 | 09:05:20.70 | 3.89 | 0.05 | 48.4909 | 20.7431 | 24.6 | 10.0 | 60 | 0.0f | | 5 | 3 | 289 | 0.14 | 0.40 | sx | BUD | 17003732 | BUD | | | 355 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| JOS | 0.14 | 272.1 | Pg | 09:05:23.658 | 0.0 | | | | | T__ | | 58.9 | | | --- | ML | 0.4 | 6957991 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.14 | 272.1 | Lg | 09:05:26.064 | 0.0 | | | | | T__ | | | | | | --- | | 6957989 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.17 | 267.5 | Pg | 09:05:24.333 | -0.0 | | | | | T__ | | 188.5 | | | --- | ML | 1.1 | 6957992 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.17 | 267.5 | Lg | 09:05:27.248 | -0.0 | | | | | T__ | | | | | | --- | | 6957990 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.40 | 201.6 | Lg | 09:05:35.818 | 0.0 | | | | | T__ | | | | | | --- | | 6957993 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/26 | 09:16:09.83 | 3.75 | 1.13 | 46.8176 | 22.7779 | 23.8 | 10.0 | 18 | 0.0f | | 7 | 4 | 299 | 0.05 | 1.45 | sx | BUD | 17003734 | BUD | | | 333 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------|-----|---------|------|------|-----|-----|------|-----|-----|---|
| DRGR | 0.05 | 240.5 | Pg | 09:16:11.383 | 0.1 | | | | | T__ | | 301.2 | | | --- | ML | 0.9 | 6958013 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.05 | 240.5 | Lg | 09:16:12.744 | 0.0 | | | | | T__ | | | | | | --- | | 6958015 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.95 | 234.9 | Lg | 09:16:41.562 | -1.0 | | | | | T__ | | | | | | --- | | 6958016 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| GZR | 1.42 | 180.0 | Pg | 09:16:36.832 | -0.0 | | | | | T__ | | 75.2 | | | --- | ML | 2.2 | 6958018 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.42 | 180.0 | Sn | 09:16:55.287 | -1.4 | | | | | T__ | | | | | | --- | | 6958017 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| GZR | 1.42 | 180.0 | Lg | 09:16:56.874 | 0.3 | | | | | T__ | | | | | | --- | | 6958014 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.45 | 214.3 | Sn | 09:16:58.051 | 1.4 | | | | | T__ | | | | | | --- | | 6958019 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/11/26 | 09:23:16.81 | 1.03 | 1.07 | 47.4069 | 18.7232 | 8.5 | 3.4 | 158 | 0.0f | | 14 | 10 | 184 | 0.22 | 1.09 | kx | BUD | 17003736 | BUD | | | 195 |
| 2021/11/26 | 09:23:17.02 | 0.89 | 1.01 | 47.4680 | 18.6970f | | | | 0.0f | | 14 | 10 | 157 | 0.22 | 1.03 | kx | BUD_GT | 17003737 | BUD_GT | | | 181 |

(locality : Etyek Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

ML 1.4 0.2 4 BUD_GT 17003737

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BUD | 0.22 | 85.9 | Lg | 09:23:25.516 | -0.9 | | | | | T__ | | | | | | 6958076 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.27 | 308.8 | Lg | 09:23:29.384 | 1.3 | | | | | T__ | | | | | | 6958078 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.31 | 256.0 | Pg | 09:23:24.432 | 0.8 | | | | | T__ | | 160.4 | | --- | ML | 1.4 | 6958083 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.31 | 256.0 | Lg | 09:23:28.501 | -0.8 | | | | | T__ | | | | | | 6958084 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.31 | 250.7 | Pg | 09:23:24.544 | 0.8 | | | | | T__ | | 171.1 | | --- | ML | 1.4 | 6958074 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.31 | 250.7 | Lg | 09:23:28.124 | -1.5 | | | | | T__ | | | | | | 6958077 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.37 | 243.5 | Pg | 09:23:25.349 | 0.5 | | | | | T__ | | 65.9 | | --- | ML | 1.1 | 6958086 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.37 | 243.5 | Lg | 09:23:29.897 | -1.5 | | | | | T__ | | | | | | 6958085 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.40 | 257.8 | Lg | 09:23:31.613 | -0.7 | | | | | T__ | | | | | | 6958087 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.84 | 249.7 | Lg | 09:23:45.189 | -1.3 | | | | | T__ | | | | | | 6958075 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.89 | 62.2 | Lg | 09:23:49.030 | -0.2 | | | | | T__ | | | | | | 6958079 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.93 | 60.4 | Pg | 09:23:37.237 | 0.6 | | | | | T__ | | 58.3 | | --- | ML | 1.8 | 6958081 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.93 | 60.4 | Lg | 09:23:49.514 | -1.2 | | | | | T__ | | | | | | 6958080 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VVHS | 1.03 | 5.1 | Sn | 09:23:54.242 | -0.2 | | | | | T__ | | | | | | 6958082 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|----------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|--|
| 2021/11/26 | 09:27:24.00 | 1.03 | 0.70 | 46.2006 | 18.2623 | 8.8 | 3.8 | 149 | 0.0f | | 6 | 4 | 138 | 0.16 | 1.16 | kx | BUD | 17003738 | BUD | | | 273 | | |
| 2021/11/26 | 09:27:24.07 | 1.00 | 0.84 | 46.1765 | 18.2926f | | | | 0.0f | | 6 | 4 | 155 | 0.16 | 1.19 | kx | BUD_GT | 17003739 | BUD_GT | | | 275 | | |
| (locality : Komló Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.16 | 236.7 | Pg | 09:27:28.169 | 0.2 | | | | | T__ | | 486.1 | | _c_ | ML | 1.4 | 6958126 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.16 | 236.7 | Lg | 09:27:30.324 | -0.7 | | | | | T__ | | | | | | 6958127 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.25 | 80.9 | Pg | 09:27:30.268 | 0.7 | | | | | T__ | | 189.4 | | --- | ML | 1.3 | 6958125 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.25 | 80.9 | Lg | 09:27:33.718 | -0.3 | | | | | T__ | | | | | | 6958128 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.35 | 356.8 | Lg | 09:27:36.200 | -1.3 | | | | | T__ | | | | | | 6958129 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 1.19 | 358.9 | Sn | 09:28:03.705 | -0.9 | | | | | T__ | | | | | | 6958130 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/26 | 09:31:05.49 | 0.92 | 1.08 | 48.4068 | 19.5341 | 5.5 | 3.7 | 18 | 0.0f | | 11 | 8 | 124 | 0.47 | 1.32 | sx | BUD | 17003740 | BUD | | | 151 |

Magnitude Err Nsta Author OrigID

ML 1.6 0.0 3 BUD 17003740

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.47 | 280.9 | Pg | 09:31:15.682 | 0.5 | | | | | T__ | | 21.8 | | --- | ML | 1.0 | 6958161 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.47 | 280.9 | Lg | 09:31:21.446 | -0.9 | | | | | T__ | | | | --- | | 6958160 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.55 | 153.6 | Pg | 09:31:17.709 | 0.4 | | | | | T__ | | 69.0 | | --- | ML | 1.6 | 6958162 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.55 | 153.6 | Lg | 09:31:25.165 | -0.7 | | | | | T__ | | | | --- | | 6958158 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.57 | 156.7 | Lg | 09:31:26.425 | 0.0 | | | | | T__ | | | | --- | | 6958159 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.64 | 82.8 | Lg | 09:31:27.676 | -0.3 | | | | | T__ | | | | --- | | 6958163 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.68 | 82.0 | Pg | 09:31:19.414 | 0.5 | | | | | T__ | | 61.9 | | --- | ML | 1.7 | 6958156 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 82.0 | Lg | 09:31:28.642 | -0.5 | | | | | T__ | | | | --- | | 6958164 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.72 | 112.9 | Lg | 09:31:30.830 | -0.9 | | | | | T__ | | | | --- | | 6958157 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| NIE | 1.13 | 26.2 | Lg | 09:31:43.130 | -0.2 | | | | | T__ | | | | --- | | 6958165 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| JAVC | 1.32 | 290.8 | Sn | 09:31:48.249 | -2.5 | | | | | T__ | | | | --- | | 6958166 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/26 | 09:39:15.16 | 0.94 | 1.08 | 47.7200 | 18.5336 | 5.0 | 3.6 | 132 | 0.0f | | 14 | 11 | 127 | 0.13 | 1.40 | sx | BUD | 17003742 | BUD | | | 151 |

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 3 BUD 17003742

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.13 | 231.5 | Pg | 09:39:19.146 | 0.8 | | | | | T__ | | 2264.8 | | _c_ | ML | 2.0 | 6958211 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.13 | 231.5 | Lg | 09:39:20.613 | -0.6 | | | | | T__ | | | | --- | | 6958213 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SRO | 0.18 | 302.2 | Lg | 09:39:22.395 | -0.3 | | | | | T__ | | | | --- | | 6958212 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| A338A | 0.32 | 337.6 | Lg | 09:39:27.130 | -0.6 | | | | | T__ | | | | --- | | 6958214 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| CSKK | 0.40 | 207.5 | Lg | 09:39:29.556 | -1.1 | | | | | T__ | | | | --- | | 6958215 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.80 | 14.6 | Lg | 09:39:43.337 | 0.0 | | | | | T__ | | | | --- | | 6958216 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| EGYH | 0.87 | 250.0 | Lg | 09:39:44.438 | -1.0 | | | | | T__ | | | | --- | | 6958217 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.87 | 231.2 | Pg | 09:39:33.230 | 0.6 | | | | | T__ | | 82.1 | | --- | ML | 1.9 | 6958219 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.87 | 231.2 | Lg | 09:39:44.758 | -0.7 | | | | | T__ | | | | --- | | 6958218 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.92 | 79.5 | Pn | 09:39:34.492 | 0.3 | | | | | T__ | | 61.1 | | --- | ML | 1.8 | 6958221 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.92 | 79.5 | Lg | 09:39:47.183 | -0.8 | | | | | T__ | | | | --- | | 6958220 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.94 | 77.3 | Lg | 09:39:48.228 | -1.0 | | | | | T__ | | | | --- | | 6958222 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.07 | 308.3 | Lg | 09:39:51.539 | -1.6 | | | | | T__ | | | | --- | | 6958223 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 1.40 | 72.5 | Sn | 09:40:03.398 | 2.0 | | | | | T__ | | | | --- | | 6958224 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

2021/11/26 17:27:58.86 1.13 0.71 46.1683 17.3162 7.0 6.1 71 8.4 8.1 11 7 119 0.02 0.92 ke BUD 17003744 BUD 165

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 4 BUD 17003744

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| A264A | 0.02 | 244.9 | Pg | 17:28:00.509 | -0.1 | | | | | T__ | | 1487.3 | | _c_ | ML | 1.5 6958406 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.02 | 244.9 | Lg | 17:28:01.718 | -0.3 | | | | | T__ | | | | | | 6958412 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.42 | 52.2 | Pg | 17:28:07.350 | -0.2 | | | | | T__ | | 184.9 | | --- | ML | 1.7 6958407 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.42 | 52.2 | Lg | 17:28:13.752 | 0.2 | | | | | T__ | | | | --- | | 6958409 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.43 | 125.7 | Lg | 17:28:14.924 | 1.4 | | | | | T__ | | | | --- | | 6958408 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A263A | 0.47 | 359.9 | Lg | 17:28:15.492 | 0.3 | | | | | T__ | | | | --- | | 6958414 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| KOVH | 0.55 | 98.1 | Pg | 17:28:09.726 | -0.3 | | | | | T__ | | 60.5 | | --- | ML | 1.6 6958410 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.55 | 98.1 | Lg | 17:28:17.125 | -0.5 | | | | | T__ | | | | --- | | 6958413 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.79 | 291.1 | Lg | 17:28:25.488 | 0.9 | | | | | T__ | | | | --- | | 6958411 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| MORH | 0.92 | 86.6 | Pn | 17:28:16.339 | -0.2 | | | | | T__ | | 59.2 | | _c_ | ML | 1.8 6958405 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.92 | 86.6 | Lg | 17:28:29.484 | 0.2 | | | | | T__ | | | | --- | | 6958415 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/27 02:05:28.75 1.82 0.27 47.3923 18.1910 20.3 6.6 107 9.0f 6 3 277 0.05 0.09 ke BUD 17003746 BUD 327

Magnitude Err Nsta Author OrigID
ML 0.3 0.2 3 BUD 17003746

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| MSW1 | 0.05 | 89.2 | Pg | 02:05:30.939 | 0.1 | | | | | T__ | | 82.8 | | --- | ML | 0.3 6958443 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.05 | 89.2 | Lg | 02:05:32.624 | -0.2 | | | | | T__ | | | | --- | | 6958442 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.3 magdef=1 Station ML: 0.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.06 | 121.7 | Pg | 02:05:31.090 | 0.1 | | | | | T__ | | 58.6 | | --- | ML | 0.2 6958440 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 121.7 | Lg | 02:05:32.976 | -0.0 | | | | | T__ | | | | --- | | 6958441 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.2 magdef=1 Station ML: 0.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.09 | 171.5 | Pg | 02:05:31.593 | 0.2 | | | | | T__ | | 92.9 | | --- | ML | 0.5 6958444 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.09 | 171.5 | Lg | 02:05:33.429 | -0.4 | | | | | T__ | | | | --- | | 6958445 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/27 13:01:04.77 1.32 0.80 45.7445 16.8920 9.2 4.0 177 8.7 10.6 21 13 106 0.50 1.78 ke BUD 17003748 BUD 200

Magnitude Err Nsta Author OrigID

| ML | 2.1 | 0.2 | 8 | BUD | 17003748 | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|----------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| A264A | 0.50 | 33.6 | Pg | 13:01:14.981 | -0.0 | | | | | T__ | | 272.6 | | --- | ML | 2.1 | 6958669 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.50 | 33.6 | Lg | 13:01:22.139 | 0.4 | | | | | T__ | | | | --- | | 6958677 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZAG | 0.64 | 277.7 | Lg | 13:01:27.238 | 1.1 | | | | | T__ | | | | --- | | 6958670 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| PTJ | 0.67 | 284.5 | Pg | 13:01:17.925 | -0.1 | | | | | T__ | | 107.1 | | --- | ML | 1.9 | 6958679 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.67 | 284.5 | Lg | 13:01:26.773 | -0.9 | | | | | T__ | | | | --- | | 6958671 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.67 | 74.8 | Pg | 13:01:18.208 | 0.1 | | | | | T__ | | 324.7 | | --- | ML | 2.4 | 6958683 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.67 | 74.8 | Lg | 13:01:27.555 | 0.8 | | | | | T__ | | | | --- | | 6958684 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.73 | 353.7 | Pg | 13:01:19.548 | 0.4 | | | | | T__ | | 284.6 | | --- | ML | 2.4 | 6958666 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.73 | 353.7 | Lg | 13:01:29.238 | 0.1 | | | | | T__ | | | | --- | | 6958672 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.83 | 327.8 | Pg | 13:01:20.854 | 0.0 | | | | | T__ | | 150.9 | | --- | ML | 2.1 | 6958680 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.83 | 327.8 | Lg | 13:01:32.022 | 0.1 | | | | | T__ | | | | --- | | 6958673 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.91 | 67.4 | Pg | 13:01:21.898 | -0.6 | | | | | T__ | | 51.5 | | --- | ML | 1.7 | 6958681 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.91 | 67.4 | Lg | 13:01:33.888 | -0.6 | | | | | T__ | | | | --- | | 6958682 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.93 | 42.4 | Lg | 13:01:34.495 | -0.5 | | | | | T__ | | | | --- | | 6958685 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| CRES | 1.01 | 275.2 | Pn | 13:01:24.724 | 0.1 | | | | | T__ | | 108.1 | | --- | ML | 2.1 | 6958665 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 1.01 | 275.2 | Lg | 13:01:38.367 | -0.5 | | | | | T__ | | | | --- | | 6958674 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLY | 1.02 | 168.2 | Sn | 13:01:40.575 | 1.5 | | | | | T__ | | | | --- | | 6958667 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ | |
| A266A | 1.23 | 50.2 | Lg | 13:01:43.988 | -0.7 | | | | | T__ | | | | --- | | 6958678 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.31 | 68.3 | Pn | 13:01:28.705 | 0.7 | | | | | T__ | | 45.4 | | --- | ML | 1.9 | 6958675 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.31 | 68.3 | Sn | 13:01:46.062 | 0.4 | | | | | T__ | | | | --- | | 6958676 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 1.78 | 328.4 | Lg | 13:01:58.883 | -1.7 | | | | | T__ | | | | --- | | 6958668 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/28 | 04:39:20.77 | 3.43 | 0.21 | 47.2614 | 18.1976 | 17.5 | 7.8 | 9 | 3.7 | 17.4 | 8 | 4 | 315 | 0.04 | 0.14 | ke | BUD | 17003750 | BUD | | | 349 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.6 | 0.2 | 4 BUD | 17003750 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW2 | 0.04 | 12.4 | Pg | 04:39:22.077 | -0.1 | | | | | T__ | | 180.2 | | _d | ML | 0.7 | 6958951 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.04 | 12.4 | Lg | 04:39:23.573 | 0.1 | | | | | T__ | | | | --- | | 6958950 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|----------------------------|------|-----|-------|--------|-----|---------|------|----|----|-----|------|-----|-----|---|
| CSKK | 0.11 | 22.8 | Pg | 04:39:23.411 | 0.0 | T__ | 103.3 | _d_ ML | 0.6 | 6958944 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.11 | 22.8 | Lg | 04:39:26.001 | 0.3 | T__ | | --- | | 6958945 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | |
| MSW3 | 0.13 | 338.2 | Pg | 04:39:23.738 | 0.0 | T__ | 53.1 | ___ ML | 0.4 | 6958948 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.13 | 338.2 | Lg | 04:39:26.253 | -0.0 | T__ | | --- | | 6958949 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.4 magdef=1) | | | | | | | | | | | | | | |
| MSW1 | 0.14 | 17.6 | Pg | 04:39:23.839 | -0.0 | T__ | 140.7 | ___ ML | 0.8 | 6958947 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.14 | 17.6 | Lg | 04:39:26.353 | -0.3 | T__ | | --- | | 6958946 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| | | | | (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|----------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/11/29 | 07:22:57.32 | 0.94 | 1.09 | 47.3166 | 18.3734 | 5.3 | 4.0 | 128 | 0.0f | | 15 | 10 | 109 | 0.09 | 1.29 | kx | BUD | 17003752 | BUD | | | 128 |
| 2021/11/29 | 07:22:57.57 | 0.89 | 1.08 | 47.3167 | 18.3081f | | | | 0.0f | | 15 | 10 | 106 | 0.06 | 1.27 | kx | BUD_GT | 17003753 | BUD_GT | | | 138 |
| (locality : Magyaralmás Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.7 | 0.1 | 4 BUD_GT | 17003753 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 325.1 | Pg | 07:23:00.640 | 1.2 | | | | | T__ | | 1844.1 | | ___ | ML | 1.7 | 6958985 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 325.1 | Lg | 07:23:01.050 | -0.3 | | | | | T__ | | | | --- | | 6958987 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.33 | 8.9 | Lg | 07:23:09.838 | -0.7 | | | | | T__ | | | | --- | | 6958991 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.54 | 254.6 | Pg | 07:23:10.186 | 1.4 | | | | | T__ | | 57.1 | | ___ | ML | 1.6 | 6958988 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.54 | 254.6 | Lg | 07:23:16.373 | -0.9 | | | | | T__ | | | | --- | | 6958992 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.71 | 42.0 | Pg | 07:23:11.519 | -0.9 | | | | | T__ | | 66.1 | | ___ | ML | 1.7 | 6958989 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.71 | 42.0 | Lg | 07:23:22.465 | -1.6 | | | | | T__ | | | | --- | | 6958993 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.13 | 168.1 | Lg | 07:23:35.297 | -1.0 | | | | | T__ | | | | --- | | 6958994 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.20 | 61.4 | Sn | 07:23:37.617 | -1.0 | | | | | T__ | | | | --- | | 6958995 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.23 | 16.6 | Sn | 07:23:38.706 | -1.2 | | | | | T__ | | | | --- | | 6958998 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.23 | 60.1 | Pn | 07:23:21.994 | 0.9 | | | | | T__ | | 40.0 | | ___ | ML | 1.8 | 6958986 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.23 | 60.1 | Sn | 07:23:38.731 | -1.2 | | | | | T__ | | | | --- | | 6958997 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.24 | 186.7 | Sn | 07:23:38.178 | -1.0 | | | | | T__ | | | | --- | | 6958996 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.24 | 186.7 | Lg | 07:23:40.187 | -0.2 | | | | | T__ | | | | --- | | 6958990 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.27 | 327.1 | Sn | 07:23:39.481 | -1.2 | | | | | T__ | | | | --- | | 6958999 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|--|-----|
| 2021/11/29 | 09:04:53.93 | 3.45 | 0.91 | 48.0317 | 16.1442 | 22.7 | 8.2 | 26 | 0.0f | | 7 | 5 | 219 | 0.22 | 1.45 | sx | BUD | 17003754 | BUD | | | | | 274 |

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
|-----------|------|-------|--------|----------------------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| CONA | 0.22 | 241.5 | Pg | 09:04:58.322 | -0.1 | | | | | T__ | | 64.8 | | --- | ML | 0.7 | 6959023 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.22 | 241.5 | Lg | 09:05:00.966 | -0.6 | | | | | T__ | | | | --- | | 6959026 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.35 | 162.8 | Lg | 09:05:05.800 | -0.1 | | | | | T__ | | | | --- | | 6959027 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| A018A | 0.77 | 248.5 | Pg | 09:05:09.406 | 0.5 | | | | | T__ | | 40.0 | | --- | ML | 1.5 | 6959024 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.77 | 248.5 | Lg | 09:05:19.242 | 0.6 | | | | | T__ | | | | --- | | 6959028 | FDSN | Z3 | 00 | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.89 | 208.5 | Lg | 09:05:22.758 | 0.5 | | | | | T__ | | | | --- | | 6959029 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ | |
| CKRC | 1.45 | 303.5 | Sn | 09:05:39.549 | -1.4 | | | | | T__ | | | | --- | | 6959025 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/29 | 09:06:46.02 | 0.92 | 0.62 | 47.8971 | 19.8563 | 4.4 | 2.9 | 36 | 0.0f | | 11 | 8 | 121 | 0.02 | 1.01 | sx | BUD | 17003756 | BUD | | | 206 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.4 | 3 BUD | 17003756 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ET1H | 0.02 | 150.7 | Pg | 09:06:47.252 | 0.3 | | | | | T__ | | 2127.3 | | _c | ML | 1.7 | 6959056 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.02 | 150.7 | Lg | 09:06:47.853 | -0.2 | | | | | T__ | | | | --- | | 6959057 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.03 | 50.3 | Pg | 09:06:48.132 | 0.7 | | | | | T__ | | 1005.3 | | _c | ML | 1.4 | 6959054 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.03 | 50.3 | Lg | 09:06:49.202 | 0.2 | | | | | T__ | | | | --- | | 6959058 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.17 | 272.3 | Pg | 09:06:50.220 | 0.2 | | | | | T__ | | 216.6 | | --- | ML | 1.1 | 6959055 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.17 | 272.3 | Lg | 09:06:52.993 | -0.2 | | | | | T__ | | | | --- | | 6959060 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| | | | | (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 63.1 | Lg | 09:07:04.201 | -0.7 | | | | | T__ | | | | --- | | 6959059 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| KECS | 0.72 | 35.4 | Lg | 09:07:11.073 | -0.4 | | | | | T__ | | | | --- | | 6959061 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 0.75 | 37.1 | Lg | 09:07:12.169 | -0.4 | | | | | T__ | | | | --- | | 6959062 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| VVHS | 0.91 | 311.6 | Lg | 09:07:16.969 | -0.7 | | | | | T__ | | | | --- | | 6959063 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| ABAH | 1.01 | 66.2 | Lg | 09:07:20.896 | -1.0 | | | | | T__ | | | | --- | | 6959064 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/11/29 | 10:02:22.59 | 0.96 | 1.74 | 48.4992 | 17.4382 | 7.0 | 3.8 | 149 | 0.0f | | 7 | 5 | 130 | 0.17 | 1.20 | sx | BUD | 17003758 | BUD | | | 197 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|
| MODS | 0.17 | 220.5 | Pg | 10:02:26.199 | -0.3 | | | | | T__ | | | | --- | | 6959085 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.17 | 220.5 | Lg | 10:02:28.459 | -1.4 | | | | | T__ | | | | --- | | 6959088 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ |
| JAVC | 0.39 | 23.1 | Lg | 10:02:35.464 | -2.1 | | | | | T__ | | | | --- | | 6959091 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ |
| KRUC | 0.89 | 309.6 | Lg | 10:02:53.764 | 1.0 | | | | | T__ | | | | --- | | 6959086 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ |

```

VYHS 0.93 89.8 Pg 10:02:42.142 0.8 T__ 14.2 ___ ML 1.2 6959090 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.93 89.8 Lg 10:02:54.781 -0.1 T__ ___ 6959089 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
CONA 1.20 242.1 Lg 10:03:03.792 2.1 T__ ___ 6959087 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/29 10:09:12.69 0.96 1.15 47.3564 18.4276 4.8 3.8 104 0.0f 20 14 111 0.11 1.29 sx BUD 17003760 BUD 113

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 6 BUD 17003760

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.11 273.5 Pg 10:09:16.000 0.4 T__ 3918.9 ___ ML 2.2 6959154 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.11 273.5 Lg 10:09:17.216 -1.2 T__ ___ 6959155 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MSW1 0.12 287.8 Pg 10:09:16.739 1.0 T__ 1843.5 ___ ML 1.9 6959167 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.12 287.8 Lg 10:09:17.839 -0.8 T__ ___ 6959168 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW2 0.16 249.9 Lg 10:09:18.736 -1.1 T__ 6959169 FDSN HU -- BUD iLoc HHN ??? _
MSW3 0.21 277.6 Pg 10:09:17.921 0.6 T__ 482.7 ___ ML 1.6 6959170 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.21 277.6 Lg 10:09:20.530 -0.9 T__ ___ 6959171 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
HU09A 0.28 353.8 Lg 10:09:23.346 -0.8 T__ 6959156 FDSN ZJ 00 BUD iLoc HHN ??? _
A267A 0.41 174.8 Lg 10:09:27.554 -0.8 T__ 6959157 FDSN Z3 00 BUD iLoc HHE ??? _
SRO 0.46 350.4 Lg 10:09:29.391 -1.0 T__ 6959158 FDSN SK -- BUD iLoc EHN ??? _
HU10A 0.63 39.1 Lg 10:09:35.126 -1.1 T__ 6959160 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.63 253.2 Pg 10:09:26.999 1.3 T__ 87.4 ___ ML 1.8 6959152 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.63 253.2 Lg 10:09:34.005 -1.3 T__ ___ 6959159 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 1.11 61.3 Pn 10:09:35.988 1.6 T__ 41.6 ___ ML 1.7 6959153 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.11 61.3 Sn 10:09:50.556 -1.0 T__ ___ 6959161 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 1.14 59.9 Pn 10:09:36.207 1.2 T__ 53.0 ___ ML 1.9 6959163 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.14 59.9 Sn 10:09:51.859 -1.0 T__ ___ 6959162 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 1.15 172.5 Lg 10:09:50.770 -1.5 T__ 6959164 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.17 13.4 Sn 10:09:52.442 -1.1 T__ 6959165 FDSN SK -- BUD iLoc HHN ??? _
KOVH 1.29 190.2 Sn 10:09:56.136 0.5 T__ ___ 6959166 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/29 10:26:18.51 0.93 0.93 47.8717 19.1618 8.7 3.7 172 0.0f 12 9 165 0.10 1.36 kx BUD 17003762 BUD 203
2021/11/29 10:26:18.38 0.92 1.20 47.8355 19.1270f 0.0f 12 9 192 0.07 1.35 kx BUD_GT 17003763 BUD_GT 209
(locality : Sejce-Vác Hungary)

```

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.7 0.1 3 BUD_GT 17003763

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 10:26:21.371 | 1.0 | | | | | T__ | | 2232.8 | | --- | ML | 1.9 | 6959206 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 10:26:22.376 | 0.1 | | | | | T__ | | | | --- | | 6959208 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.33 | 77.7 | Lg | 10:26:30.315 | -0.5 | | | | | T__ | | | | --- | | 6959209 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.50 | 84.8 | Lg | 10:26:36.063 | -1.0 | | | | | T__ | | | | --- | | 6959210 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.52 | 80.6 | Lg | 10:26:36.734 | -1.5 | | | | | T__ | | | | --- | | 6959211 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.69 | 343.6 | Lg | 10:26:41.648 | -1.0 | | | | | T__ | | | | --- | | 6959212 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.98 | 72.5 | Pn | 10:26:38.645 | 0.2 | | | | | T__ | | 35.4 | | --- | ML | 1.6 | 6959214 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 72.5 | Lg | 10:26:51.812 | -2.4 | | | | | T__ | | | | --- | | 6959213 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.12 | 54.0 | Sn | 10:26:56.053 | -1.4 | | | | | T__ | | | | --- | | 6959215 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| JOS | 1.15 | 54.5 | Pg | 10:26:41.752 | 0.5 | | | | | T__ | | 33.4 | | --- | ML | 1.7 | 6959207 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.15 | 54.5 | Sn | 10:26:56.822 | -1.5 | | | | | T__ | | | | --- | | 6959216 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.35 | 294.2 | Sn | 10:27:03.158 | -0.7 | | | | | T__ | | | | --- | | 6959217 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/11/29 11:00:20.99 0.96 0.76 48.1414 16.9652 8.9 3.3 132 0.0f 14 11 149 0.31 1.33 sx BUD 17003764 BUD 181

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MODS | 0.31 | 41.8 | Pg | 11:00:28.201 | 0.4 | | | | | T__ | | | | --- | | 6959246 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.31 | 41.8 | Lg | 11:00:32.722 | -0.6 | | | | | T__ | | | | --- | | 6959248 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.63 | 225.8 | Pg | 11:00:33.370 | -0.3 | | | | | T__ | | 46.4 | | --- | ML | 1.5 | 6959250 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.63 | 225.8 | Lg | 11:00:41.196 | -0.9 | | | | | T__ | | | | --- | | 6959249 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.77 | 254.3 | Lg | 11:00:45.730 | -0.7 | | | | | T__ | | | | --- | | 6959251 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| JAVC | 0.86 | 32.9 | Lg | 11:00:51.160 | -0.7 | | | | | T__ | | | | --- | | 6959252 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.00 | 337.9 | Lg | 11:00:54.333 | -0.5 | | | | | T__ | | | | --- | | 6959254 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| A011B | 1.00 | 223.2 | Lg | 11:00:54.506 | 1.5 | | | | | T__ | | | | --- | | 6959253 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| A013A | 1.05 | 266.3 | Lg | 11:00:54.817 | 0.1 | | | | | T__ | | | | --- | | 6959255 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| VRAC | 1.19 | 348.2 | Lg | 11:01:01.722 | 0.6 | | | | | T__ | | | | --- | | 6959247 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.30 | 73.5 | Sn | 11:01:04.577 | -0.4 | | | | | T__ | | | | --- | | 6959259 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 1.32 | 228.1 | Pn | 11:00:45.666 | -0.6 | | | | | T__ | | 70.0 | | --- | ML | 2.1 | 6959257 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 1.32 | 228.1 | Lg | 11:01:03.169 | 0.1 | | | | | T__ | | | | --- | | 6959256 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 1.33 | 253.3 | Lg | 11:01:04.263 | 0.8 | | | | | T__ | | | | --- | | 6959258 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | | | |
|----------------------------|-------------|-------|--------|--------------|-----------|------|-------|------|-------|-----|------|--------|-----|-------|-----------|---------|---------|----------|------|-------|------|------|------|-----|-----|---|
| 2021/11/29 | 11:12:51.03 | 0.80 | 1.00 | 47.1028 | 18.3476 | 3.8 | 3.2 | 55 | 0.0f | | 28 | 19 | 52 | 0.18 | 1.79 | sx | BUD | 17003766 | BUD | | | 75 | | | | |
| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | | |
| ML | 2.0 | 0.1 | 9 | BUD | 17003766 | | | | | | | | | | | | | | | | | | | | | |
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
| A267A | 0.18 | 149.5 | Pg | 11:12:56.071 | 0.9 | | | | | T__ | | 7877.7 | | ___ | ML | 2.7 | 6959309 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| A267A | 0.18 | 149.5 | Lg | 11:12:57.764 | -1.1 | | | | | T__ | | | | --- | | 6959310 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSSK | 0.27 | 347.2 | Pg | 11:12:57.224 | 0.3 | | | | | T__ | | 330.8 | | --- | ML | 1.6 | 6959308 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CSSK | 0.27 | 347.2 | Lg | 11:13:01.348 | -0.8 | | | | | T__ | | | | --- | | 6959311 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A271A | 0.34 | 80.9 | Lg | 11:13:03.987 | -0.5 | | | | | T__ | | | | --- | | 6959312 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| HU09A | 0.54 | 2.5 | Pg | 11:13:02.908 | 0.8 | | | | | T__ | | 149.7 | | --- | ML | 2.0 | 6959315 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU09A | 0.54 | 2.5 | Lg | 11:13:10.258 | -1.1 | | | | | T__ | | | | --- | | 6959314 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A272A | 0.55 | 130.0 | Lg | 11:13:10.794 | -1.0 | | | | | T__ | | | | --- | | 6959316 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| MPLH | 0.56 | 277.3 | Pg | 11:13:02.946 | 0.4 | | | | | T__ | | 141.3 | | --- | ML | 2.0 | 6959313 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MPLH | 0.56 | 277.3 | Lg | 11:13:10.073 | -1.1 | | | | | T__ | | | | --- | | 6959331 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.76 | 294.8 | Lg | 11:13:16.935 | -1.0 | | | | | T__ | | | | --- | | 6959317 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| A265A | 0.78 | 209.4 | Lg | 11:13:17.453 | -0.2 | | | | | T__ | | | | --- | | 6959332 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| A261A | 0.83 | 260.0 | Lg | 11:13:19.002 | -0.7 | | | | | T__ | | | | --- | | 6959318 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| A263A | 0.85 | 237.3 | Lg | 11:13:19.261 | -0.6 | | | | | T__ | | | | --- | | 6959319 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |
| MORH | 0.91 | 167.0 | Pg | 11:13:10.159 | 0.9 | | | | | T__ | | 59.2 | | --- | ML | 1.8 | 6959307 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORH | 0.91 | 167.0 | Lg | 11:13:22.062 | -0.6 | | | | | T__ | | | | --- | | 6959333 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU22A | 0.94 | 144.9 | Lg | 11:13:23.332 | -1.7 | | | | | T__ | | | | --- | | 6959320 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| KOVH | 1.03 | 189.6 | Lg | 11:13:25.627 | -1.5 | | | | | T__ | | | | --- | | 6959321 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| HU03A | 1.17 | 46.2 | Pn | 11:13:14.386 | 1.0 | | | | | T__ | | 80.5 | | --- | _c_ | ML | 2.1 | 6959322 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 1.17 | 46.2 | Sn | 11:13:30.967 | -0.2 | | | | | T__ | | | | --- | | 6959334 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 1.25 | 240.2 | Lg | 11:13:32.949 | 0.5 | | | | | T__ | | | | --- | | 6959323 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| ET1H | 1.29 | 52.5 | Sn | 11:13:33.650 | -0.7 | | | | | T__ | | | | --- | | 6959324 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| PSZ | 1.33 | 51.5 | Pn | 11:13:16.246 | 0.3 | | | | | T__ | | 60.0 | | --- | ML | 2.0 | 6959325 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 1.33 | 51.5 | Sn | 11:13:35.071 | -0.6 | | | | | T__ | | | | --- | | 6959326 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.43 | 13.1 | Pn | 11:13:19.187 | 1.9 | | | | | T__ | | 13.3 | | --- | ML | 1.4 | 6959328 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | |
| VYHS | 1.43 | 13.1 | Sn | 11:13:38.117 | -0.1 | | | | | T__ | | | | --- | | 6959327 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.79 | 54.5 | Pg | 11:13:27.232 | 0.0 | | | | | T__ | | 28.6 | | --- | ML | 2.0 | 6959330 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 1.79 | 54.5 | Sn | 11:13:48.490 | 1.9 | | | | | T__ | | | | --- | | 6959329 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/29 | 12:18:39.91 | 1.01 | 1.18 | 47.9897 | 16.6527 | 5.7 | 4.5 | 124 | 0.0f | 15 | 13 | 73 | 0.38 | 1.57 | sx | BUD | 17003768 | BUD | | | | 120 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.3 | 4 BUD | 17003768 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.38 | 219.7 | Pg | 12:18:47.445 | -0.2 | | | | | T__ | | 67.5 | | ___ | ML | 1.2 | 6959399 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.38 | 219.7 | Lg | 12:18:51.622 | -1.2 | | | | | T__ | | | | --- | | 6959402 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.54 | 263.7 | Pg | 12:18:50.909 | 0.3 | | | | | T__ | | 57.9 | | ___ | ML | 1.6 | 6959398 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.54 | 263.7 | Lg | 12:18:56.779 | -1.0 | | | | | T__ | | | | --- | | 6959403 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.57 | 47.2 | Lg | 12:19:00.667 | -0.2 | | | | | T__ | | | | --- | | 6959404 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A011B | 0.75 | 219.1 | Lg | 12:19:05.137 | 1.2 | | | | | T__ | | | | --- | | 6959405 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| A013A | 0.84 | 275.5 | Lg | 12:19:06.871 | -0.1 | | | | | T__ | | | | --- | | 6959406 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.02 | 143.5 | Lg | 12:19:14.499 | -0.5 | | | | | T__ | | | | --- | | 6959407 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 1.06 | 226.4 | Lg | 12:19:14.292 | 0.5 | | | | | T__ | | | | --- | | 6959400 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.09 | 351.0 | Lg | 12:19:16.838 | 0.0 | | | | | T__ | | | | --- | | 6959401 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| A018A | 1.09 | 257.5 | Pg | 12:19:01.599 | 0.6 | | | | | T__ | | 47.0 | | --- | ML | 1.8 | 6959408 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.10 | 37.6 | Pn | 12:19:02.173 | -0.1 | | | | | T__ | | 69.0 | | ___ | ML | 2.0 | 6959409 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TREC | 1.52 | 329.8 | Sn | 12:19:28.624 | 0.4 | | | | | T__ | | | | --- | | 6959410 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.54 | 70.1 | Sn | 12:19:33.103 | 3.3 | | | | | T__ | | | | --- | | 6959412 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KOGS | 1.57 | 190.2 | Lg | 12:19:31.222 | 1.0 | | | | | T__ | | | | --- | | 6959411 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/11/30 | 10:08:13.64 | 0.93 | 1.32 | 48.6701 | 17.7405 | 5.1 | 4.0 | 44 | 0.0f | 10 | 6 | 123 | 0.19 | 1.46 | sx | BUD | 17003770 | BUD | | | | 232 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.3 | 4 BUD | 17003770 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JAVC | 0.19 | 346.3 | Pg | 10:08:17.849 | -0.3 | | | | | T__ | | 605.9 | | ___ | ML | 1.6 | 6959491 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.19 | 346.3 | Lg | 10:08:20.559 | -1.3 | | | | | T__ | | | | --- | | 6959494 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.43 | 226.2 | Lg | 10:08:27.596 | -2.1 | | | | | T__ | | | | --- | | 6959495 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.75 | 103.2 | Pg | 10:08:29.604 | 0.8 | | | | | T__ | | 21.0 | | --- | ML | 1.2 | 6959492 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.75 | 103.2 | Lg | 10:08:38.276 | -1.4 | | | | | T__ | | | | --- | | 6959496 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VRAC | 0.99 | 310.6 | Pg | 10:08:33.538 | 1.2 | | | | | T__ | | 13.6 | | --- | ML | 1.2 | 6959493 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| VRAC | 0.99 | 310.6 | Lg | 10:08:46.652 | -0.2 | | | | | T__ | | | | --- | | 6959497 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MORC 1.12 353.4 Pg 10:08:35.623 1.2 T__ 63.6 ___ ML 1.9 6959499 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.12 353.4 Lg 10:08:49.953 -0.0 T__ ___ 6959498 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
CONA 1.46 240.1 Lg 10:09:01.743 0.7 T__ ___ 6959500 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/30 10:32:46.14 1.21 1.16 48.5362 20.8381 6.7 5.7 3 0.0f 12 9 88 0.20 1.33 sx BUD 17003772 BUD 157

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.0 3 BUD 17003772

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.20 258.6 Pg 10:32:51.046 0.7 T__ 380.6 ___ ML 1.4 6959530 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 258.6 Lg 10:32:53.372 -0.3 T__ ___ 6959533 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.24 257.4 Pg 10:32:51.869 0.7 T__ 643.5 ___ ML 1.8 6959531 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.24 257.4 Lg 10:32:54.486 -0.5 T__ ___ 6959534 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.36 131.8 Lg 10:32:59.739 -0.2 T__ ___ 6959535 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.46 206.9 Lg 10:33:02.994 -0.5 T__ ___ 6959536 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.88 225.9 Lg 10:33:16.249 -1.8 T__ ___ 6959537 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.92 224.9 Lg 10:33:17.667 -1.3 T__ ___ 6959532 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.95 338.3 Lg 10:33:16.314 -1.3 T__ ___ 6959538 FDSN PL -- BUD iLoc BHN ??? _
KOLS 1.03 66.8 Lg 10:33:20.568 -1.3 T__ ___ 6959539 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.33 268.9 Pn 10:33:12.299 1.2 T__ 16.2 ___ ML 1.4 6959540 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.33 268.9 Sn 10:33:29.961 -1.0 T__ ___ 6959541 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/01 07:41:24.94 0.92 1.09 47.7897 19.9450 4.0 3.4 34 0.0f 17 10 119 0.10 1.02 sx BUD 17003776 BUD 216

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.5 7 BUD 17003776

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ET1H 0.10 331.0 Pg 07:41:28.536 0.9 T__ 4532.0 ___ ML 2.2 6959815 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.10 331.0 Lg 07:41:29.028 -0.9 T__ ___ 6959818 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PSZ 0.13 345.2 Pg 07:41:29.013 0.6 T__ 2885.8 ___ ML 2.1 6959814 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.13 345.2 Lg 07:41:30.044 -1.4 T__ ___ 6959819 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU03A 0.26 296.3 Pg 07:41:31.589 0.9 T__ 346.9 ___ ML 1.6 6959821 FDSN ZJ 00 BUD iLoc HHZ HHZ _

```

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| HU03A | 0.26 | 296.3 | Lg | 07:41:34.513 | -0.6 | T__ | | | | | | | | 6959820 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.51 | 49.3 | Pg | 07:41:36.301 | 0.4 | T__ | 55.2 | | | | | | | 6959816 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.51 | 49.3 | Lg | 07:41:43.319 | -0.9 | T__ | | | | | | | | 6959822 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| BSZH | 0.54 | 155.9 | Pg | 07:41:36.967 | 0.2 | T__ | 380.0 | | | | | | | 6959824 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BSZH | 0.54 | 155.9 | Lg | 07:41:45.216 | -0.1 | T__ | | | | | | | | 6959823 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.63 | 275.4 | Lg | 07:41:47.145 | -1.0 | T__ | | | | | | | | 6959825 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| KECS | 0.78 | 27.4 | Lg | 07:41:51.794 | -0.7 | T__ | | | | | | | | 6959826 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| JOS | 0.81 | 29.2 | Pg | 07:41:43.246 | 2.1 | T__ | 88.2 | | | | | | | 6959817 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.81 | 29.2 | Lg | 07:41:52.541 | -0.9 | T__ | | | | | | | | 6959827 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 1.01 | 59.3 | Lg | 07:41:59.628 | -1.1 | T__ | | | | | | | | 6959830 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.02 | 313.9 | Pg | 07:41:46.444 | 0.8 | T__ | 21.8 | | | | | | | 6959829 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.02 | 313.9 | Lg | 07:41:59.186 | -1.4 | T__ | | | | | | | | 6959828 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/12/01 | 07:54:18.23 | 1.24 | 0.89 | 46.0925 | 22.8912 | 8.6 | 4.8 | 49 | 0.0f | | 11 | 6 | 146 | 0.21 | 1.01 | sx | BUD | 17003778 | BUD | | | 214 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.9 | 0.3 | 5 BUD | 17003778 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| DEV | 0.21 | 177.7 | Pg | 07:54:22.474 | 0.3 | | | | | T__ | | 547.0 | | | ML | 1.6 | 6959867 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.21 | 177.7 | Lg | 07:54:25.029 | -0.1 | | | | | T__ | | | | | | 6959870 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.70 | 186.6 | Pg | 07:54:31.868 | 0.1 | | | | | T__ | | 92.7 | | | ML | 1.9 | 6959868 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.70 | 186.6 | Lg | 07:54:41.241 | -0.5 | | | | | T__ | | | | | | 6959871 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.71 | 350.0 | Lg | 07:54:42.506 | -1.6 | | | | | T__ | | | | | | 6959872 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| SIRR | 0.87 | 282.0 | Pg | 07:54:36.906 | 0.9 | | | | | T__ | | 118.5 | | | ML | 2.1 | 6959874 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.87 | 282.0 | Lg | 07:54:47.494 | -1.1 | | | | | T__ | | | | | | 6959873 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.89 | 136.0 | Pg | 07:54:35.862 | 0.5 | | | | | T__ | | 217.3 | | | ML | 2.3 | 6959875 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.89 | 136.0 | Lg | 07:54:47.666 | -0.7 | | | | | T__ | | | | | | 6959876 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.01 | 242.3 | Pg | 07:54:38.093 | 0.2 | | | | | T__ | | 34.6 | | | ML | 1.6 | 6959869 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 1.01 | 242.3 | Lg | 07:54:51.267 | -0.8 | | | | | T__ | | | | | | 6959877 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/12/01 | 08:37:08.54 | 1.47 | 0.87 | 47.9653 | 20.3920 | 13.9 | 3.4 | 143 | 0.0f | 11 | 7 | 196 | 0.18 | 1.17 | kx | BUD | 17003780 | BUD | | | | 226 |
| 2021/12/01 | 08:37:08.72 | 0.91 | 0.79 | 47.9767 | 20.3679f | | | | 0.0f | 11 | 7 | 192 | 0.18 | 1.15 | kx | BUD_GT | 17003781 | BUD_GT | | | | 218 |

(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.1 | 0.2 | 4 BUD_GT | 17003781 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.18 | 35.8 | Pg | 08:37:13.368 | 0.4 | | | | | T__ | | 200.3 | | _c_ | ML | 1.1 | 6959934 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.18 | 35.8 | Lg | 08:37:16.077 | -0.4 | | | | | T__ | | | | --- | | 6959942 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.32 | 259.8 | Pg | 08:37:16.608 | 0.5 | | | | | T__ | | 79.0 | | --- | ML | 1.1 | 6959937 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.32 | 259.8 | Lg | 08:37:20.840 | -0.8 | | | | | T__ | | | | --- | | 6959938 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.35 | 253.9 | Pg | 08:37:17.073 | 0.7 | | | | | T__ | | 41.2 | | --- | ML | 0.9 | 6959939 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.35 | 253.9 | Lg | 08:37:21.720 | -0.3 | | | | | T__ | | | | --- | | 6959940 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.51 | 8.8 | Lg | 08:37:26.993 | -0.1 | | | | | T__ | | | | --- | | 6959943 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| JOS | 0.53 | 12.4 | Pg | 08:37:19.486 | 0.0 | | | | | T__ | | 43.5 | | --- | ML | 1.4 | 6959935 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 12.4 | Lg | 08:37:27.673 | -0.0 | | | | | T__ | | | | --- | | 6959944 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.67 | 61.0 | Lg | 08:37:31.305 | -2.0 | | | | | T__ | | | | --- | | 6959936 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.15 | 297.4 | Lg | 08:37:47.963 | -0.5 | | | | | T__ | | | | --- | | 6959941 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/01 | 08:41:44.51 | 1.11 | 0.43 | 47.9657 | 16.6562 | 9.2 | 4.3 | 132 | 0.0f | 9 | 6 | 177 | 0.36 | 1.11 | sx | BUD | 17003782 | BUD | | | | 231 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.6 | 3 BUD | 17003782 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.36 | 222.5 | Pg | 08:41:51.792 | -0.1 | | | | | T__ | | 69.6 | | --- | ML | 1.1 | 6959999 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.36 | 222.5 | Lg | 08:41:56.562 | -0.4 | | | | | T__ | | | | --- | | 6960000 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.54 | 266.3 | Pg | 08:41:55.522 | 0.3 | | | | | T__ | | 57.4 | | --- | ML | 1.5 | 6959995 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.54 | 266.3 | Lg | 08:42:02.045 | -0.3 | | | | | T__ | | | | --- | | 6960001 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.58 | 45.3 | Pg | 08:41:56.762 | 0.1 | | | | | T__ | | | | --- | | 6959994 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| ARSA | 1.05 | 227.4 | Lg | 08:42:18.554 | 0.6 | | | | | T__ | | | | --- | | 6959996 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| A018A | 1.09 | 258.8 | Pg | 08:42:05.504 | -0.1 | | | | | T__ | | 73.0 | | --- | ML | 2.0 | 6959998 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 1.09 | 258.8 | Lg | 08:42:19.478 | 0.3 | | | | | T__ | | | | --- | | 6959997 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 2.0 magdef=1
 KRUC 1.11 351.1 Lg 08:42:21.716 -0.5 T__ --- 6960002 FDSN CZ -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/12/01 09:52:42.63 1.32 0.71 46.9129 17.3739 8.5 6.3 19 0.0f 6 5 135 0.16 1.12 sx BUD 17003784 BUD 235

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
 A261A 0.16 284.3 Lg 09:52:49.245 -0.3 T__ --- 6960054 FDSN Z3 00 BUD iLoc HHN ??? _
 MPLH 0.28 23.7 Pg 09:52:49.226 0.3 T__ 178.7 --- ML 1.3 6960047 FDSN HU -- BUD iLoc HHZ HHZ _
 MPLH 0.28 23.7 Lg 09:52:53.128 -0.7 T__ --- 6960050 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=0
 TIH 0.36 91.9 Lg 09:52:55.960 -0.1 T__ --- 6960051 FDSN HU -- BUD iLoc HHZ ??? _
 KOVH 0.97 148.4 Lg 09:53:15.488 -0.4 T__ --- 6960049 FDSN HU -- BUD iLoc HHN ??? _
 MORH 1.12 128.1 Sn 09:53:20.168 -0.8 T__ --- 6960053 FDSN HU -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/12/01 10:49:16.51 0.90 0.68 47.8759 16.0906 5.3 4.4 163 0.0f 16 9 84 0.16 1.52 sx BUD 17003786 BUD 128

Magnitude Err Nsta Author OrigID
 ML 1.8 0.2 6 BUD 17003786

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
 CONA 0.16 288.9 Pg 10:49:20.094 0.1 T__ 361.8 --- ML 1.3 6960088 FDSN OE -- BUD iLoc HHZ HHZ _
 CONA 0.16 288.9 Lg 10:49:21.633 -0.8 T__ --- 6960096 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 RONA 0.22 141.7 Pg 10:49:21.910 0.6 T__ 108.6 --- ML 1.0 6960089 FDSN OE -- BUD iLoc HHZ HHZ _
 RONA 0.22 141.7 Lg 10:49:24.434 -0.2 T__ --- 6960097 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 1.0 magdef=1
 (Station ML: 1.0 magdef=0
 AO18A 0.70 259.4 Pg 10:49:30.774 0.8 T__ 76.2 --- ML 1.8 6960090 FDSN Z3 00 BUD iLoc HHZ HHZ _
 AO18A 0.70 259.4 Lg 10:49:38.592 -0.2 T__ --- 6960098 FDSN Z3 00 BUD iLoc HHN ??? _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 ARSA 0.73 211.8 Pg 10:49:29.789 -0.9 T__ 70.5 --- ML 1.8 6960091 FDSN OE -- BUD iLoc HHZ HHZ _
 ARSA 0.73 211.8 Lg 10:49:39.823 -0.1 T__ --- 6960099 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 MODS 0.94 57.5 Pg 10:49:35.945 0.4 T__ --- 6960093 FDSN SK -- BUD iLoc HHZ ??? _
 MODS 0.94 57.5 Lg 10:49:49.057 -1.0 T__ --- 6960100 FDSN SK -- BUD iLoc HHN ??? _
 A262A 1.05 163.5 Lg 10:49:51.150 0.1 T__ --- 6960101 FDSN Z3 00 BUD iLoc HHN ??? _
 KRUC 1.20 9.6 Pg 10:49:40.131 0.5 T__ 64.3 --- ML 2.0 6960092 FDSN CZ -- BUD iLoc HHZ HHZ _
 KRUC 1.20 9.6 Sn 10:49:56.506 -0.6 T__ --- 6960094 FDSN CZ -- BUD iLoc HHN ??? _
 (Reading ML: 2.0 magdef=1
 (Station ML: 2.0 magdef=1
 VRAC 1.47 12.9 Sn 10:50:04.563 0.9 T__ --- 6960102 FDSN CZ -- BUD iLoc HHN ??? _
 CKRC 1.52 309.1 Pg 10:49:45.691 0.7 T__ 121.2 --- ML 2.4 6960095 FDSN CZ -- BUD iLoc HHZ HHZ _

CKRC 1.52 309.1 Sn 10:50:04.590 -0.5 T__ --- 6960103 FDSN CZ -- BUD iLoc HHN ??? _
 (Reading ML: 2.4 magdef=1
 (Station ML: 2.4 magdef=0

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/01 | 11:09:38.53 | 1.09 | 0.87 | 48.4279 | 17.2348 | 8.8 | 4.5 | 102 | 0.0f | 5 | 3 | 151 | 0.06 | 1.05 | sx | BUD | 17003788 | BUD | | | | 270 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| MODS | 0.06 | 152.4 | Pg | 11:09:40.772 | 0.3 | | | | | T__ | | | | | | 6960128 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| MODS | 0.06 | 152.4 | Lg | 11:09:41.705 | -0.6 | | | | | T__ | | | | | | 6960129 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | |
| JAVC | 0.52 | 33.7 | Pg | 11:09:49.864 | 0.4 | | | | | T__ | | 114.7 | | --- | ML | 1.8 | 6960131 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JAVC | 0.52 | 33.7 | Lg | 11:09:56.970 | -0.8 | | | | | T__ | | | | --- | | 6960130 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.05 | 242.0 | Lg | 11:10:12.310 | -0.4 | | | | | T__ | | | | | | 6960132 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/12/01 | 13:19:04.80 | 1.12 | 0.96 | 47.5606 | 18.4363 | 10.8 | 2.9 | 102 | 0.0f | 15 | 10 | 104 | 0.09 | 1.49 | kx | BUD | 17003790 | BUD | | | | 158 |
| 2021/12/01 | 13:19:04.59 | 0.89 | 0.81 | 47.5600 | 18.4573f | | | | 0.0f | 15 | 10 | 105 | 0.09 | 1.49 | kx | BUD_GT | 17003791 | BUD_GT | | | | 159 |

(locality : Tatabánya Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 6 BUD_GT 17003791

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| HU09A | 0.09 | 327.2 | Pg | 13:19:07.705 | 0.7 | | | | | T__ | | 2144.4 | | --- | ML | 1.9 | 6960216 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU09A | 0.09 | 327.2 | Lg | 13:19:08.425 | -1.0 | | | | | T__ | | | | --- | | 6960221 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.21 | 218.9 | Pg | 13:19:09.913 | 0.5 | | | | | T__ | | 237.7 | | --- | ML | 1.3 | 6960226 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MSW1 | 0.21 | 218.9 | Lg | 13:19:12.630 | -1.1 | | | | | T__ | | | | --- | | 6960227 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 13:19:10.168 | 0.3 | | | | | T__ | | 262.1 | | _c_ | ML | 1.4 | 6960215 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| CSKK | 0.24 | 214.2 | Lg | 13:19:14.222 | -0.3 | | | | | T__ | | | | --- | | 6960219 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.29 | 231.9 | Pg | 13:19:11.261 | 0.5 | | | | | T__ | | 120.9 | | --- | ML | 1.2 | 6960228 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.31 | 213.1 | Pg | 13:19:11.925 | 0.7 | | | | | T__ | | 106.4 | | --- | ML | 1.2 | 6960229 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.97 | 15.1 | Pn | 13:19:25.206 | 0.6 | | | | | T__ | | 27.8 | | --- | ML | 1.5 | 6960217 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | |
| VYHS | 0.97 | 15.1 | Lg | 13:19:37.457 | -1.0 | | | | | T__ | | | | --- | | 6960218 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| PSZ | 1.03 | 69.2 | Lg | 13:19:41.600 | -0.4 | T__ | --- | 6960224 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.14 | 316.2 | Pg | 13:19:27.809 | 0.2 | T__ | --- | 6960220 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 1.14 | 316.2 | Sn | 13:19:42.752 | -1.9 | T__ | --- | 6960222 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.35 | 174.5 | Sn | 13:19:48.727 | -0.4 | T__ | --- | 6960225 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| KOVH | 1.49 | 189.6 | Sn | 13:19:52.967 | 0.3 | T__ | --- | 6960223 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/02 | 07:53:26.21 | 0.99 | 1.06 | 47.3632 | 18.4093 | 5.2 | 4.0 | 111 | 0.0f | 21 | 16 | 86 | 0.10 | 1.47 | sx | BUD | 17003792 | BUD | | | | 110 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 5 BUD | 17003792 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.10 | 270.0 | Pg | 07:53:29.724 | 0.8 | | | | | T__ | | 3951.7 | | _c_ | ML | 2.2 | 6960304 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.10 | 270.0 | Lg | 07:53:30.601 | -0.9 | | | | | T__ | | | | --- | | 6960307 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.11 | 286.3 | Pg | 07:53:29.977 | 1.0 | | | | | T__ | | 1673.0 | | --- | ML | 1.8 | 6960321 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.11 | 286.3 | Lg | 07:53:31.219 | -0.4 | | | | | T__ | | | | --- | | 6960322 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.15 | 245.8 | Lg | 07:53:31.881 | -1.2 | | | | | T__ | | | | --- | | 6960323 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MSW3 | 0.19 | 276.0 | Lg | 07:53:33.620 | -0.9 | | | | | T__ | | | | --- | | 6960324 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU09A | 0.28 | 356.2 | Lg | 07:53:36.650 | -0.8 | | | | | T__ | | | | --- | | 6960308 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.62 | 252.3 | Pg | 07:53:39.579 | 0.6 | | | | | T__ | | 64.6 | | --- | ML | 1.7 | 6960306 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.62 | 252.3 | Lg | 07:53:46.720 | -1.8 | | | | | T__ | | | | --- | | 6960305 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A338A | 0.65 | 356.7 | Lg | 07:53:49.534 | -1.0 | | | | | T__ | | | | --- | | 6960309 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| A272A | 0.73 | 148.2 | Lg | 07:53:51.476 | -1.3 | | | | | T__ | | | | --- | | 6960310 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A266A | 0.84 | 186.8 | Lg | 07:53:55.727 | 0.2 | | | | | T__ | | | | --- | | 6960320 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.12 | 61.9 | Sn | 07:54:04.326 | -0.9 | | | | | T__ | | | | --- | | 6960311 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.15 | 60.5 | Pn | 07:53:50.114 | 1.5 | | | | | T__ | | 68.2 | | --- | ML | 2.0 | 6960313 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.15 | 60.5 | Sn | 07:54:05.381 | -1.1 | | | | | T__ | | | | --- | | 6960312 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.16 | 171.9 | Sn | 07:54:05.257 | -0.7 | | | | | T__ | | | | --- | | 6960314 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.17 | 14.1 | Pn | 07:53:49.664 | 0.8 | | | | | T__ | | 21.7 | | --- | ML | 1.5 | 6960316 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.17 | 14.1 | Lg | 07:54:05.669 | -1.2 | | | | | T__ | | | | --- | | 6960315 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.27 | 323.4 | Sn | 07:54:08.438 | -1.0 | | | | | T__ | | | | --- | | 6960317 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.29 | 189.6 | Sn | 07:54:10.047 | 0.8 | | | | | T__ | | | | --- | | 6960318 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 1.47 | 284.0 | Sn | 07:54:14.028 | 0.2 | | | | | T__ | | | | --- | | 6960319 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/12/02 | 08:47:48.09 | 1.11 | 1.21 | 48.4231 | 21.4273 | 8.4 | 4.5 | 141 | 0.0f | 10 | 6 | 177 | 0.18 | 1.14 | sx | BUD | 17003794 | BUD | | | | | 307 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.4 | 3 BUD | 17003794 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.18 | 224.6 | Pg | 08:47:52.647 | 0.5 | | | | | T__ | | 213.9 | | ___ | ML | 1.1 | 6960376 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.18 | 224.6 | Lg | 08:47:54.924 | -0.7 | | | | | T__ | | | | --- | | 6960379 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.60 | 277.4 | Pg | 08:48:00.233 | 0.2 | | | | | T__ | | 38.8 | | ___ | ML | 1.4 | 6960377 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.60 | 277.4 | Lg | 08:48:08.528 | -0.5 | | | | | T__ | | | | --- | | 6960380 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.63 | 275.8 | Pg | 08:48:01.711 | 1.0 | | | | | T__ | | 87.8 | | ___ | ML | 1.8 | 6960378 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.63 | 275.8 | Lg | 08:48:09.544 | -0.7 | | | | | T__ | | | | --- | | 6960381 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.67 | 243.8 | Lg | 08:48:11.149 | -1.6 | | | | | T__ | | | | --- | | 6960382 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 0.76 | 47.4 | Pg | 08:48:02.966 | 0.3 | | | | | T__ | | | | --- | | 6960385 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.76 | 47.4 | Lg | 08:48:13.938 | -1.1 | | | | | T__ | | | | --- | | 6960384 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.14 | 244.4 | Sn | 08:48:26.345 | -2.0 | | | | | T__ | | | | --- | | 6960383 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/02 | 09:31:57.68 | 0.95 | 0.79 | 48.3221 | 19.8580 | 4.9 | 3.6 | 117 | 0.0f | | 14 | 8 | 105 | 0.40 | 1.14 | sx | BUD | 17003796 | BUD | | | 195 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 6 BUD | 17003796 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.40 | 176.5 | Pg | 09:32:07.382 | 0.8 | | | | | T__ | | 105.3 | | ___ | ML | 1.4 | 6960467 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.40 | 176.5 | Lg | 09:32:12.445 | -0.8 | | | | | T__ | | | | --- | | 6960469 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.44 | 178.8 | Pg | 09:32:07.797 | 0.5 | | | | | T__ | | 54.2 | | ___ | ML | 1.3 | 6960468 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.44 | 178.8 | Lg | 09:32:13.707 | -0.4 | | | | | T__ | | | | --- | | 6960471 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.45 | 68.7 | Pg | 09:32:07.397 | 0.6 | | | | | T__ | | 151.8 | | ___ | ML | 1.7 | 6960465 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.45 | 68.7 | Lg | 09:32:13.291 | -0.4 | | | | | T__ | | | | --- | | 6960470 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.49 | 68.8 | Pg | 09:32:07.905 | 0.4 | | | | | T__ | | 92.9 | | _c_ | ML | 1.6 | 6960464 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.49 | 68.8 | Lg | 09:32:14.584 | -0.4 | | | | | T__ | | | | --- | | 6960472 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.49 | 113.9 | Pg | 09:32:08.536 | 0.5 | | | | | T__ | | 59.7 | | ___ | ML | 1.4 | 6960466 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.49 | 113.9 | Lg | 09:32:15.000 | -1.0 | | | | | T__ | | | | --- | | 6960473 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.70 | 284.6 | Lg | 09:32:21.336 | -1.0 | | | | | T__ | | | | --- | | 6960474 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.92 | 91.1 | Lg | 09:32:29.148 | -1.2 | | | | | T__ | | | | --- | | 6960475 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 1.14 | 14.7 | Pg | 09:32:19.696 | 0.6 | | | | | T__ | | 49.4 | | ___ | ML | 1.8 | 6960477 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.14 | 14.7 | Lg | 09:32:35.271 | -0.5 | | | | | T__ | | | | --- | | 6960476 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/02 | 09:39:07.01 | 3.10 | 1.17 | 48.4700 | 20.6665 | 20.3 | 7.5 | 69 | 0.0f | 7 | 5 | 268 | 0.09 | 1.22 | sx | BUD | 17003798 | BUD | | | | 296 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.09 | 287.0 | Pg | 09:39:08.912 | -0.1 | | | | | T__ | | 126.4 | | _c_ | ML | 0.6 | 6960505 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.09 | 287.0 | Lg | 09:39:11.282 | 0.5 | | | | | T__ | | | | --- | | 6960508 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.12 | 276.3 | Pg | 09:39:09.337 | -0.4 | | | | | T__ | | 378.2 | | --- | ML | 1.2 | 6960506 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.12 | 276.3 | Lg | 09:39:12.291 | 0.4 | | | | | T__ | | | | --- | | 6960509 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 195.2 | Lg | 09:39:21.579 | 0.7 | | | | | T__ | | | | --- | | 6960507 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.76 | 223.4 | Lg | 09:39:34.304 | -0.3 | | | | | T__ | | | | --- | | 6960510 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| VVHS | 1.22 | 271.8 | Sn | 09:39:46.873 | -2.1 | | | | | T__ | | | | --- | | 6960511 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/12/02 | 10:16:53.68 | 0.83 | 1.25 | 48.2508 | 21.2106 | 4.5 | 3.5 | 9 | 0.0f | 26 | 14 | 64 | 0.05 | 1.60 | kx | BUD | 17003800 | BUD | | | | 107 |
| 2021/12/02 | 10:16:53.30 | 0.82 | 0.98 | 48.2470 | 21.2460f | | | | 0.0f | 26 | 14 | 65 | 0.05 | 1.63 | kx | BUD_GT | 17003801 | BUD_GT | | | | 107 |

(locality : Tallya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|-----------|----------|
| ML | 2.0 | 0.2 | 11 BUD_GT | 17003801 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 10:16:55.272 | 0.4 | | | | | T__ | | 27001.9 | | _c_ | ML | 2.9 | 6960559 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 10:16:55.811 | -0.7 | | | | | T__ | | | | --- | | 6960569 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 10:17:04.183 | 0.3 | | | | | T__ | | 97.3 | | --- | ML | 1.7 | 6960560 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 10:17:10.923 | -1.1 | | | | | T__ | | | | --- | | 6960570 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU07A | 0.52 | 120.5 | Pg | 10:17:05.395 | 1.4 | | | | | T__ | | 446.3 | | --- | ML | 2.4 | 6960563 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU07A | 0.52 | 120.5 | Lg | 10:17:12.782 | -0.4 | | | | | T__ | | | | --- | | 6960573 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 10:17:04.551 | 0.5 | | | | | T__ | | 106.8 | | --- | ML | 1.8 | 6960561 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 10:17:11.338 | -0.9 | | | | | T__ | | | | --- | | 6960571 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 10:17:05.091 | 0.5 | | | | | T__ | | 156.4 | | --- | ML | 2.0 | 6960562 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 10:17:12.309 | -0.8 | | | | | T__ | | | | --- | | 6960572 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU05A | 0.70 | 186.1 | Pn | 10:17:09.202 | 0.2 | | | | | T__ | | 322.8 | | --- | ML | 2.4 | 6960564 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| HU05A | 0.70 | 186.1 | Lg | 10:17:18.652 | -0.9 | T__ | | | | | | | | 6960574 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Pn | 10:17:11.531 | -0.1 | T__ | 103.1 | | | | | | | 6960565 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 10:17:23.981 | -0.8 | T__ | | | | | | | | 6960575 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| HU23A | 0.90 | 228.1 | Pg | 10:17:12.852 | 0.4 | T__ | 296.5 | | | | | | | 6960566 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU23A | 0.90 | 228.1 | Lg | 10:17:24.764 | -1.1 | T__ | | | | | | | | 6960576 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 10:17:13.702 | 0.6 | T__ | 86.6 | | | | | | | 6960568 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 10:17:26.244 | -1.8 | T__ | | | | | | | | 6960578 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Pn | 10:17:13.761 | 0.5 | T__ | | | | | | | | 6960567 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KOLS | 0.97 | 44.4 | Lg | 10:17:26.181 | -1.4 | T__ | | | | | | | | 6960577 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 0.99 | 248.7 | Pg | 10:17:14.063 | 0.0 | T__ | 52.0 | | | | | | | 6960580 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 10:17:27.236 | -1.4 | T__ | | | | | | | | 6960579 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 1.16 | 253.3 | Sn | 10:17:31.863 | -1.2 | T__ | | | | | | | | 6960581 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| NIE | 1.33 | 332.3 | Pg | 10:17:19.724 | 1.3 | T__ | 39.4 | | | | | | | 6960583 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.33 | 332.3 | Lg | 10:17:36.284 | -1.6 | T__ | | | | | | | | 6960582 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| VVHS | 1.63 | 279.6 | Lg | 10:17:47.660 | -1.3 | T__ | | | | | | | | 6960584 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/02 | 10:35:02.11 | 1.89 | 0.95 | 48.3178 | 21.4993 | 13.5 | 9.4 | 155 | 0.0f | | 8 | 6 | 113 | 0.17 | 1.73 | sx | BUD | 17003802 | BUD | | | 225 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.17 | 263.0 | Lg | 10:35:08.957 | -0.6 | | | | | T__ | | | | | | 6960654 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| JOS | 0.66 | 285.9 | Pg | 10:35:15.842 | 0.5 | | | | | T__ | 54.5 | | | | ML | 1.6 | 6960656 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.66 | 285.9 | Lg | 10:35:25.023 | -0.4 | | | | | T__ | | | | | | 6960655 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.68 | 253.6 | Pg | 10:35:16.641 | 0.3 | | | | | T__ | 55.3 | | | | ML | 1.6 | 6960650 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.68 | 253.6 | Lg | 10:35:25.771 | -1.2 | | | | | T__ | | | | | | 6960657 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.70 | 284.1 | Lg | 10:35:26.617 | 0.1 | | | | | T__ | | | | | | 6960653 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| KOLS | 0.80 | 39.5 | Lg | 10:35:29.102 | -1.4 | | | | | T__ | | | | | | 6960652 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| DRGR | 1.73 | 151.3 | Lg | 10:36:00.983 | 0.2 | | | | | T__ | | | | | | 6960651 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/02 | 11:14:21.03 | 1.37 | 1.02 | 48.7813 | 21.2269 | 8.1 | 7.3 | 142 | 0.0f | | 12 | 8 | 120 | 0.49 | 1.28 | sx | BUD | 17003804 | BUD | | | 222 |

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 4 BUD 17003804

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.49 | 179.0 | Lg | 11:14:38.501 | -0.6 | | | | | T__ | | | | | | 6960691 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| JOS | 0.54 | 238.2 | Pg | 11:14:31.982 | 0.2 | | | | | T__ | | 51.8 | | | ML | 1.5 | 6960689 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.54 | 238.2 | Lg | 11:14:39.554 | -0.4 | | | | | T__ | | | | | | 6960688 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.58 | 239.0 | Pg | 11:14:33.071 | 0.5 | | | | | T__ | | 139.7 | | | ML | 2.0 | 6960692 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.58 | 239.0 | Lg | 11:14:40.274 | -0.9 | | | | | T__ | | | | | | 6960687 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.71 | 77.2 | Lg | 11:14:45.162 | -0.9 | | | | | T__ | | | | | | 6960693 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| HU02A | 0.81 | 215.6 | Pg | 11:14:38.537 | 0.8 | | | | | T__ | | 52.1 | | | ML | 1.7 | 6960685 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.81 | 215.6 | Lg | 11:14:49.064 | -1.1 | | | | | T__ | | | | | | 6960686 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.88 | 316.6 | Lg | 11:14:49.723 | -0.5 | | | | | T__ | | | | | | 6960694 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |
| PSZ | 1.24 | 226.3 | Sn | 11:15:02.072 | -1.6 | | | | | T__ | | | | | | 6960695 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| ET1H | 1.28 | 225.6 | Pn | 11:14:46.350 | 1.2 | | | | | T__ | | 34.9 | | | ML | 1.8 | 6960690 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.28 | 225.6 | Sn | 11:15:03.340 | -0.8 | | | | | T__ | | | | | | 6960696 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/02 | 11:56:18.53 | 3.48 | 0.49 | 48.5035 | 20.7845 | 20.3 | 9.6 | 66 | 0.0f | | 8 | 5 | 297 | 0.16 | 0.87 | sx | BUD | 17003806 | BUD | | | 317 |

Magnitude Err Nsta Author OrigID
ML 1.5 0.3 3 BUD 17003806

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.16 | 267.4 | Pg | 11:56:22.081 | 0.1 | | | | | T__ | | 190.8 | | | ML | 1.0 | 6960722 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.16 | 267.4 | Lg | 11:56:25.122 | 0.3 | | | | | T__ | | | | | | 6960723 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 264.3 | Pg | 11:56:22.644 | -0.1 | | | | | T__ | | 441.7 | | | ML | 1.5 | 6960724 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.20 | 264.3 | Lg | 11:56:26.061 | -0.0 | | | | | T__ | | | | | | 6960726 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.42 | 204.5 | Lg | 11:56:34.967 | 0.6 | | | | | T__ | | | | | | 6960727 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| PSZ | 0.84 | 225.8 | Lg | 11:56:48.257 | -0.5 | | | | | T__ | | | | | | 6960728 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| ET1H | 0.87 | 224.7 | Pn | 11:56:36.265 | -0.7 | | | | | T__ | | 50.5 | | | ML | 1.7 | 6960729 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.87 | 224.7 | Lg | 11:56:49.577 | -0.1 | | | | | T__ | | | | | | 6960725 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|----------|-------|-----|-----|-----|
| 2021/12/02 | 21:58:51.12 | 2.57 | 0.75 | 45.8428 | 21.5242 | 20.2 | 4.6 | 90 | 0.2 | | 4.0 | 9 | 5 | 208 | 0.24 | 1.62 | ke | BUD | 17003808 | BUD | | | 255 |

Magnitude Err Nsta Author OrigID
 ML 1.6 0.2 4 BUD 17003808

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| BZS | 0.24 | 164.0 | Pg | 21:58:55.951 | 0.0 | | | | | T__ | | 155.9 | | --- | ML | 1.1 6960755 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.24 | 164.0 | Lg | 21:58:59.404 | -0.1 | | | | | T__ | | | | --- | | 6960756 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.44 | 12.5 | Pg | 21:59:00.145 | -0.1 | | | | | T__ | | 106.0 | | --- | ML | 1.5 6960762 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.44 | 12.5 | Lg | 21:59:07.460 | 0.2 | | | | | T__ | | | | --- | | 6960757 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.99 | 116.6 | Pn | 21:59:11.219 | -0.4 | | | | | T__ | | 39.0 | | --- | ML | 1.6 6960759 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.99 | 116.6 | Lg | 21:59:23.803 | 0.0 | | | | | T__ | | | | --- | | 6960758 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 1.26 | 40.5 | Pn | 21:59:15.900 | 0.8 | | | | | T__ | | 40.5 | | --- | ML | 1.8 6960760 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 1.26 | 40.5 | Sn | 21:59:32.319 | -1.4 | | | | | T__ | | | | --- | | 6960761 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 1.62 | 103.3 | Sn | 21:59:42.824 | -0.2 | | | | | T__ | | | | --- | | 6960763 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/12/03 07:51:57.08 2.98 0.96 46.7805 22.7567 28.5 7.6 50 0.0f 7 5 222 0.03 1.51 sx BUD 17003810 BUD 275

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| DRGR | 0.03 | 289.6 | Pg | 07:51:58.173 | -0.0 | | | | | T__ | | 258.3 | | --- | ML | 0.8 6960824 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.03 | 289.6 | Lg | 07:51:59.435 | 0.1 | | | | | T__ | | | | --- | | 6960826 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.91 | 236.3 | Lg | 07:52:28.541 | -0.3 | | | | | T__ | | | | --- | | 6960827 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| GZR | 1.39 | 179.4 | Pg | 07:52:23.521 | 0.1 | | | | | T__ | | 41.6 | | --- | ML | 1.9 6960825 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.39 | 179.4 | Sn | 07:52:42.482 | -0.6 | | | | | T__ | | | | --- | | 6960828 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.41 | 214.6 | Sn | 07:52:43.162 | 0.2 | | | | | T__ | | | | --- | | 6960829 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| LOT | 1.51 | 151.8 | Sn | 07:52:44.677 | -1.8 | | | | | T__ | | | | --- | | 6960830 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/12/03 08:59:42.71 1.25 1.00 48.3937 17.3927 9.8 3.6 131 0.0f 9 5 205 0.08 1.13 sx BUD 17003812 BUD 271

Magnitude Err Nsta Author OrigID
 ML 1.8 0.2 3 BUD 17003812

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| MODS | 0.08 | 255.4 | Pg | 08:59:44.097 | -0.9 | | | | | T__ | | | | --- | | 6960878 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.08 | 255.4 | Lg | 08:59:46.036 | -1.0 | | | | | T__ | | | | --- | | 6960879 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ |
| JAVC | 0.50 | 21.5 | Pg | 08:59:52.799 | -0.4 | | | | | T__ | | 94.5 | | --- | ML | 1.7 6960880 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| JAVC | 0.50 | 21.5 | Lg | 09:00:01.090 | -0.3 | T__ | | | | | | | | 6960884 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 0.94 | 315.7 | Pg | 09:00:01.520 | 0.8 | T__ | 84.9 | | | | | | | 6960882 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 0.94 | 315.7 | Lg | 09:00:15.371 | 0.8 | T__ | | | | | | | | 6960881 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 1.01 | 227.1 | Pg | 09:00:03.150 | 0.4 | T__ | 60.7 | | | | | | | 6960883 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.01 | 227.1 | Lg | 09:00:17.332 | 1.4 | T__ | | | | | | | | 6960885 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 1.13 | 246.1 | Lg | 09:00:20.314 | 0.9 | T__ | | | | | | | | 6960886 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/03 | 09:10:06.04 | 2.18 | 0.82 | 48.3356 | 21.4634 | 15.2 | 8.7 | 134 | 0.0f | | 8 | 6 | 209 | 0.15 | 1.33 | sx | BUD | 17003814 | BUD | | | 286 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.15 | 255.3 | Pg | 09:10:09.982 | 0.4 | | | | | T__ | | 263.1 | | | ML | 1.1 | 6960910 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.15 | 255.3 | Lg | 09:10:12.306 | -0.5 | | | | | T__ | | | | | | 6960914 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.64 | 284.9 | Pg | 09:10:18.893 | 0.1 | | | | | T__ | 39.6 | | | | ML | 1.5 | 6960911 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.64 | 284.9 | Lg | 09:10:28.527 | 0.1 | | | | | T__ | | | | | | 6960915 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.66 | 251.6 | Lg | 09:10:28.929 | -1.4 | | | | | T__ | | | | | | 6960916 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.67 | 283.1 | Lg | 09:10:29.488 | -0.0 | | | | | T__ | | | | | | 6960912 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| KOLS | 0.80 | 41.6 | Lg | 09:10:33.540 | -1.0 | | | | | T__ | | | | | | 6960917 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 1.33 | 325.1 | Lg | 09:10:50.442 | -0.2 | | | | | T__ | | | | | | 6960913 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/12/03 | 09:36:48.19 | 1.09 | 0.75 | 47.8028 | 19.1112 | 9.2 | 3.4 | 10 | 0.0f | | 14 | 8 | 121 | 0.08 | 1.85 | kx | BUD | 17003816 | BUD | | | 223 |
| 2021/12/03 | 09:36:48.44 | 0.88 | 0.80 | 47.8355 | 19.1270f | | | | 0.0f | | 14 | 8 | 117 | 0.07 | 1.88 | kx | BUD_GT | 17003817 | BUD_GT | | | 192 |

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.7 | 0.1 | 6 BUD_GT | 17003817 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.07 | 277.6 | Pg | 09:36:50.789 | 0.4 | | | | | T__ | | 2143.3 | | | ML | 1.8 | 6960948 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.07 | 277.6 | Lg | 09:36:51.436 | -0.9 | | | | | T__ | | | | | | 6960951 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.33 | 77.7 | Pg | 09:36:56.146 | 0.6 | | | | | T__ | 171.4 | | | | ML | 1.4 | 6960953 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.33 | 77.7 | Lg | 09:37:01.994 | 1.1 | | | | | T__ | | | | | | 6960952 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|------|--|--|--|---------|---------|---------|------|-----|------|------|------|-----|-----|---|
| ET1H | 0.50 | 84.8 | Lg | 09:37:07.472 | 0.4 | T__ | | | | | | | | 6960954 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| PSZ | 0.52 | 80.6 | Pg | 09:36:59.285 | -0.6 | T__ | | | | 53.5 | | | | ML | 1.5 | 6960955 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.52 | 80.6 | Lg | 09:37:08.180 | -0.1 | T__ | | | | | | | | | 6960949 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.69 | 343.6 | Lg | 09:37:12.427 | -0.3 | T__ | | | | | | | | | 6960950 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.98 | 72.5 | Pg | 09:37:09.258 | 0.6 | T__ | | | | 39.7 | | | | ML | 1.6 | 6960957 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.98 | 72.5 | Lg | 09:37:23.355 | -0.9 | T__ | | | | | | | | | 6960956 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.15 | 54.5 | Pg | 09:37:11.166 | -0.1 | T__ | | | | 41.4 | | | | ML | 1.8 | 6960958 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.15 | 54.5 | Lg | 09:37:28.895 | -0.2 | T__ | | | | | | | | | 6960959 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 1.88 | 202.3 | Pg | 09:37:24.278 | -1.4 | T__ | | | | 76.3 | | | | ML | 2.4 | 6960961 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.88 | 202.3 | Sn | 09:37:44.593 | -1.5 | T__ | | | | | | | | | 6960960 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/03 | 09:55:18.51 | 1.79 | 1.31 | 47.3744 | 18.4117 | 13.4 | 4.0 | 140 | 0.0f | | 8 | 5 | 202 | 0.10 | 1.14 | sx | BUD | 17003818 | BUD | | | 222 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.1 | 3 BUD | 17003818 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.10 | 263.8 | Pg | 09:55:21.783 | 0.6 | | | | | T__ | | 525.1 | | | ML | 1.3 | 6961006 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.10 | 263.8 | Lg | 09:55:22.583 | -1.3 | | | | | T__ | | | | | | 6961005 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.11 | 280.2 | Pg | 09:55:22.121 | 0.9 | | | | | T__ | | 356.8 | | | ML | 1.1 | 6961010 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.11 | 280.2 | Lg | 09:55:23.064 | -0.9 | | | | | T__ | | | | | | 6961011 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.27 | 355.7 | Pg | 09:55:24.924 | 0.6 | | | | | T__ | | 206.5 | | | ML | 1.4 | 6961008 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.27 | 355.7 | Lg | 09:55:28.648 | -0.7 | | | | | T__ | | | | | | 6961007 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.62 | 40.9 | Lg | 09:55:40.877 | -1.0 | | | | | T__ | | | | | | 6961009 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.14 | 61.0 | Sn | 09:55:56.795 | -1.9 | | | | | T__ | | | | | | 6961004 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/03 | 11:08:00.99 | 1.06 | 1.22 | 48.5455 | 20.7639 | 6.0 | 3.7 | 4 | 0.0f | | 14 | 10 | 87 | 0.16 | 1.28 | sx | BUD | 17003820 | BUD | | | 159 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.1 | 4 BUD | 17003820 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.16 | 251.7 | Pg | 11:08:05.139 | 0.8 | | | | | T__ | | 340.1 | | | ML | 1.3 | 6961065 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.16 | 251.7 | Lg | 11:08:07.202 | 0.2 | | | | | T__ | | | | | | 6961070 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.20 251.5 Pg 11:08:05.619 0.5 T__ 1003.7 ___ ML 1.8 6961066 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.20 251.5 Lg 11:08:08.173 -0.2 T__ ___ 6961071 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.40 128.0 Pg 11:08:10.026 0.7 T__ 65.6 ___ ML 1.2 6961068 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.40 128.0 Lg 11:08:15.659 -0.7 T__ ___ 6961069 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.45 200.7 Pg 11:08:11.272 0.7 T__ 43.4 ___ ML 1.2 6961067 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 200.7 Lg 11:08:17.397 -0.6 T__ ___ 6961072 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.86 223.1 Lg 11:08:30.404 -1.5 T__ ___ 6961073 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.90 222.2 Lg 11:08:31.603 -1.2 T__ ___ 6961075 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.93 340.9 Lg 11:08:30.590 -1.0 T__ ___ 6961074 FDSN PL -- BUD iLoc BHN ??? _
HU03A 1.01 230.9 Lg 11:08:35.287 -1.4 T__ ___ 6961076 FDSN ZJ 00 BUD iLoc HHN ??? _
KOLS 1.07 68.2 Lg 11:08:36.216 -1.8 T__ ___ 6961077 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.28 268.4 Sn 11:08:42.688 -1.9 T__ ___ 6961078 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/06 08:45:40.09 1.60 1.06 47.3909 18.3569 11.0 5.3 121 0.0f 8 6 165 0.07 1.17 sx BUD 17003828 BUD 224

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW1 0.07 271.8 Lg 08:45:43.918 -0.2 T__ 706.9 ___ ML 1.3 6961383 FDSN HU -- BUD iLoc HHE ??? _
CSKK 0.07 247.0 Pg 08:45:42.806 0.6 T__ ___ 6961380 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 247.0 Lg 08:45:43.675 -0.6 T__ ___ 6961382 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MSW2 0.13 228.3 Pg 08:45:43.987 0.6 T__ 120.0 ___ ML 0.7 6961381 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.13 228.3 Lg 08:45:44.856 -1.6 T__ ___ 6961384 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
MSW3 0.16 267.2 Lg 08:45:46.628 -0.5 T__ ___ 6961385 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.25 4.0 Lg 08:45:49.477 -0.8 T__ ___ 6961386 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 1.17 62.5 Sn 08:46:19.911 -0.9 T__ ___ 6961387 FDSN GE -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/06 10:03:37.07 0.93 0.85 48.5179 17.4661 6.7 3.1 126 0.0f 10 7 130 0.19 1.26 sx BUD 17003832 BUD 199

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.19 221.1 Pg 10:03:41.800 0.3 T__ 133.7 ___ 6961493 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.19 221.1 Lg 10:03:44.193 -1.0 T__ ___ 6961502 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.37 21.6 Pg 10:03:45.017 0.0 T__ ___ 6961494 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.37 21.6 Lg 10:03:50.229 -0.9 T__ ___ 6961497 FDSN CZ -- BUD iLoc HHN ??? _

```



```

(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KRUC 0.89 308.0 Lg 10:04:06.591 -0.8 T__ --- 6961498 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 0.91 91.0 Lg 10:04:08.588 -0.1 T__ --- 6961499 FDSN SK -- BUD iLoc HHN ??? _
RONA 1.13 224.2 Lg 10:04:13.831 -0.4 T__ --- 6961495 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.22 241.8 Pg 10:04:01.588 0.4 T__ 64.5 --- ML 2.0 6961496 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.22 241.8 Lg 10:04:17.279 0.3 T__ --- 6961500 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MORC 1.26 2.3 Lg 10:04:19.543 1.4 T__ --- 6961501 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/06 11:41:31.17 1.66 1.14 48.7573 21.2106 28.2 7.5 155 0.0f 9 7 174 0.52 1.60 sx BUD 17003834 BUD 314

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.52 239.8 Pg 11:41:41.934 0.4 T__ 41.8 --- ML 1.4 6961524 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 239.8 Lg 11:41:49.115 -0.2 T__ --- 6961526 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.55 240.6 Pg 11:41:42.307 0.0 T__ 82.9 --- ML 1.7 6961525 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.55 240.6 Lg 11:41:50.232 -0.4 T__ --- 6961527 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOLS 0.72 75.5 Lg 11:41:56.444 -0.3 T__ --- 6961528 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.78 215.9 Lg 11:41:59.292 -0.2 T__ --- 6961529 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 1.21 226.8 Sn 11:42:12.281 -0.9 T__ --- 6961530 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.25 226.0 Sn 11:42:13.995 0.4 T__ --- 6961531 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.60 261.4 Sn 11:42:20.169 -2.5 T__ --- 6961532 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/06 17:00:31.35 1.49 0.40 47.8508 16.2916 15.6 4.1 59 11.0f 7 4 175 0.15 1.21 ke BUD 17003836 BUD 281

```

Magnitude Err Nsta Author OrigID
ML 0.8 0.7 3 BUD 17003836

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.15 178.8 Pg 17:00:35.373 0.2 T__ 47.0 --- ML 0.4 6961553 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.15 178.8 Lg 17:00:37.485 -0.4 T__ --- 6961559 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
CONA 0.30 285.1 Pg 17:00:37.886 0.1 T__ 50.5 --- ML 0.8 6961555 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.30 285.1 Lg 17:00:42.259 0.1 T__ --- 6961554 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
A008A 0.67 320.6 Pg 17:00:44.580 0.2 T__ 66.4 --- ML 1.7 6961556 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.67 320.6 Lg 17:00:53.173 -0.5 T__ --- 6961557 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

KRUC 1.21 3.2 Sn 17:01:10.475 0.4 T__ --- 6961558 FDSN CZ -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/07 | 01:20:53.79 | 1.05 | 0.43 | 45.7459 | 17.4652 | 5.5 | 4.8 | 70 | 6.7 | 9.3 | 16 | 8 | 135 | 0.30 | 1.02 | ke | BUD | 17003838 | BUD | | | 266 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.3 | 8 BUD | 17003838 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A273A | 0.30 | 55.1 | Pg | 01:21:00.252 | 0.2 | | | | | T__ | | 337.2 | | --- | ML | 1.7 | 6961669 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.30 | 55.1 | Lg | 01:21:04.315 | 0.1 | | | | | T__ | | | | --- | | 6961678 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A264A | 0.43 | 343.6 | Pg | 01:21:02.329 | -0.3 | | | | | T__ | | 216.8 | | --- | ML | 1.8 | 6961673 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.43 | 343.6 | Lg | 01:21:08.271 | -0.3 | | | | | T__ | | | | --- | | 6961674 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOVH | 0.56 | 52.1 | Pg | 01:21:05.472 | 0.3 | | | | | T__ | | 60.5 | | --- | ML | 1.6 | 6961668 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.56 | 52.1 | Lg | 01:21:12.254 | -0.7 | | | | | T__ | | | | --- | | 6961675 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A265A | 0.72 | 18.6 | Pg | 01:21:08.284 | 0.2 | | | | | T__ | | 165.2 | | --- | ML | 2.1 | 6961670 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.72 | 18.6 | Lg | 01:21:17.934 | 0.3 | | | | | T__ | | | | --- | | 6961679 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEHE | 0.87 | 326.7 | Pg | 01:21:11.012 | 0.1 | | | | | T__ | | 173.1 | | --- | ML | 2.2 | 6961671 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| BEHE | 0.87 | 326.7 | Lg | 01:21:23.193 | 0.7 | | | | | T__ | | | | --- | | 6961672 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.90 | 353.4 | Pg | 01:21:11.469 | -0.0 | | | | | T__ | | 135.0 | | --- | ML | 2.1 | 6961682 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.90 | 353.4 | Lg | 01:21:23.940 | 0.6 | | | | | T__ | | | | --- | | 6961680 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.95 | 59.9 | Pg | 01:21:11.812 | -0.5 | | | | | T__ | | 44.3 | | --- | ML | 1.7 | 6961676 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.95 | 59.9 | Lg | 01:21:24.968 | -0.0 | | | | | T__ | | | | --- | | 6961681 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLY | 1.02 | 191.4 | Pg | 01:21:13.112 | -0.1 | | | | | T__ | | 131.9 | | --- | ML | 2.2 | 6961683 | FDSN | MN | -- | BUD | iLoc | HHZ | HHZ | _ |
| BLY | 1.02 | 191.4 | Lg | 01:21:26.606 | 0.4 | | | | | T__ | | | | --- | | 6961677 | FDSN | MN | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/12/07 | 08:02:18.95 | 1.40 | 1.15 | 47.9773 | 20.3933 | 12.8 | 3.5 | 143 | 0.0f | | 10 | 6 | 194 | 0.17 | 0.65 | kx | BUD | 17003840 | BUD | | | 223 |
| 2021/12/07 | 08:02:18.98 | 0.93 | 1.00 | 47.9767 | 20.3679f | | | | 0.0f | | 10 | 6 | 192 | 0.18 | 0.67 | kx | BUD_GT | 17003841 | BUD_GT | | | 218 |

(locality : Eger-III. Hungary)

(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.4 | 0.4 | 4 BUD_GT | 17003841 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU02A | 0.18 | 35.8 | Pg | 08:02:23.178 | -0.1 | | | | | T__ | | 206.4 | | ___ | ML | 1.1 | 6961829 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.18 | 35.8 | Lg | 08:02:25.246 | -1.5 | | | | | T__ | | | | --- | | 6961834 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.32 | 259.8 | Pg | 08:02:27.353 | 1.0 | | | | | T__ | | 92.5 | | ___ | ML | 1.2 | 6961833 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.32 | 259.8 | Lg | 08:02:31.129 | -0.8 | | | | | T__ | | | | --- | | 6961835 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.35 | 253.9 | Lg | 08:02:31.909 | -0.4 | | | | | T__ | | | | --- | | 6961836 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KECS | 0.51 | 8.8 | Pg | 08:02:31.037 | 1.7 | | | | | T__ | | 79.6 | | --- | ML | 1.6 | 6961831 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.51 | 8.8 | Lg | 08:02:36.103 | -1.2 | | | | | T__ | | | | --- | | 6961830 | FDSN | SK | -- | BUD | iLoc | EHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 12.4 | Pg | 08:02:29.973 | 0.3 | | | | | T__ | | 72.6 | | --- | ML | 1.6 | 6961832 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 12.4 | Lg | 08:02:37.192 | -0.7 | | | | | T__ | | | | --- | | 6961837 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.67 | 61.0 | Lg | 08:02:43.315 | -0.3 | | | | | T__ | | | | --- | | 6961838 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|----------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|
| 2021/12/07 | 08:11:07.31 | 1.13 | 0.72 | 47.3251 | 18.2835 | 6.4 | 2.9 | 111 | 0.0f | 15 | 12 | 105 | | 0.04 | 1.25 | kx | BUD | 17003842 | BUD | | | 123 | |
| 2021/12/07 | 08:11:07.00 | 0.92 | 0.66 | 47.3167 | 18.3081f | | | | 0.0f | 15 | 12 | 106 | | 0.06 | 1.27 | kx | BUD_GT | 17003843 | BUD_GT | | | 125 | |
| (locality : Magyaralmás Hungary) | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.4 | 0.1 | 3 BUD_GT | 17003843 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 325.1 | Pg | 08:11:09.355 | 0.5 | | | | | T__ | | 1555.4 | | ___ | ML | 1.6 | 6961890 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 325.1 | Lg | 08:11:10.115 | -0.6 | | | | | T__ | | | | --- | | 6961901 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.07 | 257.7 | Pg | 08:11:09.638 | 0.6 | | | | | T__ | | 650.3 | | ___ | ML | 1.3 | 6961899 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.07 | 257.7 | Lg | 08:11:10.480 | -0.6 | | | | | T__ | | | | --- | | 6961902 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW1 | 0.08 | 336.4 | Pg | 08:11:09.952 | 0.6 | | | | | T__ | | 670.4 | | ___ | ML | 1.4 | 6961900 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.08 | 336.4 | Lg | 08:11:11.109 | -0.6 | | | | | T__ | | | | --- | | 6961903 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.14 | 298.3 | Lg | 08:11:12.407 | -1.1 | | | | | T__ | | | | --- | | 6961904 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.29 | 293.8 | Lg | 08:11:17.514 | -0.9 | | | | | T__ | | | | --- | | 6961896 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.33 | 8.9 | Lg | 08:11:19.383 | -0.6 | | | | | T__ | | | | --- | | 6961897 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.13 | 168.1 | Lg | 08:11:45.736 | 0.0 | | | | | T__ | | | | --- | | 6961891 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 1.20 | 61.4 | Sn | 08:11:47.983 | -0.1 | | | | | T__ | | | | --- | | 6961898 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.23 | 16.6 | Sn | 08:11:48.716 | -0.6 | | | | | T__ | | | | --- | | 6961894 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.23 | 60.1 | Sn | 08:11:49.356 | 0.0 | | | | | T__ | | | | --- | | 6961893 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.24 | 186.7 | Sn | 08:11:48.311 | -0.3 | | | | | T__ | | | | --- | | 6961892 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 1.27 | 327.1 | Sn | 08:11:49.129 | -1.0 | | | | | T__ | | | | --- | | 6961895 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/07 | 08:46:29.18 | 1.08 | 0.82 | 46.0584 | 22.8424 | 7.6 | 4.9 | 54 | 0.0f | 12 | 7 | 88 | 0.18 | 1.46 | sx | BUD | 17003844 | BUD | | | | 139 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.0 | 5 BUD | 17003844 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.18 | 166.4 | Pg | 08:46:32.862 | 0.3 | | | | | T__ | | 745.6 | | ___ | ML | 1.7 | 6961935 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.18 | 166.4 | Lg | 08:46:34.751 | -0.4 | | | | | T__ | | | | --- | | 6961940 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.67 | 184.0 | Pg | 08:46:42.247 | 0.3 | | | | | T__ | | 85.2 | | ___ | ML | 1.8 | 6961936 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.67 | 184.0 | Lg | 08:46:50.864 | -0.6 | | | | | T__ | | | | --- | | 6961941 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.74 | 353.0 | Lg | 08:46:54.816 | -1.2 | | | | | T__ | | | | --- | | 6961942 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| SIRR | 0.85 | 284.7 | Pg | 08:46:46.929 | 0.5 | | | | | T__ | | 56.0 | | ___ | ML | 1.7 | 6961939 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.85 | 284.7 | Lg | 08:46:58.206 | -0.6 | | | | | T__ | | | | --- | | 6961938 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.89 | 132.9 | Pg | 08:46:46.999 | 0.7 | | | | | T__ | | 50.1 | | ___ | ML | 1.7 | 6961937 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.89 | 132.9 | Lg | 08:46:57.903 | -1.4 | | | | | T__ | | | | --- | | 6961943 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.96 | 243.2 | Lg | 08:47:01.243 | -0.3 | | | | | T__ | | | | --- | | 6961944 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| ARCR | 1.46 | 44.9 | Pg | 08:46:58.002 | 0.4 | | | | | T__ | | 178.1 | | ___ | ML | 2.6 | 6961946 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARCR | 1.46 | 44.9 | Sn | 08:47:16.274 | -0.8 | | | | | T__ | | | | --- | | 6961945 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/07 | 09:39:24.52 | 1.05 | 1.52 | 46.2128 | 18.2654 | 8.5 | 3.9 | 149 | 0.0f | 5 | 3 | 137 | 0.17 | 0.31 | sx | BUD | 17003846 | BUD | | | | 270 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.17 | 222.8 | Pg | 09:39:29.101 | 0.5 | | | | | T__ | | 305.1 | | ___ | ML | 1.3 | 6961970 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.17 | 222.8 | Lg | 09:39:30.817 | -0.9 | | | | | T__ | | | | --- | | 6961973 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.26 | 89.4 | Pg | 09:39:31.082 | 0.8 | | | | | T__ | | 135.2 | | ___ | ML | 1.2 | 6961971 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.26 | 89.4 | Lg | 09:39:33.422 | -1.5 | | | | | T__ | | | | --- | | 6961974 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.31 | 359.9 | Lg | 09:39:35.978 | -0.7 | | | | | T__ | | | | --- | | 6961972 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/07 | 10:03:42.55 | 2.18 | 0.84 | 47.9301 | 16.0804 | 24.1 | 4.0 | 28 | 0.0f | 6 | 4 | 220 | 0.15 | 0.70 | sx | BUD | 17003848 | BUD | | | | 328 |

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|--------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| CONA | 0.15 | 269.4 | Pg | 10:03:45.539 | -0.2 | | | | | T__ | | 167.9 | | ___ | ML | 0.9 | 6961993 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.15 | 269.4 | Lg | 10:03:47.414 | -0.6 | | | | | T__ | | | | --- | | 6961996 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.27 | 147.7 | Pg | 10:03:48.520 | 0.3 | | | | | T__ | | 81.2 | | ___ | ML | 1.0 | 6961995 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.27 | 147.7 | Lg | 10:03:51.459 | -0.7 | | | | | T__ | | | | --- | | 6961997 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A013A | 0.47 | 286.7 | Lg | 10:03:58.327 | 0.5 | | | | | T__ | | | | --- | | 6961994 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A018A | 0.70 | 254.9 | Lg | 10:04:05.926 | 1.0 | | | | | T__ | | | | --- | | 6961998 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/07 | 10:21:19.68 | 1.09 | 1.19 | 48.5923 | 20.9253 | 6.9 | 4.1 | 12 | 0.0f | | 17 | 10 | 94 | 0.27 | 1.39 | sx | BUD | 17003850 | BUD | | | 170 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 7 BUD | 17003850 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.27 | 249.5 | Pg | 10:21:25.691 | 0.4 | | | | | T__ | | 267.6 | | ___ | ML | 1.5 | 6962033 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.27 | 249.5 | Lg | 10:21:30.185 | 0.5 | | | | | T__ | | | | --- | | 6962037 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.31 | 249.7 | Pg | 10:21:26.353 | 0.3 | | | | | T__ | | 649.5 | | ___ | ML | 2.0 | 6962034 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.31 | 249.7 | Lg | 10:21:31.347 | 0.4 | | | | | T__ | | | | --- | | 6962038 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.36 | 144.6 | Pg | 10:21:28.109 | 0.9 | | | | | T__ | | 118.6 | | ___ | ML | 1.4 | 6962036 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.36 | 144.6 | Lg | 10:21:32.351 | -1.2 | | | | | T__ | | | | --- | | 6962035 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.54 | 209.7 | Lg | 10:21:38.963 | -0.7 | | | | | T__ | | | | --- | | 6962039 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.92 | 333.7 | Lg | 10:21:49.631 | -0.6 | | | | | T__ | | | | --- | | 6962040 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| KOLS | 0.95 | 68.6 | Lg | 10:21:50.381 | -2.7 | | | | | T__ | | | | --- | | 6962041 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.96 | 226.0 | Pn | 10:21:39.524 | -0.0 | | | | | T__ | | 77.6 | | ___ | ML | 1.9 | 6962042 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 226.0 | Lg | 10:21:52.875 | -1.4 | | | | | T__ | | | | --- | | 6962043 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.00 | 225.0 | Pn | 10:21:40.356 | 0.5 | | | | | T__ | | 57.7 | | ___ | ML | 1.8 | 6962044 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.00 | 225.0 | Lg | 10:21:53.122 | -2.1 | | | | | T__ | | | | --- | | 6962045 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 1.12 | 232.6 | Pn | 10:21:41.628 | 0.1 | | | | | T__ | | 91.2 | | ___ | ML | 2.1 | 6962047 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 1.12 | 232.6 | Sn | 10:21:57.798 | -0.9 | | | | | T__ | | | | --- | | 6962046 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.39 | 266.7 | Pn | 10:21:46.240 | 0.7 | | | | | T__ | | 23.8 | | ___ | ML | 1.7 | 6962049 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.39 | 266.7 | Sn | 10:22:05.176 | -0.8 | | | | | T__ | | | | --- | | 6962048 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 1.7 magdef=1)

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/07 | 10:28:38.02 | 1.00 | 1.23 | 48.5122 | 20.7696 | 5.6 | 3.5 | 11 | 0.0f | | 17 | 12 | 85 | 0.15 | 1.29 | sx | BUD | 17003852 | BUD | | | 156 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.2 | 5 BUD | 17003852 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.15 | 264.0 | Pg | 10:28:41.785 | 0.5 | | | | | T__ | | 336.9 | | ___ | ML | 1.3 | 6962092 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.15 | 264.0 | Lg | 10:28:44.179 | 0.2 | | | | | T__ | | | | --- | | 6962098 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.19 | 261.4 | Pg | 10:28:42.285 | 0.2 | | | | | T__ | | 699.5 | | ___ | ML | 1.7 | 6962093 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.19 | 261.4 | Lg | 10:28:45.477 | 0.2 | | | | | T__ | | | | --- | | 6962099 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.38 | 124.4 | Pg | 10:28:46.583 | 0.7 | | | | | T__ | | 53.1 | | ___ | ML | 1.1 | 6962101 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.38 | 124.4 | Lg | 10:28:51.264 | -1.3 | | | | | T__ | | | | --- | | 6962100 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.42 | 202.8 | Pg | 10:28:48.280 | 1.2 | | | | | T__ | | 45.7 | | ___ | ML | 1.1 | 6962095 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.42 | 202.8 | Lg | 10:28:53.546 | -0.5 | | | | | T__ | | | | --- | | 6962094 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.83 | 224.9 | Lg | 10:29:06.500 | -1.7 | | | | | T__ | | | | --- | | 6962102 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.87 | 223.8 | Lg | 10:29:07.839 | -1.3 | | | | | T__ | | | | --- | | 6962103 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU23A | 0.94 | 202.0 | Lg | 10:29:10.138 | -1.3 | | | | | T__ | | | | --- | | 6962104 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.96 | 341.3 | Lg | 10:29:09.292 | -0.5 | | | | | T__ | | | | --- | | 6962097 | FDSN | PL | -- | BUD | iLoc | BHE | ??? | _ | |
| HU03A | 0.99 | 232.6 | Pn | 10:28:58.686 | 0.7 | | | | | T__ | | 131.2 | | ___ | ML | 2.2 | 6962096 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.99 | 232.6 | Lg | 10:29:11.825 | -1.3 | | | | | T__ | | | | --- | | 6962105 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 1.08 | 66.5 | Lg | 10:29:13.828 | -1.5 | | | | | T__ | | | | --- | | 6962106 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| TRPA | 1.24 | 107.3 | Sn | 10:29:18.827 | -1.5 | | | | | T__ | | | | --- | | 6962107 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.29 | 269.9 | Sn | 10:29:19.750 | -1.9 | | | | | T__ | | | | --- | | 6962108 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/12/07 | 11:16:37.41 | 1.24 | 0.88 | 47.5566 | 18.4536 | 9.8 | 3.3 | 103 | 0.0f | | 8 | 5 | 198 | 0.10 | 0.97 | kx | BUD | 17003854 | BUD | | | 235 |
| 2021/12/07 | 11:16:37.42 | 0.93 | 0.73 | 47.5600 | 18.4573f | | | | 0.0f | | 8 | 5 | 199 | 0.09 | 0.97 | kx | BUD_GT | 17003855 | BUD_GT | | | 235 |

(locality : Tatabánya Hungary)

(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.4 | 0.4 | 3 BUD_GT | 17003855 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 11:16:40.591 | 0.7 | | | | | T__ | | 1444.8 | | ___ | ML | 1.7 | 6962151 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 11:16:41.761 | -0.4 | | | | | T__ | | | | --- | | 6962152 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.7 magdef=1
CSKK 0.24 214.2 Pg 11:16:43.138 0.4 T__ 153.2 --- ML 1.1 6962154 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.24 214.2 Lg 11:16:46.382 -1.0 T__ --- 6962153 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
SRD 0.27 339.1 Lg 11:16:47.484 -0.9 T__ --- 6962155 FDSN SK -- BUD iLoc EHN ??? _
HU08A 0.38 250.6 Lg 11:16:51.354 -0.8 T__ --- 6962156 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.97 15.1 Pn 11:16:57.470 0.1 T__ 25.7 --- ML 1.4 6962158 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.97 15.1 Lg 11:17:10.555 -0.7 T__ --- 6962157 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/07 11:23:17.67 1.02 1.09 48.7018 19.2009 6.8 3.7 172 0.0f 12 8 125 0.32 1.06 sx BUD 17003856 BUD 183

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 4 BUD 17003856

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.32 229.5 Pg 11:23:24.922 0.6 T__ 22.0 --- ML 0.5 6962206 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.32 229.5 Lg 11:23:29.350 0.1 T__ --- 6962207 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
KECS 0.88 103.9 Lg 11:23:47.886 -0.4 T__ --- 6962208 FDSN SK -- BUD iLoc EHN ??? _
PSZ 0.91 149.2 Pn 11:23:36.873 -0.1 T__ 69.3 --- ML 1.8 6962213 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.91 149.2 Lg 11:23:50.792 0.4 T__ --- 6962215 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 0.91 102.6 Pg 11:23:35.958 0.2 T__ 57.8 --- ML 1.8 6962212 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.91 102.6 Lg 11:23:48.167 -1.1 T__ --- 6962209 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 0.94 151.2 Lg 11:23:49.650 -1.3 T__ --- 6962210 FDSN HU -- BUD iLoc HHN ??? _
NIE 1.02 44.8 Lg 11:23:52.301 1.0 T__ --- 6962217 FDSN PL -- BUD iLoc BHN ??? _
JAVC 1.02 279.4 Lg 11:23:51.798 -2.2 T__ --- 6962216 FDSN CZ -- BUD iLoc HHN ??? _
HU02A 1.06 122.8 Pn 11:23:39.480 0.6 T__ 55.7 --- ML 1.8 6962214 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.06 122.8 Lg 11:23:53.669 -0.9 T__ --- 6962211 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/07 12:32:25.19 3.16 0.55 46.7886 22.7995 30.6 14.2 26 0.0f 8 5 240 0.06 1.50 sx BUD 17003860 BUD 276

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.2 3 BUD 17003860

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.06 272.9 Pg 12:32:26.839 0.0 T__ 235.3 --- ML 0.8 6962321 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.06 272.9 Lg 12:32:28.362 -0.0 T__ --- 6962324 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1

```

```

(Station ML: 0.8 magdef=1
SIRR 0.94 236.9 Lg 12:32:57.702 -0.1 T__
GZR 1.40 180.7 Pn 12:32:52.190 0.8 T__ 51.0 --- ML 2.0 6962322 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.40 180.7 Sn 12:33:11.339 -0.0 T__ --- 6962326 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BZS 1.43 215.5 Sn 12:33:11.989 0.3 T__
LOT 1.50 152.9 Pn 12:32:52.609 -0.5 T__ 61.1 --- ML 2.1 6962328 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.50 152.9 Sn 12:33:13.752 -0.7 T__ --- 6962323 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/08 08:02:36.88 0.96 0.81 48.5085 17.5220 5.8 3.3 128 0.0f 12 8 135 0.21 1.48 sx BUD 17003862 BUD 210

```

```

Magnitude Err Nsta Author OrigID
ML 2.1 0.2 3 BUD 17003862

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MODS 0.21 230.4 Pg 08:02:41.708 0.0 T__ --- 6962378 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.21 230.4 Lg 08:02:44.024 -1.6 T__ --- 6962380 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.36 15.6 Pg 08:02:44.863 0.1 T__ 119.5 --- ML 1.4 6962382 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.36 15.6 Lg 08:02:50.100 -0.8 T__ --- 6962381 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VVHS 0.87 90.5 Lg 08:03:07.231 -0.0 T__ --- 6962383 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.93 307.0 Pg 08:02:55.514 0.8 T__ 114.8 --- ML 2.1 6962385 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.93 307.0 Lg 08:03:07.539 -0.8 T__ --- 6962384 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
VRAC 1.01 322.9 Lg 08:03:10.361 -0.4 T__ --- 6962386 FDSN CZ -- BUD iLoc HHN ??? _
RONA 1.15 225.9 Lg 08:03:15.309 0.6 T__ --- 6962387 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.25 243.0 Pn 08:03:01.264 -0.1 T__ 108.5 --- ML 2.2 6962389 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.25 243.0 Lg 08:03:18.124 0.4 T__ --- 6962388 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A013A 1.48 253.3 Lg 08:03:25.248 0.7 T__ --- 6962379 FDSN Z3 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/08 09:55:56.29 1.00 0.94 46.8856 17.2843 5.6 5.4 119 0.0f 9 6 130 0.11 1.15 sx BUD 17003866 BUD 216

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.3 3 BUD 17003866

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
A261A 0.11 305.6 Pg 09:55:59.715 0.5 T__ 7842.2 --- ML 2.5 6962484 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.11 305.6 Lg 09:56:01.019 -0.7 T__ --- 6962483 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A263A 0.25 175.1 Lg 09:56:05.273 -0.6 T__ --- 6962482 FDSN Z3 00 BUD iLoc HHE ??? _

```



```

MPLH 0.33 31.4 Pg 09:56:04.276 0.7 T__ 369.4 --- ML 1.8 6962481 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.33 31.4 Lg 09:56:08.424 -0.8 T__ --- 6962485 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU08A 0.70 38.4 Lg 09:56:20.968 -1.0 T__ --- 6962486 FDSN ZJ 00 BUD iLoc HHN ??? _
KOVH 0.98 144.5 Pn 09:56:16.288 0.2 T__ 92.2 --- ML 2.0 6962488 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.98 144.5 Lg 09:56:29.485 -0.3 T__ --- 6962487 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MORH 1.15 125.1 Sn 09:56:34.012 -1.4 T__ --- 6962489 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/08 10:19:41.10 0.96 0.97 46.1170 18.0553 5.7 3.7 131 0.0f 10 5 121 0.04 1.11 sx BUD 17003868 BUD 208

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 17003868

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.04 132.7 Pg 10:19:43.079 0.4 T__ 712.9 --- ML 1.3 6962536 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.04 132.7 Lg 10:19:43.977 -0.3 T__ --- 6962537 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A273A 0.26 219.8 Pg 10:19:47.316 0.5 T__ 526.9 --- ML 1.7 6962538 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.26 219.8 Lg 10:19:49.904 -1.0 T__ --- 6962541 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORH 0.42 76.3 Pg 10:19:50.377 0.4 T__ 43.2 --- ML 1.1 6962539 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.42 76.3 Lg 10:19:56.064 -0.7 T__ --- 6962543 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
A266A 0.43 19.5 Pg 10:19:50.917 0.6 T__ 247.4 --- ML 1.9 6962540 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.43 19.5 Lg 10:19:56.093 -1.2 T__ --- 6962542 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MPLH 1.11 341.5 Pn 10:20:02.891 0.1 T__ 89.0 --- ML 2.1 6962545 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 1.11 341.5 Sn 10:20:17.767 -1.6 T__ --- 6962544 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/08 10:21:19.43 1.12 0.99 48.5680 20.7665 6.0 5.3 174 0.0f 18 10 88 0.17 1.29 sx BUD 17003870 BUD 161

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 7 BUD 17003870

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.17 244.5 Pg 10:21:23.527 0.5 T__ 403.4 --- ML 1.4 6962587 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 244.5 Lg 10:21:25.929 0.1 T__ --- 6962591 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| KECS | 0.21 | 245.7 | Pg | 10:21:24.083 | 0.3 | T__ | 752.8 | ___ | ML | 1.7 | 6962588 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.21 | 245.7 | Lg | 10:21:27.043 | -0.1 | T__ | | --- | | | 6962592 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.42 | 130.6 | Lg | 10:21:35.062 | -0.1 | T__ | | --- | | | 6962593 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU02A | 0.47 | 199.9 | Pg | 10:21:29.655 | 0.2 | T__ | 45.1 | --- | ML | 1.3 | 6962595 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.47 | 199.9 | Lg | 10:21:36.907 | -0.3 | T__ | | --- | | | 6962594 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.87 | 222.2 | Pg | 10:21:38.480 | 0.6 | T__ | 80.5 | --- | ML | 1.9 | 6962589 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.87 | 222.2 | Lg | 10:21:49.575 | -1.4 | T__ | | --- | | | 6962597 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 0.90 | 340.3 | Lg | 10:21:48.336 | -1.0 | T__ | | --- | | | 6962596 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| ET1H | 0.91 | 221.3 | Pn | 10:21:38.918 | 0.5 | T__ | 69.6 | --- | ML | 1.9 | 6962590 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.91 | 221.3 | Lg | 10:21:50.912 | -1.0 | T__ | | --- | | | 6962598 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU03A | 1.02 | 230.0 | Pn | 10:21:39.991 | 0.1 | T__ | 131.1 | --- | ML | 2.2 | 6962600 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 1.02 | 230.0 | Lg | 10:21:54.309 | -1.3 | T__ | | --- | | | 6962599 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | |
| KOLS | 1.06 | 69.3 | Pn | 10:21:42.200 | 1.5 | T__ | | --- | | | 6962601 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| KOLS | 1.06 | 69.3 | Lg | 10:21:55.217 | -0.9 | T__ | | --- | | | 6962602 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.29 | 267.4 | Pn | 10:21:44.125 | 0.4 | T__ | 31.2 | --- | ML | 1.7 | 6962604 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.29 | 267.4 | Sn | 10:22:00.922 | -2.2 | T__ | | --- | | | 6962603 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/12/08 | 10:34:26.31 | 0.86 | 0.94 | 47.1293 | 17.8868 | 4.4 | 3.8 | 87 | 0.0f | | 24 | 18 | 89 | 0.23 | 1.74 | sx | BUD | 17003872 | BUD | | | 111 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.9 | 0.1 | 6 BUD | 17003872 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| TIH | 0.23 | 178.9 | Pg | 10:34:31.761 | 0.3 | | | | | T__ | | 1896.3 | | --- | ML | 2.2 | 6962659 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 0.23 | 178.9 | Lg | 10:34:34.799 | -0.7 | | | | | T__ | | | | --- | | 6962658 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.24 | 279.9 | Pg | 10:34:31.683 | -0.1 | | | | | T__ | | 304.4 | | --- | ML | 1.5 | 6962661 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.24 | 279.9 | Lg | 10:34:34.968 | -1.1 | | | | | T__ | | | | --- | | 6962660 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.30 | 4.8 | Lg | 10:34:38.148 | -0.3 | | | | | T__ | | | | --- | | 6962662 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| CSKK | 0.35 | 47.3 | Lg | 10:34:39.891 | -0.2 | | | | | T__ | | | | --- | | 6962663 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.61 | 33.3 | Lg | 10:34:48.555 | -0.7 | | | | | T__ | | | | --- | | 6962665 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| A262A | 0.97 | 254.6 | Lg | 10:34:58.530 | 0.2 | | | | | T__ | | | | --- | | 6962666 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| BEHE | 1.01 | 229.6 | Lg | 10:34:59.851 | -0.1 | | | | | T__ | | | | --- | | 6962667 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU10A | 1.05 | 46.6 | Sn | 10:35:03.506 | -0.2 | | | | | T__ | | | | --- | | 6962671 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.05 | 171.9 | Pn | 10:34:47.777 | 0.7 | | | | | T__ | | 68.6 | | --- | ML | 1.9 | 6962669 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 1.05 | 171.9 | Lg | 10:35:01.537 | -1.2 | | | | | T__ | | | | --- | | 6962668 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 1.05 150.1 Pn 10:34:47.771 0.8 T__ 56.3 ___ ML 1.8 6962656 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.05 150.1 Lg 10:35:01.717 -0.9 T__ ___ 6962670 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 1.31 341.9 Sn 10:35:08.622 -1.8 T__ ___ 6962673 FDSN SK -- BUD iLoc HHN ??? _
KOGS 1.31 239.4 Lg 10:35:08.973 0.2 T__ ___ 6962657 FDSN SL -- BUD iLoc BHN ??? _
AO11B 1.34 282.7 Lg 10:35:10.098 0.8 T__ ___ 6962672 FDSN Z3 00 BUD iLoc HH2 ??? _
VYHS 1.51 24.8 Pn 10:34:55.557 1.8 T__ 29.2 ___ ML 1.8 6962675 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.51 24.8 Sn 10:35:15.949 0.6 T__ ___ 6962674 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 1.54 60.1 Sn 10:35:16.420 0.8 T__ ___ 6962676 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.57 59.1 Sn 10:35:17.306 0.4 T__ ___ 6962679 FDSN GE -- BUD iLoc HHN ??? _
ARSA 1.62 275.2 Pn 10:34:55.796 0.4 T__ 96.5 ___ ML 2.4 6962678 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.62 275.2 Sn 10:35:17.986 1.4 T__ ___ 6962677 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
JAVC 1.74 355.3 Sn 10:35:23.098 1.5 T__ ___ 6962680 FDSN CZ -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/08 | 11:47:39.28 | 4.33 | 0.97 | 46.9050 | 22.7432 | 28.9 | 23.3 | 65 | 0.0f | 6 | 4 | 283 | 0.12 | 1.62 | sx | BUD | 17003876 | BUD | | | | 321 |

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.12 191.0 Pg 11:47:42.014 0.0 T__ 577.2 ___ ML 1.4 6962746 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.12 191.0 Lg 11:47:44.307 -0.0 T__ ___ 6962747 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
SIRR 0.98 229.9 Lg 11:48:13.048 -0.2 T__ ___ 6962750 FDSN RO -- BUD iLoc HHN ??? _
BZS 1.51 211.6 Pg 11:48:08.714 -0.0 T__ 56.3 ___ ML 2.1 6962751 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.51 211.6 Sn 11:48:28.060 0.4 T__ ___ 6962748 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
LOT 1.62 153.6 Sn 11:48:29.927 -1.6 T__ ___ 6962749 FDSN RO -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/09 | 08:51:53.45 | 0.82 | 1.35 | 47.3655 | 18.4073 | 3.9 | 3.3 | 4 | 0.0f | 32 | 25 | 49 | 0.10 | 1.97 | sx | BUD | 17003880 | BUD | | | | 63 |

Magnitude Err Nsta Author OrigID
ML 2.2 0.1 7 BUD 17003880

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.10 268.7 Pg 08:51:56.638 0.5 T__ 4214.8 ___ ML 2.2 6963115 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.10 268.7 Lg 08:51:57.258 -1.4 T__ ___ 6963119 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU09A 0.27 356.5 Lg 08:52:03.913 -0.7 T__ ___ 6963120 FDSN ZJ 00 BUD iLoc HHN ??? _

```

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|-------|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| HU08A | 0.34 | 281.5 | Lg | 08:52:05.051 | -1.5 | T__ | | | | | | | | 6963121 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| A271A | 0.36 | 125.8 | Lg | 08:52:07.070 | -0.5 | T__ | | | | | | | | 6963122 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| A267A | 0.42 | 173.0 | Lg | 08:52:08.464 | -1.0 | T__ | | | | | | | | 6963123 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| MPLH | 0.62 | 252.0 | Lg | 08:52:14.319 | -1.4 | T__ | | | | | | | | 6963124 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU10A | 0.63 | 40.5 | Lg | 08:52:15.934 | -1.1 | T__ | | | | | | | | 6963125 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| A272A | 0.73 | 148.2 | Lg | 08:52:19.188 | -0.9 | T__ | | | | | | | | 6963127 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| EGYH | 0.73 | 274.4 | Lg | 08:52:18.160 | -1.2 | T__ | | | | | | | | 6963126 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU01A | 0.82 | 91.0 | Pn | 08:52:11.543 | 0.4 | T__ | | | 409.4 | | | | | 6963131 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU01A | 0.82 | 91.0 | Lg | 08:52:22.824 | -0.9 | T__ | | | | | | | | 6963130 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.85 | 186.7 | Lg | 08:52:22.133 | -0.7 | T__ | | | | | | | | 6963129 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| HU03A | 0.97 | 55.8 | Pn | 08:52:14.003 | 0.9 | T__ | | | 125.3 | | | | | 6963133 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.97 | 55.8 | Lg | 08:52:27.329 | -0.8 | T__ | | | | | | | | 6963132 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.12 | 62.0 | Pn | 08:52:16.757 | 1.5 | T__ | | | 79.8 | | | | | 6963135 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.12 | 62.0 | Sn | 08:52:32.005 | -0.5 | T__ | | | | | | | | 6963134 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.15 | 60.6 | Pn | 08:52:16.951 | 1.1 | T__ | | | 95.9 | | | | | 6963137 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.15 | 60.6 | Sn | 08:52:33.005 | -0.8 | T__ | | | | | | | | 6963138 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.16 | 171.9 | Pn | 08:52:16.921 | 1.3 | T__ | | | 116.7 | | | | | 6963136 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.16 | 171.9 | Sn | 08:52:31.921 | -1.3 | T__ | | | | | | | | 6963116 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.17 | 14.2 | Lg | 08:52:32.834 | -1.2 | T__ | | | | | | | | 6963139 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.26 | 323.4 | Sn | 08:52:34.980 | -1.6 | T__ | | | | | | | | 6963117 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| KOVH | 1.30 | 189.5 | Sn | 08:52:36.178 | -0.4 | T__ | | | | | | | | 6963118 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| RONA | 1.47 | 283.9 | Sn | 08:52:40.618 | -0.4 | T__ | | | | | | | | 6963140 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 1.57 | 342.0 | Sn | 08:52:44.420 | -0.5 | T__ | | | | | | | | 6963141 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| HU02A | 1.62 | 61.3 | Pn | 08:52:24.564 | 2.3 | T__ | | | 57.1 | | | | | 6963146 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.62 | 61.3 | Sn | 08:52:46.383 | 1.5 | T__ | | | | | | | | 6963145 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| KDGS | 1.74 | 239.0 | Sn | 08:52:49.032 | 2.0 | T__ | | | | | | | | 6963147 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| CONA | 1.81 | 289.0 | Lg | 08:52:53.699 | 1.6 | T__ | | | | | | | | 6963142 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| JDS | 1.83 | 50.9 | Sn | 08:52:52.364 | 2.7 | T__ | | | | | | | | 6963143 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| ARSA | 1.97 | 267.7 | Sn | 08:52:54.591 | 2.0 | T__ | | | | | | | | 6963144 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/12/09 | 09:50:04.67 | 1.00 | 1.43 | 48.2421 | 21.2482 | 5.1 | 4.4 | 148 | 0.0f | | 19 | 11 | 103 | 0.05 | 1.76 | kx | BUD | 17003882 | BUD | | | 152 |
| 2021/12/09 | 09:50:04.62 | 0.88 | 1.24 | 48.2470 | 21.2460f | | | | 0.0f | | 19 | 11 | 103 | 0.05 | 1.76 | kx | BUD_GT | 17003883 | BUD_GT | | | 151 |

(locality : Tallya Hungary)
(GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.9 | 0.1 | 8 BUD_GT | 17003883 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-------|-----|--------|----|------|-----|-----|-----|---|

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|---------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ABAH | 0.05 | 355.1 | Pg | 09:50:06.942 | 0.7 | T__ | 16818.7 | --- | ML | 2.7 | 6963219 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.05 | 355.1 | Lg | 09:50:07.608 | -0.2 | T__ | | --- | | | 6963222 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=0) | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.50 | 255.8 | Pg | 09:50:16.109 | 0.9 | T__ | 75.2 | --- | ML | 1.6 | 6963221 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.50 | 255.8 | Lg | 09:50:21.858 | -1.4 | T__ | | --- | | | 6963223 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| JOS | 0.53 | 298.1 | Pg | 09:50:16.266 | 0.9 | T__ | 98.9 | --- | ML | 1.8 | 6963220 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.53 | 298.1 | Lg | 09:50:23.208 | -0.3 | T__ | | --- | | | 6963224 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 0.56 | 295.3 | Pg | 09:50:16.835 | 0.9 | T__ | 155.5 | --- | ML | 2.0 | 6963226 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.56 | 295.3 | Lg | 09:50:23.947 | -0.5 | T__ | | --- | | | 6963225 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.87 | 97.2 | Pg | 09:50:22.298 | 0.7 | T__ | 98.1 | --- | ML | 2.0 | 6963228 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.87 | 97.2 | Lg | 09:50:33.827 | -2.3 | T__ | | --- | | | 6963227 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.96 | 250.6 | Pn | 09:50:24.438 | 0.0 | T__ | 82.0 | --- | ML | 1.9 | 6963229 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.96 | 250.6 | Lg | 09:50:37.207 | -2.2 | T__ | | --- | | | 6963230 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.97 | 44.4 | Lg | 09:50:37.245 | -1.7 | T__ | | --- | | | 6963231 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 0.99 | 248.7 | Pg | 09:50:25.499 | 0.1 | T__ | 55.6 | --- | ML | 1.8 | 6963232 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.99 | 248.7 | Lg | 09:50:38.144 | -1.8 | T__ | | --- | | | 6963233 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 1.33 | 332.3 | Pg | 09:50:30.336 | 0.6 | T__ | 33.5 | --- | ML | 1.8 | 6963235 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.33 | 332.3 | Lg | 09:50:47.815 | -1.4 | T__ | | --- | | | 6963234 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.63 | 279.6 | Sn | 09:50:56.668 | 0.3 | T__ | | --- | | | 6963236 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| DRGR | 1.76 | 145.2 | Lg | 09:51:02.203 | -1.9 | T__ | | --- | | | 6963237 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/09 | 10:06:09.33 | 1.14 | 0.82 | 48.4248 | 18.8124 | 7.8 | 4.9 | 24 | 0.0f | | 7 | 4 | 175 | 0.07 | 1.15 | sx | BUD | 17003884 | BUD | | | 248 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 4 BUD | 17003884 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VYHS | 0.07 | 12.8 | Pg | 10:06:11.498 | 0.4 | | | | | T__ | | 155.2 | | _c | ML | 0.7 | 6963272 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.07 | 12.8 | Lg | 10:06:12.150 | -0.4 | | | | | T__ | | | | --- | | 6963271 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.87 | 300.3 | Pg | 10:06:27.726 | 0.5 | | | | | T__ | | 101.6 | | --- | ML | 2.0 | 6963273 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.87 | 300.3 | Lg | 10:06:39.465 | -1.2 | | | | | T__ | | | | --- | | 6963274 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.88 | 124.6 | Pg | 10:06:28.263 | 0.3 | | | | | T__ | | 58.4 | | --- | ML | 1.8 | 6963275 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |

(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 JOS 1.15 85.8 Pn 10:06:32.023 0.3 T__ 49.6 ___ ML 1.8 6963276 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 1.15 85.8 Lg 10:06:48.365 -0.7 T__ ___ 6963277 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/09 | 10:42:10.97 | 0.87 | 1.00 | 48.5070 | 19.3929 | 4.9 | 3.1 | 10 | 0.0f | 17 | 10 | 112 | 0.37 | 1.41 | sx | BUD | 17003888 | BUD | | | | 162 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.0 | 7 BUD | 17003888 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| VYHS | 0.37 | 268.2 | Pg | 10:42:19.456 | 0.8 | | | | | T__ | | 40.6 | | ___ | ML | 0.9 6963465 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.37 | 268.2 | Lg | 10:42:23.856 | -0.4 | | | | | T__ | | | | ___ | | 6963464 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.68 | 150.2 | Pg | 10:42:25.842 | 0.4 | | | | | T__ | | 70.3 | | ___ | ML | 1.7 6963468 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.68 | 150.2 | Lg | 10:42:35.186 | -0.7 | | | | | T__ | | | | ___ | | 6963457 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.71 | 152.8 | Pg | 10:42:26.575 | 0.7 | | | | | T__ | | 56.8 | | ___ | ML | 1.6 6963459 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.71 | 152.8 | Lg | 10:42:35.981 | -0.4 | | | | | T__ | | | | ___ | | 6963458 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.73 | 91.5 | Pg | 10:42:25.554 | 0.1 | | | | | T__ | | 115.9 | | ___ | ML | 2.0 6963462 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.73 | 91.5 | Lg | 10:42:35.781 | -0.6 | | | | | T__ | | | | ___ | | 6963461 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.76 | 90.4 | Pg | 10:42:26.824 | 0.7 | | | | | T__ | | 61.7 | | ___ | ML | 1.7 6963463 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.76 | 90.4 | Lg | 10:42:37.238 | -0.3 | | | | | T__ | | | | ___ | | 6963467 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.85 | 116.6 | Pg | 10:42:29.121 | 0.7 | | | | | T__ | | 53.0 | | ___ | ML | 1.7 6963460 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.85 | 116.6 | Lg | 10:42:40.340 | -1.2 | | | | | T__ | | | | ___ | | 6963469 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.09 | 32.9 | Pg | 10:42:32.555 | 1.0 | | | | | T__ | | 44.1 | | ___ | ML | 1.8 6963471 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.09 | 32.9 | Lg | 10:42:46.502 | -0.9 | | | | | T__ | | | | ___ | | 6963470 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.19 | 287.8 | Lg | 10:42:50.908 | -2.2 | | | | | T__ | | | | ___ | | 6963472 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| ABAH | 1.25 | 99.0 | Sn | 10:42:52.377 | -0.8 | | | | | T__ | | | | ___ | | 6963466 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 1.41 | 265.4 | Sn | 10:42:56.884 | -1.2 | | | | | T__ | | | | ___ | | 6963473 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/09 | 10:56:07.50 | 2.53 | 1.06 | 46.7778 | 22.7400 | 27.4 | 7.0 | 61 | 0.0f | 6 | 4 | 233 | 0.02 | 1.40 | sx | BUD | 17003890 | BUD | | | | 302 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.02 | 304.9 | Pg | 10:56:08.378 | -0.1 | | | | | T__ | | 211.4 | | --- | ML | 0.7 | 6963502 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.02 | 304.9 | Lg | 10:56:09.649 | 0.2 | | | | | T__ | | | | --- | | 6963503 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.90 | 236.0 | Lg | 10:56:38.753 | -0.1 | | | | | T__ | | | | --- | | 6963504 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.39 | 178.9 | Pg | 10:56:33.870 | 0.1 | | | | | T__ | | 78.2 | | --- | ML | 2.2 | 6963506 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.39 | 178.9 | Sn | 10:56:51.598 | -1.8 | | | | | T__ | | | | --- | | 6963505 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.40 | 214.3 | Sn | 10:56:53.047 | -0.1 | | | | | T__ | | | | --- | | 6963507 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | | |
|---------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|--|--|
| 2021/12/10 | 08:06:03.26 | 0.84 | 0.77 | 47.5453 | 18.6906 | 5.5 | 2.7 | 150 | 0.0f | | 22 | 14 | 76 | 0.23 | 1.48 | kx | BUD | 17003892 | BUD | | | 128 | | |
| 2021/12/10 | 08:06:03.25 | 0.83 | 0.77 | 47.5380 | 18.6920f | | | | 0.0f | | 22 | 14 | 77 | 0.23 | 1.49 | kx | BUD_GT | 17003893 | BUD_GT | | | 130 | | |
| (locality : Mány Hungary) | | | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.3 | 0.0 | 7 BUD_GT | 17003893 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BUD | 0.23 | 103.5 | Lg | 08:06:12.097 | -0.9 | | | | | T__ | | | | --- | | 6963653 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU09A | 0.23 | 295.8 | Lg | 08:06:12.055 | -0.8 | | | | | T__ | | | | --- | | 6963660 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW1 | 0.33 | 243.9 | Pg | 08:06:10.938 | 0.7 | | | | | T__ | | 107.6 | | --- | ML | 1.2 | 6963661 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.33 | 243.9 | Lg | 08:06:15.491 | -0.8 | | | | | T__ | | | | --- | | 6963662 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.34 | 239.3 | Pg | 08:06:11.061 | 0.5 | | | | | T__ | | 116.9 | | --- | ML | 1.3 | 6963645 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.34 | 239.3 | Lg | 08:06:15.741 | -1.0 | | | | | T__ | | | | --- | | 6963654 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.38 | 35.6 | Lg | 08:06:16.969 | -0.9 | | | | | T__ | | | | --- | | 6963655 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MSW2 | 0.40 | 234.4 | Pg | 08:06:12.262 | 0.6 | | | | | T__ | | 66.0 | | --- | ML | 1.2 | 6963664 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.40 | 234.4 | Lg | 08:06:17.933 | -0.9 | | | | | T__ | | | | --- | | 6963663 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW3 | 0.41 | 248.2 | Pg | 08:06:12.676 | 0.8 | | | | | T__ | | 63.9 | | --- | ML | 1.3 | 6963665 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.41 | 248.2 | Lg | 08:06:18.388 | -0.7 | | | | | T__ | | | | --- | | 6963666 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.87 | 245.3 | Lg | 08:06:33.849 | 0.4 | | | | | T__ | | | | --- | | 6963656 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 0.87 | 66.4 | Pn | 08:06:22.071 | 0.5 | | | | | T__ | | 44.7 | | --- | ML | 1.6 | 6963647 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.87 | 66.4 | Lg | 08:06:33.964 | -0.5 | | | | | T__ | | | | --- | | 6963646 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.90 | 64.4 | Pn | 08:06:22.071 | -0.1 | | | | | T__ | | 55.0 | | --- | ML | 1.7 | 6963648 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.90 | 64.4 | Lg | 08:06:35.805 | -0.1 | | | | | T__ | | | | --- | | 6963649 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.96 | 5.7 | Pn | 08:06:23.069 | -0.0 | | | | | T__ | | 17.1 | | --- | ML | 1.3 | 6963651 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| VYHS | 0.96 | 5.7 | Lg | 08:06:35.882 | -1.0 | T__ | --- | 6963650 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | |
| MODS | 1.27 | 311.8 | Pn | 08:06:27.941 | 0.5 | T__ | --- | 6963658 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 1.27 | 311.8 | Sn | 08:06:45.434 | -1.1 | T__ | --- | 6963657 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MORH | 1.32 | 181.5 | Sn | 08:06:47.736 | 0.7 | T__ | --- | 6963659 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ |
| JAVC | 1.49 | 333.0 | Sn | 08:06:51.227 | -1.4 | T__ | --- | 6963652 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|---------|----------|-----|-------|-----|-----|
| 2021/12/10 | 08:19:26.75 | 2.57 | 0.74 | 46.8839 | 22.8723 | 44.7 | 8.6 | 153 | 0.0f | 8 | 6 | 204 | 0.14 | 1.57 | --- | ML | 6963650 | 17003894 | BUD | | 282 | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|--|--|
| DRGR | 0.14 | 230.2 | Pg | 08:19:30.293 | 0.3 | | | | | T__ | | 272.2 | --- | ML | 1.1 | 6963699 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| DRGR | 0.14 | 230.2 | Lg | 08:19:32.183 | -0.6 | | | | | T__ | | | --- | | | 6963702 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARCR | 1.03 | 78.2 | Lg | 08:20:01.207 | -0.5 | | | | | T__ | | | --- | | | 6963701 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | | |
| SIRR | 1.04 | 234.0 | Pn | 08:19:47.072 | -0.5 | | | | | T__ | 28.1 | | --- | ML | 1.5 | 6963703 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| SIRR | 1.04 | 234.0 | Lg | 08:20:01.328 | -1.1 | | | | | T__ | | | --- | | | 6963700 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.49 | 182.6 | Sn | 08:20:15.494 | 0.1 | | | | | T__ | | | --- | | | 6963704 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| BZS | 1.54 | 215.0 | Lg | 08:20:17.932 | 0.7 | | | | | T__ | | | --- | | | 6963705 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| LOT | 1.57 | 156.2 | Sn | 08:20:17.719 | 0.0 | | | | | T__ | | | --- | | | 6963706 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|-------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|---------|----------|--------|-------|-----|-----|
| 2021/12/10 | 08:52:56.28 | 2.59 | 0.13 | 45.9764 | 18.3817 | 20.8 | 5.5 | 169 | 0.0f | 5 | 3 | 262 | 0.23 | 0.56 | --- | ML | 6963725 | 17003896 | BUD | | 314 | |
| 2021/12/10 | 08:52:52.51 | 1.04 | 1.59 | 45.7928 | 18.4423f | | | | 0.0f | 5 | 3 | 302 | 0.38 | 0.74 | --- | ML | 6963726 | 17003897 | BUD_GT | | 332 | |
| (locality : Beremend Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|------|-----|------|-----------|---------|------|--------|----|------|------|-----|-----|---|--|--|
| KOVH | 0.38 | 321.2 | Pg | 08:53:01.405 | 0.7 | | | | | T__ | | 58.5 | --- | ML | 1.1 | 6963725 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| KOVH | 0.38 | 321.2 | Lg | 08:53:05.558 | -1.1 | | | | | T__ | | | --- | | | 6963726 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.44 | 18.3 | Pg | 08:53:02.809 | 0.9 | | | | | T__ | 54.8 | | --- | ML | 1.3 | 6963724 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| MORH | 0.44 | 18.3 | Lg | 08:53:08.117 | -1.0 | | | | | T__ | | | --- | | | 6963727 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.74 | 350.5 | Lg | 08:53:16.445 | -2.5 | | | | | T__ | | | --- | | | 6963728 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|---------|----------|-----|-------|-----|-----|
| 2021/12/10 | 09:04:08.75 | 0.85 | 1.37 | 48.6875 | 18.4263 | 5.6 | 3.6 | 18 | 0.0f | 17 | 10 | 86 | 0.33 | 1.51 | --- | ML | 6963728 | 17003898 | BUD | | 129 | |

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 6 BUD 17003898

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| VYHS | 0.33 | 125.3 | Pg | 09:04:15.827 | 0.1 | | | | | T__ | | 26.1 | | ___ | ML | 0.6 6963763 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.33 | 125.3 | Lg | 09:04:20.414 | -0.4 | | | | | T__ | | | | --- | | 6963764 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.53 | 289.2 | Lg | 09:04:27.431 | -0.8 | | | | | T__ | | | | --- | | 6963765 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| MODS | 0.83 | 248.1 | Pg | 09:04:25.671 | 0.1 | | | | | T__ | | | | --- | | 6963762 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.83 | 248.1 | Lg | 09:04:38.316 | 0.1 | | | | | T__ | | | | --- | | 6963766 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 1.23 | 332.4 | Pg | 09:04:32.087 | 0.4 | | | | | T__ | | 75.2 | | --- | ML | 2.1 6963767 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.23 | 332.4 | Lg | 09:04:48.358 | -0.5 | | | | | T__ | | | | --- | | 6963768 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 1.25 | 127.6 | Sn | 09:04:49.472 | -2.4 | | | | | T__ | | | | --- | | 6963769 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| HU08A | 1.30 | 195.2 | Sn | 09:04:52.346 | -0.3 | | | | | T__ | | | | --- | | 6963772 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| KECS | 1.38 | 97.7 | Pn | 09:04:34.029 | -0.4 | | | | | T__ | | 70.4 | | --- | ML | 2.1 6963771 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 1.38 | 97.7 | Sn | 09:04:52.500 | -2.3 | | | | | T__ | | | | --- | | 6963770 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.42 | 97.0 | Pn | 09:04:36.120 | 1.2 | | | | | T__ | | 39.5 | | --- | ML | 1.9 6963775 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.42 | 97.0 | Sn | 09:04:53.476 | -2.1 | | | | | T__ | | | | --- | | 6963776 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.43 | 58.6 | Pg | 09:04:36.526 | 0.8 | | | | | T__ | | 35.2 | | --- | ML | 1.8 6963774 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 1.43 | 58.6 | Lg | 09:04:54.935 | -0.9 | | | | | T__ | | | | --- | | 6963773 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.51 | 111.2 | Pn | 09:04:38.358 | 2.0 | | | | | T__ | | 39.2 | | --- | ML | 1.9 6963778 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.51 | 111.2 | Sn | 09:04:56.705 | -1.4 | | | | | T__ | | | | --- | | 6963777 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/12/10 09:16:18.23 1.01 1.06 47.0176 22.3262 6.7 6.4 6 0.0f 24 13 88 0.35 1.91 sx BUD 17003900 BUD 124

Magnitude Err Nsta Author OrigID
 ML 2.2 0.2 11 BUD 17003900

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| DRGR | 0.35 | 130.4 | Pg | 09:16:26.121 | 0.7 | | | | | T__ | | 351.5 | | _c | ML | 1.8 6963832 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.35 | 130.4 | Lg | 09:16:29.902 | -1.3 | | | | | T__ | | | | --- | | 6963833 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.88 | 211.7 | Pg | 09:16:35.995 | -0.0 | | | | | T__ | | 59.3 | | --- | ML | 1.8 6963835 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.88 | 211.7 | Lg | 09:16:47.648 | -1.5 | | | | | T__ | | | | --- | | 6963836 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 0.92 | 108.8 | Pg | 09:16:36.779 | 0.4 | | | | | T__ | | 399.7 | | --- | ML | 2.6 6963837 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| CJR | 0.92 | 108.8 | Lg | 09:16:48.990 | -1.4 | | | | | T__ | | | | --- | | 6963834 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 2.6 magdef=0
HU05A 0.97 303.9 Lg 09:16:50.429 -2.1 T__
BMR 1.03 50.0 Pg 09:16:38.880 0.5 T__ 206.1 --- ML 2.4 6963840 FDSN R0 -- BUD iLoc HHZ HHZ _
BMR 1.03 50.0 Lg 09:16:52.826 -1.4 T__ --- 6963839 FDSN R0 -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
DEV 1.20 160.4 Pg 09:16:41.603 0.5 T__ 252.8 --- ML 2.6 6963841 FDSN R0 -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
ARCR 1.39 86.5 Pn 09:16:44.506 0.3 T__ 122.6 --- ML 2.4 6963842 FDSN R0 -- BUD iLoc HHZ HHZ _
ARCR 1.39 86.5 Sn 09:17:03.039 -1.2 T__ --- 6963843 FDSN R0 -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
BZS 1.49 199.6 Pn 09:16:45.514 0.2 T__ 39.5 --- ML 1.9 6963845 FDSN R0 -- BUD iLoc HHZ HHZ _
BZS 1.49 199.6 Sn 09:17:05.349 -0.7 T__ --- 6963844 FDSN R0 -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 1.65 312.8 Pn 09:16:48.203 0.8 T__ 40.8 --- ML 2.0 6963846 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.65 312.8 Sn 09:17:10.579 0.6 T__ --- 6963847 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
GZR 1.65 168.9 Pg 09:16:50.615 1.1 T__ 65.9 --- ML 2.2 6963849 FDSN R0 -- BUD iLoc HHZ HHZ _
GZR 1.65 168.9 Sn 09:17:10.140 -0.5 T__ --- 6963848 FDSN R0 -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
LOT 1.86 146.9 Pg 09:16:54.330 0.7 T__ 86.6 --- ML 2.5 6963850 FDSN R0 -- BUD iLoc HHZ HHZ _
LOT 1.86 146.9 Sn 09:17:16.582 0.3 T__ --- 6963851 FDSN R0 -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
ET1H 1.88 298.3 Sn 09:17:16.674 1.6 T__ --- 6963852 FDSN HU -- BUD iLoc HHN ??? _
JOS 1.91 321.5 Pn 09:16:52.461 1.5 T__ 44.0 --- ML 2.2 6963854 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.91 321.5 Pg 09:16:55.684 -0.1 T__ --- 6963855 FDSN ZJ -- BUD iLoc HHZ ??? _
JOS 1.91 321.5 Lg 09:17:21.779 -0.0 T__ --- 6963853 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/10 09:26:56.04 0.91 1.12 47.8564 19.1637 9.4 2.8 175 0.0f 17 10 151 0.10 1.41 kx BUD 17003902 BUD 176
2021/12/10 09:26:55.70 0.86 1.17 47.8355 19.1270f 0.0f 17 10 154 0.07 1.41 kx BUD_GT 17003903 BUD_GT 192
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD_GT 17003903

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 277.6 Pg 09:26:59.085 1.4 T__ 1433.1 --- ML 1.7 6963908 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 277.6 Lg 09:26:59.845 0.3 T__ --- 6963910 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU03A 0.33 77.7 Pg 09:27:03.688 0.9 T__ 148.2 --- ML 1.4 6963911 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.33 77.7 Lg 09:27:07.376 -0.8 T__ --- 6963912 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 0.50 84.8 Pg 09:27:06.543 0.0 T__ 44.2 ___ ML 1.3 6963913 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.50 84.8 Lg 09:27:13.237 -1.1 T__ ___ 6963914 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
PSZ 0.52 80.6 Pg 09:27:07.176 0.1 T__ 65.1 ___ ML 1.6 6963915 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.52 80.6 Lg 09:27:13.777 -1.7 T__ ___ 6963909 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.69 343.6 Lg 09:27:19.428 -0.5 T__ ___ 6963916 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.98 72.5 Pn 09:27:15.748 0.0 T__ 34.7 ___ ML 1.6 6963918 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.98 72.5 Lg 09:27:28.889 -2.6 T__ ___ 6963917 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 1.12 54.0 Pn 09:27:17.945 0.4 T__ 69.9 ___ ML 2.0 6963919 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.12 54.0 Sn 09:27:32.759 -2.0 T__ ___ 6963920 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 1.15 54.5 Pg 09:27:19.015 0.5 T__ 36.1 ___ ML 1.7 6963922 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.15 54.5 Sn 09:27:34.263 -1.3 T__ ___ 6963921 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MPLH 1.27 238.9 Sn 09:27:37.480 -1.0 T__ ___ 6963923 FDSN HU -- BUD iLoc HHN ??? _
JAVC 1.41 317.1 Sn 09:27:43.206 -0.1 T__ ___ 6963924 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/10 10:14:15.70 1.05 1.05 48.5968 20.7561 6.2 4.0 174 0.0f 17 10 90 0.18 1.28 sx BUD 17003904 BUD 164

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Magnitude Err Nsta Author OrigID
ML 1.4 0.2 7 BUD 17003904

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 235.0 Pg 10:14:20.085 0.7 T__ 269.3 ___ ML 1.2 6963973 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 235.0 Lg 10:14:23.029 0.7 T__ ___ 6963972 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.21 237.8 Pg 10:14:20.585 0.4 T__ 587.6 ___ ML 1.7 6963971 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 237.8 Lg 10:14:23.653 0.0 T__ ___ 6963970 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.44 132.9 Pg 10:14:25.506 0.8 T__ 75.8 ___ ML 1.4 6963974 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.44 132.9 Lg 10:14:31.580 -0.7 T__ ___ 6963975 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.50 198.1 Pg 10:14:26.360 0.1 T__ 39.6 ___ ML 1.3 6963969 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 198.1 Lg 10:14:33.550 -0.7 T__ ___ 6963976 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
NIE 0.88 340.1 Lg 10:14:43.691 -1.0 T__ ___ 6963977 FDSN PL -- BUD iLoc BHN ??? _
PSZ 0.89 220.6 Pn 10:14:33.853 -0.7 T__ 54.4 ___ ML 1.7 6963979 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.89 220.6 Lg 10:14:46.126 -1.7 T__ ___ 6963978 FDSN GE -- BUD iLoc HHN ??? _

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.93 219.8 Lg 10:14:47.399 -1.4 T__ --- 6963980 FDSN HU -- BUD iLoc HHN ??? _
KOLS 1.06 70.9 Lg 10:14:50.968 -1.3 T__ --- 6963981 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.28 110.8 Pn 10:14:40.389 0.6 T__ 47.5 --- ML 1.9 6963984 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.28 110.8 Sn 10:14:58.023 -0.9 T__ --- 6963985 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
VYHS 1.28 266.1 Pn 10:14:40.102 0.1 T__ 17.0 --- ML 1.4 6963983 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.28 266.1 Sn 10:14:57.334 -1.9 T__ --- 6963982 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/10 11:00:33.92 0.97 0.77 48.1338 17.0237 8.8 3.3 131 0.0f 17 10 155 0.29 1.48 sx BUD 17003906 BUD 193

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Magnitude Err Nsta Author OrigID
ML 1.8 0.3 5 BUD 17003906

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.29 35.2 Pg 11:00:40.910 0.5 T__ --- 6964028 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.29 35.2 Lg 11:00:45.094 -0.5 T__ --- 6964035 FDSN SK -- BUD iLoc HHN ??? _
RONA 0.65 228.7 Pg 11:00:46.533 -0.5 T__ 54.0 --- ML 1.6 6964030 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.65 228.7 Lg 11:00:55.335 -0.4 T__ --- 6964036 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CONA 0.81 255.7 Lg 11:01:00.375 -0.1 T__ --- 6964037 FDSN OE -- BUD iLoc HHN ??? _
JAVC 0.84 30.4 Lg 11:01:02.863 -1.5 T__ --- 6964038 FDSN CZ -- BUD iLoc HHN ??? _
KRUC 1.02 336.0 Pg 11:00:54.159 0.7 T__ 58.9 --- ML 1.8 6964029 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.02 336.0 Lg 11:01:07.904 -0.6 T__ --- 6964039 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VRAC 1.21 346.5 Lg 11:01:13.725 -0.9 T__ --- 6964040 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 1.26 72.7 Pn 11:00:59.417 1.2 T__ 18.2 --- ML 1.5 6964032 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.26 72.7 Sn 11:01:16.153 -0.9 T__ --- 6964041 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
ARSA 1.34 229.5 Pn 11:00:59.728 0.2 T__ 59.9 --- ML 2.0 6964031 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.34 229.5 Lg 11:01:17.269 0.5 T__ --- 6964042 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
AO18A 1.37 254.1 Pn 11:01:00.667 0.7 T__ 67.2 --- ML 2.1 6964033 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO18A 1.37 254.1 Lg 11:01:17.650 0.2 T__ --- 6964043 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
AO19A 1.48 242.9 Lg 11:01:20.795 -0.5 T__ --- 6964044 FDSN Z3 00 BUD iLoc HH2 ??? _
AO19A 1.48 242.9 Sg 11:01:21.849 0.5 T__ --- 6964034 FDSN Z3 00 BUD iLoc HH2 ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/10 11:54:16.20 1.09 0.96 47.8601 20.1545 7.6 3.2 157 0.0f 14 9 156 0.18 1.09 kx BUD 17003908 BUD 217

```

2021/12/10 11:54:16.19 0.88 0.76 47.8650 20.1529f 0.0f 14 9 155 0.18 1.08 kx BUD_GT 17003909 BUD_GT 215
 (locality : Kiszána Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.4 0.1 5 BUD_GT 17003909

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| PSZ | 0.18 | 287.2 | Pg | 11:54:21.258 | 0.6 | | | | | T__ | | 430.9 | | --- | ML | 1.4 6964080 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.18 | 287.2 | Lg | 11:54:23.830 | -0.5 | | | | | T__ | | | | --- | | 6964084 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.19 | 274.4 | Pg | 11:54:21.510 | 0.9 | | | | | T__ | | 356.6 | | --- | ML | 1.4 6964081 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.19 | 274.4 | Lg | 11:54:23.974 | -0.2 | | | | | T__ | | | | --- | | 6964085 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.36 | 44.0 | Pg | 11:54:24.312 | 0.3 | | | | | T__ | | 98.3 | | --- | ML | 1.3 6964082 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.36 | 44.0 | Lg | 11:54:29.441 | -0.7 | | | | | T__ | | | | --- | | 6964086 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.37 | 276.2 | Lg | 11:54:29.718 | -0.6 | | | | | T__ | | | | --- | | 6964087 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| HU01A | 0.63 | 214.9 | Lg | 11:54:38.360 | -1.3 | | | | | T__ | | | | --- | | 6964088 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| KECS | 0.66 | 19.7 | Lg | 11:54:39.492 | 0.0 | | | | | T__ | | | | --- | | 6964089 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| JOS | 0.68 | 22.1 | Pg | 11:54:30.086 | 0.2 | | | | | T__ | | 48.8 | | --- | ML | 1.6 6964083 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.68 | 22.1 | Lg | 11:54:40.127 | -0.2 | | | | | T__ | | | | --- | | 6964090 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.85 | 59.0 | Pn | 11:54:34.625 | 0.6 | | | | | T__ | | 73.2 | | --- | ML | 1.8 6964092 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.85 | 59.0 | Lg | 11:54:45.410 | -1.4 | | | | | T__ | | | | --- | | 6964091 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.08 | 306.0 | Lg | 11:54:52.740 | -1.1 | | | | | T__ | | | | --- | | 6964093 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/12/10 13:25:04.94 2.11 0.45 48.0258 19.6452 13.2 4.5 150 0.0f 7 4 246 0.13 0.60 ke BUD 17003910 BUD 306

Magnitude Err Nsta Author OrigID
 ML 0.7 0.1 4 BUD 17003910

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| HU03A | 0.13 | 194.1 | Pg | 13:25:08.288 | 0.3 | | | | | T__ | | 143.0 | | --- | ML | 0.8 6964142 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.13 | 194.1 | Lg | 13:25:09.879 | -0.6 | | | | | T__ | | | | --- | | 6964144 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.20 | 122.6 | Pg | 13:25:10.224 | 0.5 | | | | | T__ | | 67.7 | | _d_ | ML | 0.7 6964146 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.20 | 122.6 | Lg | 13:25:13.246 | -0.3 | | | | | T__ | | | | --- | | 6964145 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.21 | 133.9 | Pg | 13:25:09.944 | 0.1 | | | | | T__ | | 55.9 | | _c_ | ML | 0.6 6964147 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.21 | 133.9 | Lg | 13:25:13.363 | -0.2 | | | | | T__ | | | | --- | | 6964143 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/11 | 11:15:20.73 | 0.93 | 0.84 | 46.1195 | 21.6841 | 9.2 | 3.7 | 92 | 0.0f | | 11 | 6 | 145 | 0.15 | 1.45 | sx | BUD | 17003916 | BUD | | | 198 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 5 BUD | 17003916 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SIRR | 0.15 | 353.5 | Pg | 11:15:24.475 | 0.2 | | | | | T__ | | 385.6 | | ___ | ML | 1.3 | 6964337 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.15 | 353.5 | Lg | 11:15:26.955 | -0.3 | | | | | T__ | | | | --- | | 6964339 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.51 | 185.4 | Pg | 11:15:30.871 | 0.1 | | | | | T__ | | 59.1 | | ___ | ML | 1.5 | 6964341 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.51 | 185.4 | Lg | 11:15:37.627 | -0.5 | | | | | T__ | | | | --- | | 6964340 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BANR | 0.83 | 207.7 | Lg | 11:15:48.640 | -0.3 | | | | | T__ | | | | --- | | 6964342 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| DRGR | 0.98 | 46.2 | Pg | 11:15:40.423 | 0.2 | | | | | T__ | | 81.9 | | --- | ML | 2.0 | 6964335 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.98 | 46.2 | Lg | 11:15:52.820 | -1.9 | | | | | T__ | | | | --- | | 6964336 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 1.05 | 133.1 | Pn | 11:15:42.923 | 0.8 | | | | | T__ | | 54.7 | | --- | ML | 1.8 | 6964338 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.05 | 133.1 | Lg | 11:15:55.629 | 0.1 | | | | | T__ | | | | --- | | 6964343 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 1.45 | 65.2 | Pn | 11:15:48.615 | 1.0 | | | | | T__ | | 120.3 | | --- | ML | 2.4 | 6964345 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| CJR | 1.45 | 65.2 | Sn | 11:16:08.078 | -0.1 | | | | | T__ | | | | --- | | 6964344 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/11 | 13:04:50.56 | 4.50 | 1.67 | 46.8377 | 22.6090 | 35.0 | 15.0 | 161 | 0.0f | | 5 | 3 | 273 | 0.08 | 1.45 | sx | BUD | 17003918 | BUD | | | 325 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.08 | 123.3 | Pg | 13:04:52.668 | 0.0 | | | | | T__ | | 73.2 | | --- | ML | 0.4 | 6964369 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.08 | 123.3 | Lg | 13:04:54.454 | -0.1 | | | | | T__ | | | | --- | | 6964371 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.40 | 209.8 | Sn | 13:05:34.213 | -2.1 | | | | | T__ | | | | --- | | 6964372 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.45 | 175.3 | Pg | 13:05:18.136 | 0.1 | | | | | T__ | | 55.3 | | --- | ML | 2.0 | 6964373 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.45 | 175.3 | Sn | 13:05:39.086 | 1.1 | | | | | T__ | | | | --- | | 6964370 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/11 | 13:20:05.10 | 1.02 | 1.00 | 46.1918 | 17.3689 | 9.1 | 3.2 | 167 | 0.0f | | 9 | 6 | 132 | 0.06 | 0.89 | ke | BUD | 17003920 | BUD | | | 181 |

Magnitude Err Nsta Author OrigID
ML 1.8 0.3 4 BUD 17003920

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A264A | 0.06 | 239.8 | Pg | 13:20:07.453 | 0.3 | | | | | T__ | | 1103.2 | | ___ | ML | 1.5 | 6964434 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.06 | 239.8 | Lg | 13:20:07.892 | -1.1 | | | | | T__ | | | | --- | | 6964436 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.42 | 131.3 | Lg | 13:20:18.518 | -1.3 | | | | | T__ | | | | --- | | 6964437 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| KOVH | 0.52 | 101.3 | Pg | 13:20:16.675 | 0.7 | | | | | T__ | | 97.2 | | --- | ML | 1.7 | 6964438 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.52 | 101.3 | Lg | 13:20:24.256 | 0.6 | | | | | T__ | | | | --- | | 6964435 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.70 | 61.4 | Pg | 13:20:18.813 | -0.7 | | | | | T__ | | 260.6 | | --- | ML | 2.3 | 6964439 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.82 | 288.7 | Lg | 13:20:33.422 | 1.2 | | | | | T__ | | | | --- | | 6964440 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| MORH | 0.89 | 88.0 | Pg | 13:20:23.305 | 0.4 | | | | | T__ | | 76.5 | | _c_ | ML | 1.9 | 6964433 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.89 | 88.0 | Lg | 13:20:36.129 | -0.1 | | | | | T__ | | | | --- | | 6964441 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/13 | 09:38:50.30 | 4.30 | 0.81 | 46.8558 | 22.8033 | 32.1 | 10.4 | 175 | 0.0f | | 8 | 5 | 280 | 0.09 | 1.56 | sx | BUD | 17003924 | BUD | | | 307 |

Magnitude Err Nsta Author OrigID
ML 2.0 0.5 3 BUD 17003924

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.09 | 224.6 | Pg | 09:38:52.541 | 0.0 | | | | | T__ | | 179.3 | | ___ | ML | 0.8 | 6964542 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.09 | 224.6 | Lg | 09:38:54.389 | -0.1 | | | | | T__ | | | | --- | | 6964549 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.98 | 233.7 | Lg | 09:39:23.720 | -0.5 | | | | | T__ | | | | --- | | 6964543 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 1.46 | 180.7 | Pg | 09:39:17.977 | -0.1 | | | | | T__ | | 51.1 | | --- | ML | 2.0 | 6964545 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.46 | 180.7 | Sn | 09:39:37.445 | -0.7 | | | | | T__ | | | | --- | | 6964544 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.49 | 214.0 | Lg | 09:39:40.208 | 1.0 | | | | | T__ | | | | --- | | 6964546 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 1.56 | 154.2 | Pg | 09:39:20.057 | 0.1 | | | | | T__ | | 102.8 | | --- | ML | 2.4 | 6964547 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.56 | 154.2 | Sn | 09:39:39.845 | -1.2 | | | | | T__ | | | | --- | | 6964548 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/13 | 10:21:58.19 | 1.04 | 1.11 | 48.5481 | 20.8027 | 6.1 | 3.7 | 7 | 0.0f | | 16 | 10 | 88 | 0.18 | 1.31 | sx | BUD | 17003926 | BUD | | | 159 |

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 6 BUD 17003926

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| JOS | 0.18 | 253.5 | Pg | 10:22:02.559 | 0.5 | | | | | T__ | | 371.3 | | --- | ML | 1.4 | 6964584 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.18 | 253.5 | Lg | 10:22:05.195 | 0.1 | | | | | T__ | | | | --- | | 6964585 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.22 | 253.0 | Pg | 10:22:03.147 | 0.3 | | | | | T__ | | 785.2 | | --- | ML | 1.8 | 6964587 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 0.22 | 253.0 | Lg | 10:22:06.731 | 0.3 | | | | | T__ | | | | --- | | 6964586 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.39 | 130.7 | Pg | 10:22:06.878 | 0.7 | | | | | T__ | | 102.0 | | --- | ML | 1.4 | 6964591 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ABAH | 0.39 | 130.7 | Lg | 10:22:11.825 | -1.1 | | | | | T__ | | | | --- | | 6964590 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.46 | 203.6 | Pg | 10:22:08.796 | 0.7 | | | | | T__ | | 91.8 | | --- | ML | 1.6 | 6964588 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.46 | 203.6 | Lg | 10:22:14.893 | -0.7 | | | | | T__ | | | | --- | | 6964592 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.88 | 224.3 | Pn | 10:22:16.850 | 0.0 | | | | | T__ | | 87.0 | | --- | ML | 1.9 | 6964594 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 0.88 | 224.3 | Lg | 10:22:28.339 | -1.5 | | | | | T__ | | | | --- | | 6964593 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.91 | 223.3 | Lg | 10:22:29.646 | -1.1 | | | | | T__ | | | | --- | | 6964596 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| NIE | 0.93 | 339.4 | Lg | 10:22:28.192 | -0.8 | | | | | T__ | | | | --- | | 6964595 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | | |
| HU03A | 1.03 | 231.7 | Lg | 10:22:33.142 | -1.5 | | | | | T__ | | | | --- | | 6964598 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| KOLS | 1.05 | 67.8 | Lg | 10:22:32.569 | -1.9 | | | | | T__ | | | | --- | | 6964597 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| VYHS | 1.31 | 268.4 | Pn | 10:22:23.780 | 0.9 | | | | | T__ | | 23.3 | | --- | ML | 1.6 | 6964589 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | |
| VYHS | 1.31 | 268.4 | Sn | 10:22:40.854 | -1.6 | | | | | T__ | | | | --- | | 6964599 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/13 | 11:53:16.30 | 0.88 | 0.95 | 48.3406 | 19.8544 | 4.2 | 3.3 | 144 | 0.0f | | 17 | 10 | 84 | 0.42 | 1.54 | sx | BUD | 17003928 | BUD | | | 140 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 7 BUD | 17003928 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.42 | 176.4 | Pg | 11:53:26.063 | 0.4 | | | | | T__ | | 156.0 | | --- | ML | 1.7 | 6964645 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.42 | 176.4 | Lg | 11:53:31.382 | -1.1 | | | | | T__ | | | | --- | | 6964649 | FDSN | GE | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.44 | 71.0 | Pg | 11:53:25.937 | 0.6 | | | | | T__ | | 189.4 | | --- | ML | 1.8 | 6964643 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.44 | 71.0 | Lg | 11:53:31.682 | -0.5 | | | | | T__ | | | | --- | | 6964648 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.46 | 178.6 | Lg | 11:53:33.209 | -0.2 | | | | | T__ | | | | --- | | 6964651 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU03A | 0.47 | 201.4 | Pg | 11:53:26.906 | 0.6 | | | | | T__ | | 142.6 | | --- | ML | 1.8 | 6964653 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.47 | 201.4 | Lg | 11:53:33.023 | -0.5 | | | | | T__ | | | | --- | | 6964652 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.48 | 70.9 | Pg | 11:53:26.635 | 0.6 | | | | | T__ | | 119.5 | | _c_ | ML | 1.7 | 6964642 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.48 | 70.9 | Lg | 11:53:32.539 | -0.9 | | | | | T__ | | | | --- | | 6964650 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.50 115.7 Pg 11:53:27.599 0.7 T__ 106.2 ___ ML 1.7 6964644 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 115.7 Lg 11:53:33.663 -1.3 T__ ___ 6964654 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 0.70 283.1 Pg 11:53:30.718 0.3 T__ 31.1 ___ ML 1.4 6964646 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.70 283.1 Lg 11:53:40.079 -0.6 T__ ___ 6964647 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
A338A 1.06 252.6 Sn 11:53:51.926 -2.0 T__ ___ 6964655 FDSN Z3 00 BUD iLoc HH2 ??? _
NIE 1.12 15.1 Pn 11:53:39.364 0.9 T__ 35.6 ___ ML 1.7 6964657 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.12 15.1 Lg 11:53:53.194 -0.6 T__ ___ 6964656 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JAVC 1.54 290.5 Sn 11:54:07.954 0.9 T__ ___ 6964658 FDSN CZ -- BUD iLoc HHN ??? _

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/12/13 | 12:10:55.75 | 1.38 | 1.37 | 47.5527 | 18.4362 | 12.0 | 3.4 | 101 | 0.0f | 6 | 4 | 196 | | 0.09 | 0.98 | kx | BUD | 17003930 | BUD | | | 235 |
| 2021/12/13 | 12:10:55.60 | 0.97 | 1.09 | 47.5600 | 18.4573f | | | | 0.0f | 6 | 4 | 199 | | 0.09 | 0.97 | kx | BUD_GT | 17003931 | BUD_GT | | | 246 |

(locality : Tatabánya Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 12:10:58.922 | 0.9 | | | | | T__ | | 1060.3 | | ___ | ML | 1.6 | 6964687 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 12:10:59.972 | -0.4 | | | | | T__ | | | | ___ | | 6964692 | FDSN | ZJ | 00 | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.24 | 214.2 | Pg | 12:11:01.456 | 0.6 | | | | | T__ | | 114.2 | | ___ | ML | 1.0 | 6964688 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.24 | 214.2 | Lg | 12:11:04.142 | -1.4 | | | | | T__ | | | | ___ | | 6964690 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.38 | 250.6 | Lg | 12:11:08.988 | -1.3 | | | | | T__ | | | | ___ | | 6964689 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 0.97 | 15.1 | Lg | 12:11:28.484 | -1.0 | | | | | T__ | | | | ___ | | 6964691 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/12/13 | 12:34:00.02 | 1.29 | 0.84 | 47.5585 | 18.4847 | 10.7 | 3.8 | 102 | 0.0f | 6 | 3 | 203 | | 0.11 | 0.97 | kx | BUD | 17003932 | BUD | | | 305 |
| 2021/12/13 | 12:34:00.20 | 0.98 | 0.63 | 47.5600 | 18.4573f | | | | 0.0f | 6 | 3 | 199 | | 0.09 | 0.97 | kx | BUD_GT | 17003933 | BUD_GT | | | 312 |

(locality : Tatabánya Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.5 0.4 3 BUD_GT 17003933

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|---------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU09A | 0.09 | 327.2 | Pg | 12:34:03.193 | 0.6 | | | | | T__ | | 1564.7 | | ___ | ML | 1.8 | 6964729 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.09 | 327.2 | Lg | 12:34:04.576 | -0.4 | | | | | T__ | | | | ___ | | 6964732 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.8 magdef=1
CSKK 0.24 214.2 Pg 12:34:05.991 0.5 T__ 136.2 _c_ ML 1.1 6964730 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.24 214.2 Lg 12:34:09.225 -0.9 T__ --- 6964733 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
VYHS 0.97 15.1 Pg 12:34:19.590 -0.3 T__ 30.1 --- ML 1.5 6964731 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.97 15.1 Lg 12:34:33.507 -0.6 T__ --- 6964734 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/13 | 14:00:30.57 | 0.92 | 0.69 | 47.2470 | 16.3707 | 5.5 | 3.9 | 90 | 0.0f | 18 | 12 | 83 | 0.23 | 1.82 | sx | BUD | 17003938 | BUD | | | | 136 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 5 BUD | 17003938 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A260A | 0.23 | 80.8 | Lg | 14:00:39.433 | 0.0 | | | | | T__ | | | | | | 6964889 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| A262A | 0.40 | 164.3 | Lg | 14:00:44.472 | 0.0 | | | | | T__ | | | | | | 6964896 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| SOP | 0.45 | 16.2 | Lg | 14:00:46.420 | 0.0 | | | | | T__ | | | | | | 6964897 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| RONA | 0.46 | 353.7 | Pg | 14:00:39.472 | -0.5 | | | | | T__ | 69.4 | | | | ML | 1.4 | 6964890 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.46 | 353.7 | Lg | 14:00:46.319 | 0.0 | | | | | T__ | | | | | | 6964892 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.58 | 270.7 | Lg | 14:00:49.167 | 0.1 | | | | | T__ | | | | | | 6964898 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| CONA | 0.76 | 333.4 | Pg | 14:00:45.567 | -0.2 | | | | | T__ | 69.8 | | | | ML | 1.8 | 6964891 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.76 | 333.4 | Lg | 14:00:57.058 | 1.3 | | | | | T__ | | | | | | 6964894 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.80 | 185.9 | Pg | 14:00:46.867 | 0.4 | | | | | T__ | 108.2 | | | | ML | 2.0 | 6964883 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.80 | 185.9 | Lg | 14:00:56.558 | -0.3 | | | | | T__ | | | | | | 6964893 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 1.01 | 300.0 | Pg | 14:00:49.769 | -0.3 | | | | | T__ | 55.8 | | | | ML | 1.8 | 6964882 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 1.01 | 300.0 | Sn | 14:01:05.299 | -0.9 | | | | | T__ | | | | | | 6964895 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 1.28 | 28.1 | Pn | 14:00:55.730 | 0.6 | | | | | T__ | | | | | | 6964881 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 1.28 | 28.1 | Sn | 14:01:12.964 | -0.5 | | | | | T__ | | | | | | 6964884 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| OBKA | 1.45 | 240.1 | Pn | 14:00:59.212 | 1.2 | | | | | T__ | 96.1 | | | | ML | 2.3 | 6964886 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.45 | 240.1 | Lg | 14:01:16.499 | -0.9 | | | | | T__ | | | | | | 6964885 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRES | 1.56 | 204.3 | Sn | 14:01:21.080 | 1.2 | | | | | T__ | | | | | | 6964887 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| KRUC | 1.82 | 0.5 | Sn | 14:01:25.977 | -0.2 | | | | | T__ | | | | | | 6964888 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|
| 2021/12/14 | 07:23:03.43 | 1.24 | 1.13 | 47.3054 | 18.3174 | 8.6 | 4.7 | 96 | 0.0f | 7 | 5 | 107 | 0.07 | 1.20 | kx | BUD | 17003942 | BUD | | | | 195 |
| 2021/12/14 | 07:23:03.61 | 0.98 | 0.98 | 47.3167 | 18.3081f | | | | 0.0f | 7 | 5 | 106 | 0.06 | 1.20 | kx | BUD_GT | 17003943 | BUD_GT | | | | 193 |

(locality : Magyaralmás Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.06 | 325.1 | Pg | 07:23:06.323 | 0.9 | | | | | T__ | | 1596.5 | | --- | ML | 1.7 | 6964981 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.06 | 325.1 | Lg | 07:23:06.855 | -0.5 | | | | | T__ | | | | --- | | 6964982 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU09A | 0.33 | 8.9 | Lg | 07:23:15.437 | -1.1 | | | | | T__ | | | | --- | | 6964983 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 0.54 | 254.6 | Pg | 07:23:15.206 | 0.3 | | | | | T__ | | 68.6 | | --- | ML | 1.6 | 6964985 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.54 | 254.6 | Lg | 07:23:22.253 | -1.1 | | | | | T__ | | | | --- | | 6964984 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.13 | 168.1 | Lg | 07:23:41.151 | -1.2 | | | | | T__ | | | | --- | | 6964986 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| ET1H | 1.20 | 61.4 | Sn | 07:23:43.717 | -0.9 | | | | | T__ | | | | --- | | 6964987 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/14 | 07:27:57.79 | 1.02 | 0.93 | 46.0535 | 22.8695 | 7.3 | 4.2 | 74 | 0.0f | | 11 | 6 | 141 | 0.17 | 0.98 | sx | BUD | 17003944 | BUD | | | 208 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.0 | 5 BUD | 17003944 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.17 | 172.1 | Pg | 07:28:01.352 | 0.3 | | | | | T__ | | 857.7 | | --- | ML | 1.7 | 6965044 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.17 | 172.1 | Lg | 07:28:03.267 | -0.2 | | | | | T__ | | | | --- | | 6965043 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.66 | 185.7 | Pg | 07:28:10.592 | 0.1 | | | | | T__ | | 51.1 | | --- | ML | 1.6 | 6965045 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.66 | 185.7 | Lg | 07:28:19.289 | -0.7 | | | | | T__ | | | | --- | | 6965046 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.75 | 351.6 | Pg | 07:28:13.218 | 0.4 | | | | | T__ | | 58.7 | | --- | ML | 1.7 | 6965048 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.75 | 351.6 | Lg | 07:28:23.564 | -1.3 | | | | | T__ | | | | --- | | 6965047 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.87 | 284.7 | Lg | 07:28:27.019 | -1.0 | | | | | T__ | | | | --- | | 6965042 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LOT | 0.87 | 133.5 | Pg | 07:28:15.053 | 0.5 | | | | | T__ | | 71.3 | | --- | ML | 1.8 | 6965050 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.87 | 133.5 | Lg | 07:28:26.888 | -0.5 | | | | | T__ | | | | --- | | 6965049 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.98 | 243.9 | Pg | 07:28:18.096 | 1.2 | | | | | T__ | | 56.0 | | --- | ML | 1.8 | 6965041 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.98 | 243.9 | Lg | 07:28:29.425 | -1.2 | | | | | T__ | | | | --- | | 6965051 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/14 | 10:16:15.83 | 1.11 | 1.04 | 48.6348 | 21.4593 | 7.2 | 4.8 | 2 | 0.0f | | 16 | 10 | 104 | 0.37 | 2.03 | sx | BUD | 17003946 | BUD | | | 168 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

ML 1.8 0.1 6 BUD 17003946

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.37 | 203.4 | Pg | 10:16:24.052 | 0.6 | | | | | T__ | | 140.1 | | --- | ML | 1.5 | 6965184 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.37 | 203.4 | Lg | 10:16:28.999 | -0.9 | | | | | T__ | | | | --- | | 6965189 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.62 | 60.7 | Lg | 10:16:36.283 | -1.5 | | | | | T__ | | | | --- | | 6965190 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ | |
| JOS | 0.63 | 257.5 | Pg | 10:16:28.727 | 0.4 | | | | | T__ | | 76.8 | | --- | ML | 1.7 | 6965183 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.63 | 257.5 | Lg | 10:16:37.769 | -0.0 | | | | | T__ | | | | --- | | 6965191 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.66 | 257.2 | Pg | 10:16:29.647 | 0.5 | | | | | T__ | | 88.5 | | --- | ML | 1.8 | 6965185 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.66 | 257.2 | Lg | 10:16:38.982 | -0.1 | | | | | T__ | | | | --- | | 6965192 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.81 | 230.9 | Pg | 10:16:32.333 | -0.2 | | | | | T__ | | 50.4 | | --- | ML | 1.7 | 6965186 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.81 | 230.9 | Lg | 10:16:43.610 | -1.4 | | | | | T__ | | | | --- | | 6965193 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.88 | 124.6 | Pg | 10:16:33.699 | 0.8 | | | | | T__ | | 121.8 | | --- | ML | 2.1 | 6965195 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 0.88 | 124.6 | Lg | 10:16:45.242 | -2.1 | | | | | T__ | | | | --- | | 6965194 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 1.09 | 316.2 | Lg | 10:16:52.255 | -0.5 | | | | | T__ | | | | --- | | 6965196 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| PSZ | 1.27 | 236.1 | Sn | 10:16:58.110 | -1.0 | | | | | T__ | | | | --- | | 6965197 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| ET1H | 1.30 | 235.1 | Sn | 10:16:58.967 | -0.5 | | | | | T__ | | | | --- | | 6965198 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| DRGR | 2.03 | 154.9 | Pg | 10:16:55.519 | 0.5 | | | | | T__ | | 43.0 | | --- | ML | 2.3 | 6965188 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 2.03 | 154.9 | Sn | 10:17:18.764 | 1.2 | | | | | T__ | | | | --- | | 6965187 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/14 | 10:22:44.83 | 1.00 | 1.21 | 46.0066 | 22.8367 | 7.0 | 4.0 | 61 | 0.0f | | 12 | 6 | 136 | 0.13 | 0.94 | sx | BUD | 17003948 | BUD | | | 202 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.1 | 6 BUD | 17003948 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.13 | 159.3 | Pg | 10:22:47.562 | 0.2 | | | | | T__ | | 539.9 | | --- | ML | 1.4 | 6965235 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.13 | 159.3 | Lg | 10:22:49.317 | 0.1 | | | | | T__ | | | | --- | | 6965240 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.61 | 183.9 | Pg | 10:22:57.141 | 0.5 | | | | | T__ | | 107.4 | | --- | ML | 1.9 | 6965236 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.61 | 183.9 | Lg | 10:23:05.119 | -0.3 | | | | | T__ | | | | --- | | 6965241 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.79 | 353.7 | Pg | 10:23:01.555 | 0.8 | | | | | T__ | | 80.0 | | --- | ML | 1.8 | 6965239 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.79 | 353.7 | Lg | 10:23:10.172 | -2.7 | | | | | T__ | | | | --- | | 6965242 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.86 | 288.1 | Pg | 10:23:02.699 | 0.4 | | | | | T__ | | 50.4 | | --- | ML | 1.7 | 6965238 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| SIRR | 0.86 | 288.1 | Lg | 10:23:13.710 | -1.0 | T__ | | | | | | | | 6965244 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.86 | 130.2 | Pn | 10:23:03.514 | -0.5 | T__ | 238.1 | | | | | | | 6965237 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.86 | 130.2 | Lg | 10:23:12.185 | -1.7 | T__ | | | | | | | | 6965243 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.94 | 245.9 | Pg | 10:23:03.345 | 0.2 | T__ | 51.3 | | | | | | | 6965246 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.94 | 245.9 | Lg | 10:23:16.004 | -0.4 | T__ | | | | | | | | 6965245 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|---------------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|--------|-------|-----|-----|
| 2021/12/14 | 10:34:18.17 | 1.22 | 0.99 | 47.2413 | 18.3144 | 7.0 | 5.6 | 115 | 0.0f | | 9 | 7 | 109 | 0.13 | 1.23 | kx | BUD | 17003950 | BUD | | | 129 |
| 2021/12/14 | 10:34:18.34 | 0.96 | 0.98 | 47.2302 | 18.2835f | | | | 0.0f | | 9 | 7 | 107 | 0.13 | 1.26 | kx | BUD_GT | 17003951 | BUD_GT | | | 128 |
| (locality : Iszkaszentgyörgy Hungary) | | | | | | | | | | | | | | | | | | | | | | |
| (GT info : GT2 explosion) | | | | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CSKK | 0.13 | 353.3 | Lg | 10:34:23.990 | -0.8 | | | | | T__ | | | | | | 6965276 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| HU08A | 0.32 | 309.6 | Pg | 10:34:26.084 | 0.9 | | | | | T__ | | 94.2 | | | ML | 1.2 | 6965278 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.32 | 309.6 | Lg | 10:34:29.860 | -1.0 | | | | | T__ | | | | | | 6965277 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.51 | 263.5 | Pg | 10:34:29.750 | 0.8 | | | | | T__ | | 50.3 | | | ML | 1.4 | 6965280 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.51 | 263.5 | Lg | 10:34:36.398 | -0.6 | | | | | T__ | | | | | | 6965279 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.79 | 38.7 | Lg | 10:34:45.543 | -2.0 | | | | | T__ | | | | | | 6965281 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MORH | 1.05 | 166.2 | Lg | 10:34:53.950 | -0.4 | | | | | T__ | | | | | | 6965282 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.15 | 186.4 | Sn | 10:34:57.574 | -0.2 | | | | | T__ | | | | | | 6965283 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 1.26 | 58.3 | Sn | 10:35:00.696 | -0.1 | | | | | T__ | | | | | | 6965284 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/14 | 10:38:11.61 | 0.97 | 0.94 | 48.2151 | 19.7846 | 5.2 | 3.6 | 120 | 0.0f | | 14 | 9 | 92 | 0.31 | 1.25 | sx | BUD | 17003952 | BUD | | | 173 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 5 BUD | 17003952 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.31 | 166.0 | Pg | 10:38:19.116 | 0.6 | | | | | T__ | | 355.7 | | | ML | 1.7 | 6965314 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.31 | 166.0 | Lg | 10:38:22.972 | -0.9 | | | | | T__ | | | | | | 6965319 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.34 | 201.8 | Lg | 10:38:23.676 | -0.6 | | | | | T__ | | | | | | 6965320 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.34 | 170.2 | Pg | 10:38:19.708 | 0.6 | | | | | T__ | | 174.2 | | | ML | 1.5 | 6965322 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.34 | 170.2 | Lg | 10:38:24.176 | -0.5 | | | | | T__ | | | | | | 6965321 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 1.5 magdef=0
HU02A 0.50 100.3 Pg 10:38:22.438 0.1 T__ 92.2 --- ML 1.7 6965315 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 100.3 Lg 10:38:29.432 -1.1 T__ --- 6965323 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.54 59.9 Lg 10:38:30.360 -0.4 T__ --- 6965324 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.58 60.6 Pg 10:38:24.016 0.8 T__ 60.5 --- ML 1.6 6965316 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.58 60.6 Lg 10:38:31.569 -0.4 T__ --- 6965325 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.69 294.2 Lg 10:38:34.909 -1.0 T__ --- 6965326 FDSN SK -- BUD iLoc HHN ??? _
ABAH 0.98 84.7 Pn 10:38:33.002 1.7 T__ 78.7 --- ML 1.9 6965317 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.98 84.7 Lg 10:38:44.890 -1.3 T__ --- 6965318 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
NIE 1.25 15.6 Lg 10:38:52.978 -0.5 T__ --- 6965327 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/14 10:47:46.22 2.05 0.73 47.9837 19.6706 14.9 3.5 158 0.0f 7 4 225 0.09 0.59 kx BUD 17003954 BUD 308
2021/12/14 10:47:45.55 0.97 0.77 48.0061 19.6278f 0.0f 7 4 248 0.10 0.61 kx BUD_GT 17003955 BUD_GT 311
(locality : Nagylóc Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 3 BUD_GT 17003955

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.10 190.5 Pg 10:47:48.968 0.8 T__ 462.9 --- ML 1.3 6965363 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.10 190.5 Lg 10:47:49.952 -0.4 T__ --- 6965362 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.20 116.0 Pg 10:47:50.874 0.5 T__ 298.5 --- ML 1.3 6965364 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.20 116.0 Lg 10:47:53.268 -1.0 T__ --- 6965365 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ET1H 0.21 127.7 Pg 10:47:50.388 0.0 T__ 89.3 --- ML 0.8 6965360 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.21 127.7 Lg 10:47:53.540 -0.5 T__ --- 6965361 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
HU02A 0.61 78.7 Lg 10:48:07.094 -1.1 T__ --- 6965366 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/14 11:00:21.44 0.87 1.32 48.1469 17.0028 5.0 3.4 116 0.0f 14 8 85 0.29 1.27 sx BUD 17003956 BUD 137

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 5 BUD 17003956

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.29 38.9 Pg 11:00:28.453 0.6 T__ --- 6965421 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.29 38.9 Lg 11:00:32.096 -1.0 T__ --- 6965425 FDSN SK -- BUD iLoc HHN ??? _

```

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| RONA | 0.65 | 227.0 | Pg | 11:00:34.817 | 0.3 | T__ | 47.2 | ___ | ML | 1.5 | 6965426 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.65 | 227.0 | Lg | 11:00:42.158 | -1.1 | T__ | | --- | | | 6965427 | FDSN | OE | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.76 | 163.0 | Pg | 11:00:37.706 | 0.8 | T__ | 263.8 | ___ | ML | 2.3 | 6965429 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 0.76 | 163.0 | Lg | 11:00:47.227 | -0.9 | T__ | | --- | | | 6965428 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CONA | 0.80 | 254.5 | Pg | 11:00:37.451 | 0.2 | T__ | 71.2 | ___ | ML | 1.8 | 6965431 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.80 | 254.5 | Lg | 11:00:47.132 | -0.5 | T__ | | --- | | | 6965430 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JAVC | 0.84 | 31.7 | Lg | 11:00:49.937 | -1.8 | T__ | | --- | | | 6965432 | FDSN | CZ | -- | BUD | iLoc | HNN | ??? | _ |
| KRUC | 1.00 | 336.5 | Pg | 11:00:41.815 | 1.2 | T__ | 60.9 | ___ | ML | 1.8 | 6965433 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.00 | 336.5 | Lg | 11:00:55.180 | -0.3 | T__ | | --- | | | 6965422 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.04 | 159.4 | Lg | 11:00:56.999 | -0.3 | T__ | | --- | | | 6965434 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ |
| VYHS | 1.27 | 73.5 | Pn | 11:00:47.627 | 1.8 | T__ | 22.4 | ___ | ML | 1.6 | 6965424 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.27 | 73.5 | Sn | 11:01:02.201 | -2.7 | T__ | | --- | | | 6965423 | FDSN | SK | -- | BUD | iLoc | HNN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/14 | 11:16:39.05 | 3.51 | 0.41 | 48.4746 | 20.7245 | 22.0 | 8.4 | 68 | 0.0f | | 6 | 4 | 280 | 0.12 | 0.79 | sx | BUD | 17003958 | BUD | | | 305 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|------|-----|------|-----------|---------|---------|--------|-----|------|------|------|-----|-----|---|
| JOS | 0.12 | 279.9 | Pg | 11:16:41.662 | -0.1 | | | | | T__ | | 51.6 | | ___ | ML | 0.4 | 6965487 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.12 | 279.9 | Lg | 11:16:44.335 | 0.3 | | | | | T__ | | | | --- | | 6965489 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.16 | 273.2 | Pg | 11:16:42.559 | 0.1 | | | | | T__ | 106.4 | | ___ | ML | 0.8 | 6965490 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 0.16 | 273.2 | Lg | 11:16:45.159 | -0.0 | | | | | T__ | | | --- | | 6965488 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.38 | 200.8 | Lg | 11:16:53.783 | 0.3 | | | | | T__ | | | --- | | 6965491 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | | |
| PSZ | 0.79 | 225.2 | Lg | 11:17:07.116 | -0.5 | | | | | T__ | | | --- | | 6965492 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/14 | 11:32:37.39 | 1.04 | 1.60 | 48.8424 | 21.2235 | 6.8 | 4.1 | 158 | 0.0f | | 15 | 9 | 128 | 0.55 | 1.32 | sx | BUD | 17003960 | BUD | | | 208 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.2 | 5 BUD | 17003960 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.55 | 178.9 | Pg | 11:32:50.242 | 1.8 | | | | | T__ | | 89.5 | | ___ | ML | 1.8 | 6965523 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.55 | 178.9 | Lg | 11:32:55.720 | -1.9 | | | | | T__ | | | | --- | | 6965534 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |


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(Station ML: 1.8 magdef=1
JOS 0.57 232.8 Pg 11:32:49.795 1.0 T__ 63.1 --- ML 1.6 6965535 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.57 232.8 Lg 11:32:56.603 -0.8 T__ --- 6965536 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.61 234.0 Pg 11:32:49.602 0.1 T__ 106.3 --- ML 1.9 6965524 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.61 234.0 Lg 11:32:57.714 -0.9 T__ --- 6965537 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 0.70 82.1 Pg 11:32:51.226 0.4 T__ --- 6965525 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.70 82.1 Lg 11:33:00.747 -1.4 T__ --- 6965526 FDSN SK -- BUD iLoc HHN ??? _
NIE 0.84 313.9 Lg 11:33:05.376 0.3 T__ --- 6965527 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.86 213.1 Pg 11:32:55.638 0.6 T__ 39.8 --- ML 1.6 6965529 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.86 213.1 Lg 11:33:05.691 -2.5 T__ --- 6965528 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
TRPA 1.13 128.7 Pg 11:32:59.455 0.3 T__ 75.3 --- ML 2.0 6965530 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.13 128.7 Lg 11:33:14.189 -2.2 T__ --- 6965531 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
PSZ 1.28 224.3 Sn 11:33:18.732 -2.3 T__ --- 6965532 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.32 223.6 Sn 11:33:19.941 -1.6 T__ --- 6965533 FDSN HU -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/14 12:36:28.04 1.08 0.69 46.1368 16.4147 8.5 4.3 119 11.0f 11 7 141 0.33 1.35 ke BUD 17003962 BUD 196

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.4 4 BUD 17003962

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOGS 0.33 340.0 Pg 12:36:34.646 -0.3 T__ 134.1 --- ML 1.3 6965573 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.33 340.0 Lg 12:36:39.574 -0.0 T__ --- 6965569 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PTJ 0.39 233.7 Pg 12:36:35.763 -0.5 T__ 79.7 --- ML 1.3 6965574 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.39 233.7 Lg 12:36:42.021 -0.2 T__ --- 6965570 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
BEHE 0.42 36.7 Lg 12:36:43.210 0.6 T__ --- 6965575 FDSN HU -- BUD iLoc HHN ??? _
CRES 0.74 245.4 Pg 12:36:42.997 1.0 T__ 76.8 --- ML 1.8 6965577 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.74 245.4 Lg 12:36:53.529 0.3 T__ --- 6965576 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOVH 1.17 91.8 Pn 12:36:48.829 -0.4 T__ 49.5 --- ML 1.8 6965572 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.17 91.8 Lg 12:37:05.638 -0.2 T__ --- 6965571 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ARSA 1.27 331.5 Lg 12:37:08.689 0.3 T__ --- 6965578 FDSN OE -- BUD iLoc HHN ??? _
OBKA 1.35 286.7 Sn 12:37:11.615 1.3 T__ --- 6965579 FDSN OE -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/14 | 13:24:43.07 | 1.51 | 0.37 | 48.5368 | 20.8150 | 10.9 | 3.9 | 12 | 0.0f | 10 | 6 | 232 | 0.19 | 0.91 | sx | BUD | 17003964 | BUD | | | | 307 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.3 | 0.1 | 4 BUD | 17003964 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.19 | 257.5 | Pg | 13:24:46.796 | -0.2 | | | | | T__ | | 286.8 | | ___ | ML | 1.3 | 6965664 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.19 | 257.5 | Lg | 13:24:50.817 | 0.7 | | | | | T__ | | | | --- | | 6965668 | FDSN | ZJ | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.23 | 256.4 | Pg | 13:24:47.489 | -0.3 | | | | | T__ | | 600.7 | | ___ | ML | 1.7 | 6965665 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.23 | 256.4 | Lg | 13:24:51.835 | 0.4 | | | | | T__ | | | | --- | | 6965669 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 130.3 | Pg | 13:24:50.807 | 0.0 | | | | | T__ | | 90.0 | | ___ | ML | 1.3 | 6965666 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.37 | 130.3 | Lg | 13:24:57.018 | -0.3 | | | | | T__ | | | | --- | | 6965670 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.46 | 205.1 | Pg | 13:24:52.582 | -0.2 | | | | | T__ | | 34.4 | | ___ | ML | 1.1 | 6965667 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.46 | 205.1 | Lg | 13:25:00.424 | 0.2 | | | | | T__ | | | | --- | | 6965671 | FDSN | ZJ | 00 | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.87 | 225.2 | Lg | 13:25:14.523 | -0.1 | | | | | T__ | | | | --- | | 6965672 | FDSN | GE | -- | BUD | iLoc | HNN | ??? | _ | |
| ET1H | 0.91 | 224.2 | Lg | 13:25:15.690 | 0.2 | | | | | T__ | | | | --- | | 6965673 | FDSN | HU | -- | BUD | iLoc | HNN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/15 | 09:13:45.91 | 2.00 | 1.22 | 46.8460 | 22.8050 | 16.8 | 7.7 | 162 | 0.0f | 9 | 6 | 202 | 0.08 | 1.55 | sx | BUD | 17003968 | BUD | | | | 279 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.3 | 3 BUD | 17003968 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DRGR | 0.08 | 229.8 | Pg | 09:13:48.336 | 0.3 | | | | | T__ | | 267.8 | | _c_ | ML | 1.0 | 6965833 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.08 | 229.8 | Lg | 09:13:49.262 | -0.6 | | | | | T__ | | | | --- | | 6965838 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.98 | 234.2 | Lg | 09:14:18.601 | -1.1 | | | | | T__ | | | | --- | | 6965839 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| ARCR | 1.09 | 76.7 | Lg | 09:14:21.452 | -1.2 | | | | | T__ | | | | --- | | 6965834 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| GZR | 1.45 | 180.8 | Pg | 09:14:14.298 | 0.8 | | | | | T__ | | 47.3 | | ___ | ML | 2.0 | 6965840 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 1.45 | 180.8 | Lg | 09:14:32.494 | -1.1 | | | | | T__ | | | | --- | | 6965835 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 1.48 | 214.3 | Sn | 09:14:33.115 | -0.5 | | | | | T__ | | | | --- | | 6965841 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| LOT | 1.55 | 154.0 | Pn | 09:14:14.542 | -0.0 | | | | | T__ | | 65.4 | | ___ | ML | 2.2 | 6965837 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 1.55 | 154.0 | Sn | 09:14:34.536 | -1.9 | | | | | T__ | | | | --- | | 6965836 | FDSN | RO | -- | BUD | iLoc | HNN | ??? | _ | |
| (Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|-----|-------|-----|-----|

2021/12/15 09:21:03.72 1.01 0.79 46.9697 17.3077 7.8 4.2 147 0.0f 7 5 137 0.11 1.19 sx BUD 17003970 BUD 228

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A261A | 0.11 | 260.8 | Pg | 09:21:07.077 | 0.5 | | | | | T__ | | 5086.6 | | --- | ML | 2.3 | 6965866 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A261A | 0.11 | 260.8 | Lg | 09:21:08.193 | -0.8 | | | | | T__ | | | | --- | | 6965867 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 0.26 | 38.2 | Pg | 09:21:09.969 | 0.5 | | | | | T__ | | 283.5 | | --- | ML | 1.5 | 6965870 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.26 | 38.2 | Lg | 09:21:13.101 | -1.0 | | | | | T__ | | | | --- | | 6965871 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A263A | 0.33 | 179.1 | Lg | 09:21:15.511 | -0.5 | | | | | T__ | | | | --- | | 6965872 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOVH | 1.04 | 147.9 | Lg | 09:21:38.842 | -0.4 | | | | | T__ | | | | --- | | 6965873 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| MORH | 1.19 | 128.9 | Sn | 09:21:43.563 | -0.2 | | | | | T__ | | | | --- | | 6965874 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/12/15 10:24:47.27 1.05 1.13 48.5412 20.7916 6.5 3.7 7 0.0f 14 9 87 0.17 1.30 sx BUD 17003974 BUD 158

Magnitude Err Nsta Author OrigID
 ML 1.8 0.0 5 BUD 17003974

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 254.9 | Pg | 10:24:51.608 | 0.7 | | | | | T__ | | 206.2 | | --- | ML | 1.1 | 6965980 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 254.9 | Lg | 10:24:54.250 | 0.4 | | | | | T__ | | | | --- | | 6965984 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 254.2 | Pg | 10:24:52.111 | 0.4 | | | | | T__ | | 815.4 | | --- | ML | 1.8 | 6965981 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.21 | 254.2 | Lg | 10:24:55.298 | 0.1 | | | | | T__ | | | | --- | | 6965985 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.39 | 129.2 | Pg | 10:24:56.199 | 0.9 | | | | | T__ | | 79.8 | | --- | ML | 1.3 | 6965982 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.39 | 129.2 | Lg | 10:25:00.803 | -1.2 | | | | | T__ | | | | --- | | 6965986 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.46 | 203.1 | Lg | 10:25:03.885 | -0.5 | | | | | T__ | | | | --- | | 6965987 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.87 | 224.2 | Pg | 10:25:04.790 | -0.7 | | | | | T__ | | 61.1 | | --- | ML | 1.8 | 6965983 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.87 | 224.2 | Lg | 10:25:17.238 | -1.3 | | | | | T__ | | | | --- | | 6965988 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.90 | 223.2 | Pn | 10:25:06.115 | 0.0 | | | | | T__ | | 66.2 | | --- | ML | 1.8 | 6965991 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.90 | 223.2 | Lg | 10:25:18.618 | -0.8 | | | | | T__ | | | | --- | | 6965990 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.94 | 339.9 | Lg | 10:25:17.244 | -1.0 | | | | | T__ | | | | --- | | 6965989 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| KOLS | 1.06 | 67.6 | Lg | 10:25:21.566 | -2.2 | | | | | T__ | | | | --- | | 6965992 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.30 | 268.6 | Sn | 10:25:30.024 | -1.3 | | | | | T__ | | | | --- | | 6965993 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2021/12/15 10:33:04.60 0.97 0.65 48.2149 19.8738 5.5 3.7 141 0.0f 11 8 81 0.30 1.24 sx BUD 17003976 BUD 162

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 4 BUD 17003976

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| PSZ | 0.30 | 177.3 | Pg | 10:33:12.169 | 0.8 | | | | | T__ | | 196.5 | | --- | ML | 1.4 6966033 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.30 | 177.3 | Lg | 10:33:15.874 | -0.7 | | | | | T__ | | | | --- | | 6966034 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.34 | 180.3 | Pg | 10:33:12.076 | 0.1 | | | | | T__ | | 104.1 | | --- | ML | 1.3 6966035 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.36 | 210.7 | Pg | 10:33:13.007 | 0.6 | | | | | T__ | | 174.8 | | --- | ML | 1.5 6966026 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU03A | 0.36 | 210.7 | Lg | 10:33:17.502 | -0.6 | | | | | T__ | | | | --- | | 6966025 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.45 | 101.8 | Pg | 10:33:14.308 | 0.2 | | | | | T__ | | 54.8 | | --- | ML | 1.3 6966027 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.45 | 101.8 | Lg | 10:33:20.600 | -0.9 | | | | | T__ | | | | --- | | 6966029 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.49 | 56.4 | Lg | 10:33:21.925 | -0.1 | | | | | T__ | | | | --- | | 6966030 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| JOS | 0.53 | 57.4 | Lg | 10:33:23.269 | 0.0 | | | | | T__ | | | | --- | | 6966031 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 0.75 | 292.4 | Lg | 10:33:29.921 | -0.8 | | | | | T__ | | | | --- | | 6966032 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| NIE | 1.24 | 13.0 | Lg | 10:33:45.744 | -0.3 | | | | | T__ | | | | --- | | 6966028 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/15 11:14:46.83 1.10 0.98 48.3486 18.1582 8.3 3.9 179 0.0f 11 7 171 0.47 1.59 sx BUD 17003978 BUD 188

Magnitude Err Nsta Author OrigID
ML 2.0 0.2 4 BUD 17003978

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| VYHS | 0.47 | 71.9 | Pg | 11:14:57.063 | 0.5 | | | | | T__ | | 25.2 | | --- | ML | 1.0 6966067 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.47 | 71.9 | Lg | 11:15:02.784 | -0.9 | | | | | T__ | | | | --- | | 6966068 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.59 | 272.8 | Pg | 11:14:59.480 | 0.5 | | | | | T__ | | | | --- | | 6966065 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ |
| MODS | 0.59 | 272.8 | Lg | 11:15:07.243 | -1.1 | | | | | T__ | | | | --- | | 6966069 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| JAVC | 0.60 | 327.8 | Pg | 11:15:00.319 | 0.9 | | | | | T__ | | 117.4 | | --- | ML | 1.9 6966066 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JAVC | 0.60 | 327.8 | Lg | 11:15:07.973 | -1.1 | | | | | T__ | | | | --- | | 6966070 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KRUC | 1.37 | 302.1 | Sn | 11:15:31.801 | -0.8 | | | | | T__ | | | | --- | | 6966071 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| MORC | 1.49 | 344.4 | Pn | 11:15:15.153 | 0.8 | | | | | T__ | | 82.0 | | --- | ML | 2.2 6966073 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 1.49 | 344.4 | Lg | 11:15:34.221 | -0.9 | | | | | T__ | | | | --- | | 6966072 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.59 | 83.8 | Sn | 11:15:37.586 | -0.4 | | | | | T__ | | | | --- | | 6966074 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| CONA | 1.59 | 255.6 | Pn | 11:15:16.779 | 0.8 | | | | | T__ | | 62.2 | | --- | ML | 2.2 6966075 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/15 | 14:08:33.23 | 0.97 | 1.39 | 47.8954 | 16.4677 | 6.8 | 3.7 | 132 | 0.0f | | 9 | 6 | 162 | 0.23 | 1.17 | sx | BUD | 17003982 | BUD | | | 212 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| RONA | 0.23 | 210.6 | Pg | 14:08:37.418 | -0.6 | | | | | T__ | | 58.6 | | ___ | ML | 0.7 | 6966280 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.23 | 210.6 | Lg | 14:08:41.422 | 0.0 | | | | | T__ | | | | --- | | 6966279 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.41 | 274.8 | Pg | 14:08:41.501 | 0.0 | | | | | T__ | | 61.2 | | ___ | ML | 1.2 | 6966278 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.41 | 274.8 | Lg | 14:08:46.813 | -0.2 | | | | | T__ | | | | --- | | 6966281 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.72 | 48.3 | Pg | 14:08:49.459 | 1.3 | | | | | T__ | | | | --- | | 6966285 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.72 | 48.3 | Lg | 14:08:57.786 | -1.7 | | | | | T__ | | | | --- | | 6966284 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.91 | 225.1 | Lg | 14:09:03.945 | 1.7 | | | | | T__ | | | | --- | | 6966282 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| AO18A | 0.95 | 261.3 | Lg | 14:09:04.398 | 0.8 | | | | | T__ | | | | --- | | 6966283 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.17 | 357.7 | Lg | 14:09:11.251 | -1.6 | | | | | T__ | | | | --- | | 6966286 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/16 | 07:34:16.12 | 0.91 | 0.93 | 48.6738 | 20.2431 | 4.2 | 3.6 | 54 | 0.0f | | 17 | 9 | 116 | 0.25 | 0.95 | sx | BUD | 17003984 | BUD | | | 219 |

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 8 BUD 17003984

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.25 | 139.7 | Pg | 07:34:21.841 | 0.6 | | | | | T__ | | 1487.8 | | ___ | ML | 2.2 | 6966472 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.25 | 139.7 | Lg | 07:34:25.389 | 0.1 | | | | | T__ | | | | --- | | 6966480 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.27 | 132.1 | Pg | 07:34:22.120 | 0.6 | | | | | T__ | | 304.0 | | _c_ | ML | 1.5 | 6966471 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.27 | 132.1 | Lg | 07:34:25.746 | -0.0 | | | | | T__ | | | | --- | | 6966481 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.58 | 161.1 | Pg | 07:34:28.915 | 0.6 | | | | | T__ | | 58.7 | | ___ | ML | 1.6 | 6966482 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.58 | 161.1 | Lg | 07:34:36.771 | -0.8 | | | | | T__ | | | | --- | | 6966483 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.75 | 2.8 | Pg | 07:34:30.689 | 0.5 | | | | | T__ | | 39.9 | | ___ | ML | 1.5 | 6966476 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.75 | 2.8 | Lg | 07:34:40.111 | -0.8 | | | | | T__ | | | | --- | | 6966477 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.76 | 119.3 | Pg | 07:34:31.960 | 0.7 | | | | | T__ | | 73.3 | | ___ | ML | 1.8 | 6966484 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.76 | 119.3 | Lg | 07:34:41.056 | -2.8 | | | | | T__ | | | | --- | | 6966473 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.79 | 197.2 | Pg | 07:34:33.106 | 0.2 | | | | | T__ | | 100.5 | | ___ | ML | 1.9 | 6966474 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.79 | 197.2 | Lg | 07:34:44.016 | -0.8 | | | | | T__ | | | | --- | | 6966485 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.83 197.5 Pg 07:34:33.943 0.4 T__ 60.7 ___ ML 1.7 6966475 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.83 197.5 Lg 07:34:45.410 -0.4 T__ ___ 6966486 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU03A 0.88 209.4 Lg 07:34:47.001 -0.4 T__ ___ 6966487 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.95 259.6 Pg 07:34:35.648 0.3 T__ ___ ML 1.4 6966478 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.95 259.6 Lg 07:34:48.633 -0.4 T__ ___ 6966479 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/16 08:42:36.06 1.01 0.87 47.9697 16.6896 5.9 4.5 131 0.0f 11 8 83 0.30 1.11 sx BUD 17003986 BUD 153

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.5 3 BUD 17003986

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SOP 0.30 197.2 Lg 08:42:45.314 -1.4 T__ ___ 6966553 FDSN HU -- BUD iLoc HHN ??? _
RONA 0.38 224.6 Pg 08:42:44.447 0.6 T__ 63.4 ___ ML 1.2 6966561 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.38 224.6 Lg 08:42:49.009 -0.1 T__ ___ 6966560 FDSN OE -- BUD iLoc HHZ ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CONA 0.56 266.0 Pg 08:42:47.504 0.3 T__ 50.2 ___ ML 1.5 6966562 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.56 266.0 Lg 08:42:54.119 -0.5 T__ ___ 6966563 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MODS 0.56 44.0 Lg 08:42:56.864 -0.1 T__ ___ 6966554 FDSN SK -- BUD iLoc HHN ??? _
HU08A 0.99 122.4 Lg 08:43:10.989 -0.3 T__ ___ 6966556 FDSN ZJ 00 BUD iLoc HHN ??? _
ARSA 1.07 228.1 Lg 08:43:09.924 -0.2 T__ ___ 6966555 FDSN OE -- BUD iLoc HHN ??? _
JAVC 1.10 35.9 Pn 08:42:58.896 0.5 T__ 101.0 ___ ML 2.1 6966559 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.10 35.9 Sn 08:43:14.082 -1.5 T__ ___ 6966558 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KRUC 1.11 350.0 Lg 08:43:12.830 -0.9 T__ ___ 6966557 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/16 08:57:47.33 1.43 1.14 47.9541 20.3594 13.4 3.5 144 0.0f 10 6 197 0.20 0.68 kx BUD 17003988 BUD 223
2021/12/16 08:57:47.61 0.93 1.05 47.9767 20.3679f 0.0f 10 6 192 0.18 0.67 kx BUD_GT 17003989 BUD_GT 218

```

```

(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.3 4 BUD_GT 17003989

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.18 35.8 Pg 08:57:52.717 0.8 T__ 328.4 ___ ML 1.3 6966591 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.18 35.8 Lg 08:57:55.134 -0.3 T__ ___ 6966593 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1

```

```

(Station ML: 1.3 magdef=1
PSZ 0.32 259.8 Lg 08:57:58.742 -1.8 T__
ET1H 0.35 253.9 Pg 08:57:55.371 0.1 T__ 61.3 --- ML 1.1 6966596 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.35 253.9 Lg 08:57:59.709 -1.2 T__ --- 6966595 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.51 8.8 Pg 08:57:58.924 0.9 T__ 101.8 --- ML 1.7 6966598 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.51 8.8 Lg 08:58:05.618 -0.3 T__ --- 6966597 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.53 12.4 Pg 08:57:59.366 1.0 T__ 58.7 --- ML 1.5 6966592 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 12.4 Lg 08:58:06.371 -0.2 T__ --- 6966599 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.67 61.0 Lg 08:58:10.677 -1.5 T__ --- 6966600 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/16 09:18:16.11 3.43 0.53 46.7325 22.9926 29.0 11.7 58 0.0f 7 4 259 0.20 1.47 sx BUD 17003990 BUD 302

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.4 3 BUD 17003990

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.20 287.1 Pg 09:18:20.470 -0.0 T__ 74.5 --- ML 0.7 6966625 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.20 287.1 Lg 09:18:24.127 -0.1 T__ --- 6966630 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SIRR 1.03 243.7 Pn 09:18:37.676 0.8 T__ 39.1 --- ML 1.7 6966629 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 1.03 243.7 Lg 09:18:51.622 0.2 T__ --- 6966628 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
GZR 1.35 186.5 Pn 09:18:41.957 0.3 T__ 49.2 --- ML 1.9 6966627 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.35 186.5 Lg 09:18:59.994 -0.4 T__ --- 6966626 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BZS 1.47 221.1 Sn 09:19:03.958 0.4 T__ --- 6966631 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/16 09:25:28.35 0.79 1.09 48.3511 19.0294 3.8 3.0 22 0.0f 31 18 71 0.19 1.73 sx BUD 17003992 BUD 115

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.2 12 BUD 17003992

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.19 318.1 Pg 09:25:33.145 0.6 T__ 230.1 _c_ ML 1.2 6966691 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.19 318.1 Lg 09:25:35.779 0.1 T__ --- 6966692 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU10A 0.51 180.8 Pg 09:25:39.951 1.0 T__ 269.5 --- ML 2.1 6966694 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.51 180.8 Lg 09:25:46.955 -0.2 T__ --- 6966693 FDSN ZJ 00 BUD iLoc HHN ??? _

```

| |
|--|
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 HU03A 0.59 139.3 Pg 09:25:41.210 0.5 T__ 169.6 --- ML 2.1 6966695 FDSN ZJ 00 BUD iLoc HHZ HHZ _ HU03A 0.59 139.3 Lg 09:25:49.578 -0.1 T__ --- 6966696 FDSN ZJ 00 BUD iLoc HHN ??? _ (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 SR0 0.72 222.0 Lg 09:25:52.973 -1.7 T__ --- 6966699 FDSN SK -- BUD iLoc EHN ??? _ PSZ 0.72 126.4 Pg 09:25:43.930 0.2 T__ --- ML 1.9 6966698 FDSN GE -- BUD iLoc HHZ HHZ _ PSZ 0.72 126.4 Lg 09:25:53.724 -1.1 T__ --- 6966697 FDSN GE -- BUD iLoc HHN ??? _ (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 ET1H 0.74 129.6 Pg 09:25:44.767 0.9 T__ --- ML 1.9 6966689 FDSN HU -- BUD iLoc HHZ HHZ _ ET1H 0.74 129.6 Lg 09:25:54.096 -0.7 T__ --- 6966690 FDSN HU -- BUD iLoc HHE ??? _ (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 HU09A 0.83 211.6 Lg 09:25:57.666 -1.0 T__ --- 6966700 FDSN ZJ 00 BUD iLoc HHN ??? _ KECS 0.98 81.7 Pg 09:25:47.975 0.2 T__ --- ML 2.3 6966688 FDSN SK -- BUD iLoc EHZ EHZ _ KECS 0.98 81.7 Lg 09:26:01.921 -0.7 T__ --- 6966701 FDSN SK -- BUD iLoc EHN ??? _ (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0 JOS 1.02 81.2 Pg 09:25:48.442 -0.0 T__ --- ML 2.0 6966687 FDSN ZJ -- BUD iLoc HHZ HHZ _ JOS 1.02 81.2 Lg 09:26:03.070 -0.7 T__ --- 6966702 FDSN ZJ -- BUD iLoc HHN ??? _ (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 HU02A 1.03 102.3 Pn 09:25:49.655 0.6 T__ --- ML 1.9 6966705 FDSN ZJ 00 BUD iLoc HHZ HHZ _ HU02A 1.03 102.3 Lg 09:26:03.539 -1.5 T__ --- 6966706 FDSN ZJ 00 BUD iLoc HHN ??? _ (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 JAVC 1.04 299.9 Pg 09:25:49.730 0.3 T__ --- ML 2.2 6966704 FDSN CZ -- BUD iLoc HHZ HHZ _ JAVC 1.04 299.9 Lg 09:26:03.490 -1.7 T__ --- 6966703 FDSN CZ -- BUD iLoc HHN ??? _ (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1 CSKK 1.12 207.9 Pn 09:25:51.245 1.0 T__ --- ML 2.5 6966708 FDSN HU -- BUD iLoc HHZ HHZ _ CSKK 1.12 207.9 Sn 09:26:06.369 -1.3 T__ --- 6966707 FDSN HU -- BUD iLoc HHN ??? _ (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=0 MODS 1.17 271.8 Pn 09:25:51.924 0.6 T__ --- 6966709 FDSN SK -- BUD iLoc HHZ HHZ _ MODS 1.17 271.8 Sn 09:26:07.358 -2.0 T__ --- 6966710 FDSN SK -- BUD iLoc HHN ??? _ HU08A 1.18 219.4 Sn 09:26:07.996 -1.2 T__ --- 6966711 FDSN ZJ 00 BUD iLoc HHN ??? _ NIE 1.36 37.7 Pn 09:25:55.993 2.1 T__ --- ML 2.0 6966713 FDSN PL -- BUD iLoc BHZ BHZ _ NIE 1.36 37.7 Lg 09:26:13.224 -0.3 T__ --- 6966712 FDSN PL -- BUD iLoc BHN ??? _ (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 ABAH 1.48 91.3 Pg 09:25:58.229 1.0 T__ --- ML 2.2 6966715 FDSN HU -- BUD iLoc HHZ HHZ _ ABAH 1.48 91.3 Sn 09:26:16.576 0.4 T__ --- 6966714 FDSN HU -- BUD iLoc HHN ??? _ (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1 MPLH 1.55 220.9 Sn 09:26:18.171 -0.1 T__ --- 6966716 FDSN HU -- BUD iLoc HHN ??? _ MORC 1.73 326.1 Sn 09:26:21.634 -2.1 T__ --- 6966717 FDSN CZ -- BUD iLoc HHN ??? _ |
|--|

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/16 | 09:31:05.18 | 1.37 | 0.77 | 47.7308 | 18.5917 | 8.6 | 4.6 | 102 | 0.0f | 12 | 7 | 199 | 0.17 | 0.91 | sx | BUD | 17003994 | BUD | | | 277 | |

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 5 BUD 17003994

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| HU09A | 0.17 | 237.0 | Pg | 09:31:08.968 | -0.1 | | | | | T__ | | 2318.0 | | --- | ML | 2.1 6966834 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU09A | 0.17 | 237.0 | Lg | 09:31:11.569 | -1.0 | | | | | T__ | | | | --- | | 6966833 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| SR0 | 0.21 | 293.8 | Pg | 09:31:10.402 | 0.7 | | | | | T__ | | 2153.5 | | --- | ML | 2.2 6966832 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| SR0 | 0.21 | 293.8 | Lg | 09:31:13.827 | 0.1 | | | | | T__ | | | | --- | | 6966835 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 2.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.43 | 211.5 | Pg | 09:31:14.713 | 0.6 | | | | | T__ | | 197.0 | | --- | ML | 1.8 6966827 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| CSKK | 0.43 | 211.5 | Lg | 09:31:21.192 | -0.5 | | | | | T__ | | | | --- | | 6966828 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.54 | 236.7 | Pg | 09:31:15.688 | -0.6 | | | | | T__ | | 103.4 | | --- | ML | 1.8 6966825 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU08A | 0.54 | 236.7 | Lg | 09:31:24.249 | -1.0 | | | | | T__ | | | | --- | | 6966829 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.78 | 12.0 | Lg | 09:31:31.861 | -0.8 | | | | | T__ | | | | --- | | 6966826 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| MPLH | 0.91 | 232.2 | Pg | 09:31:24.432 | 1.0 | | | | | T__ | | 75.0 | | --- | ML | 1.9 6966831 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 0.91 | 232.2 | Lg | 09:31:36.660 | -0.1 | | | | | T__ | | | | --- | | 6966830 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| EGYH | 0.91 | 250.3 | Lg | 09:31:37.439 | 0.6 | | | | | T__ | | | | --- | | 6966836 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2021/12/16 09:38:11.64 1.50 0.54 48.4932 20.8033 10.7 5.9 21 0.0f 10 7 213 0.18 1.31 sx BUD 17003996 BUD 295

Magnitude Err Nsta Author OrigID
 ML 1.4 0.6 3 BUD 17003996

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|
| JOS | 0.18 | 270.9 | Pg | 09:38:15.619 | 0.3 | | | | | T__ | | 99.7 | | _c_ | ML | 0.8 6966868 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.18 | 270.9 | Lg | 09:38:18.285 | -0.0 | | | | | T__ | | | | --- | | 6966870 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 267.4 | Pg | 09:38:16.012 | -0.1 | | | | | T__ | | 300.2 | | --- | ML | 1.4 6966869 | FDSN | SK | -- | BUD | iLoc | EHN | EHZ | _ |
| KECS | 0.21 | 267.4 | Lg | 09:38:19.475 | -0.1 | | | | | T__ | | | | --- | | 6966871 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.35 | 124.0 | Lg | 09:38:24.999 | -0.2 | | | | | T__ | | | | --- | | 6966872 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| HU02A | 0.42 | 206.7 | Lg | 09:38:27.998 | 0.6 | | | | | T__ | | | | --- | | 6966873 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| PSZ | 0.84 | 226.9 | Pn | 09:38:29.587 | -0.1 | | | | | T__ | | 67.9 | | --- | ML | 1.8 6966875 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.84 | 226.9 | Lg | 09:38:41.240 | -0.7 | | | | | T__ | | | | --- | | 6966874 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.88 | 225.8 | Lg | 09:38:42.689 | -0.2 | | | | | T__ | | | | --- | | 6966876 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| VYHS | 1.31 | 270.8 | Sn | 09:38:54.845 | -1.0 | | | | | T__ | | | | --- | | 6966877 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/16 | 10:31:06.79 | 1.26 | 0.82 | 48.4801 | 20.7946 | 7.4 | 5.6 | 32 | 0.0f | 8 | 6 | 140 | 0.17 | 0.99 | sx | BUD | 17003998 | BUD | | | | 225 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 275.4 | Pg | 10:31:10.685 | 0.3 | | | | | T__ | | 184.3 | | ___ | ML | 1.0 | 6966917 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 275.4 | Lg | 10:31:13.035 | -0.3 | | | | | T__ | | | | ___ | | 6966921 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 271.0 | Pg | 10:31:11.085 | -0.0 | | | | | T__ | | 459.1 | | ___ | ML | 1.5 | 6966918 | FDSN | SK | -- | BUD | iLoc | EHN | EHZ | _ |
| KECS | 0.21 | 271.0 | Lg | 10:31:14.334 | -0.2 | | | | | T__ | | | | ___ | | 6966922 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| | | | | (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.35 | 121.7 | Lg | 10:31:19.814 | -0.4 | | | | | T__ | | | | ___ | | 6966923 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | |
| HU02A | 0.40 | 206.8 | Lg | 10:31:23.163 | 1.1 | | | | | T__ | | | | ___ | | 6966924 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ | |
| PSZ | 0.82 | 227.3 | Lg | 10:31:35.377 | -1.3 | | | | | T__ | | | | ___ | | 6966919 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.99 | 341.0 | Lg | 10:31:39.877 | 0.2 | | | | | T__ | | | | ___ | | 6966920 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/16 | 12:32:19.99 | 1.35 | 0.48 | 47.8841 | 16.0907 | 11.1 | 3.9 | 32 | 0.0f | 8 | 4 | 216 | 0.16 | 0.74 | sx | BUD | 17004002 | BUD | | | | 285 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.4 | 4 BUD | 17004002 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.16 | 286.1 | Pg | 12:32:23.225 | -0.2 | | | | | T__ | | 257.7 | | ___ | ML | 1.2 | 6966977 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.16 | 286.1 | Lg | 12:32:25.833 | -0.0 | | | | | T__ | | | | ___ | | 6966978 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.23 | 143.0 | Pg | 12:32:24.913 | 0.0 | | | | | T__ | | 105.8 | | ___ | ML | 1.0 | 6966980 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.23 | 143.0 | Lg | 12:32:28.288 | -0.0 | | | | | T__ | | | | ___ | | 6966979 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.70 | 258.7 | Pg | 12:32:33.736 | 0.2 | | | | | T__ | | 66.8 | | ___ | ML | 1.7 | 6966981 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.70 | 258.7 | Lg | 12:32:43.173 | 0.9 | | | | | T__ | | | | ___ | | 6966982 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.74 | 211.4 | Pg | 12:32:34.196 | -0.1 | | | | | T__ | | 66.0 | | ___ | ML | 1.7 | 6966984 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.74 | 211.4 | Lg | 12:32:43.173 | -0.5 | | | | | T__ | | | | ___ | | 6966983 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/16 | 12:34:04.06 | 1.31 | 0.45 | 47.8851 | 16.0742 | 12.0 | 3.9 | 31 | 0.0f | 9 | 6 | 130 | 0.15 | 1.50 | sx | BUD | 17004004 | BUD | | | | 200 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.0 | 0.2 | 3 BUD | 17004004 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.15 | 286.9 | Pg | 12:34:07.355 | 0.1 | | | | | T__ | | 184.8 | | --- | ML | 1.0 | 6967011 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.15 | 286.9 | Lg | 12:34:09.385 | -0.2 | | | | | T__ | | | | --- | | 6967015 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.24 | 141.0 | Pg | 12:34:09.431 | 0.3 | | | | | T__ | | 75.0 | | --- | ML | 0.8 | 6967012 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.24 | 141.0 | Lg | 12:34:11.926 | -0.7 | | | | | T__ | | | | --- | | 6967016 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.69 | 258.5 | Pg | 12:34:17.629 | 0.2 | | | | | T__ | | 68.8 | | --- | ML | 1.7 | 6967017 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.69 | 258.5 | Lg | 12:34:26.120 | 0.1 | | | | | T__ | | | | --- | | 6967018 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.74 | 210.6 | Lg | 12:34:27.329 | -0.3 | | | | | T__ | | | | --- | | 6967019 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.20 | 10.2 | Sn | 12:34:44.482 | 0.0 | | | | | T__ | | | | --- | | 6967013 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |
| CKRC | 1.50 | 309.1 | Sn | 12:34:51.610 | -0.7 | | | | | T__ | | | | --- | | 6967014 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/16 | 12:35:34.92 | 1.09 | 0.83 | 47.8604 | 16.0591 | 10.1 | 4.3 | 40 | 0.0f | | 6 | 5 | 124 | 0.15 | 1.22 | sx | BUD | 17004006 | BUD | | | 200 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.8 | 0.1 | 3 BUD | 17004006 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.15 | 297.2 | Pg | 12:35:37.992 | -0.1 | | | | | T__ | | 119.2 | | --- | ML | 0.8 | 6967041 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.23 | 135.1 | Pg | 12:35:39.910 | 0.2 | | | | | T__ | | 58.6 | | --- | ML | 0.7 | 6967043 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.23 | 135.1 | Lg | 12:35:42.519 | -0.6 | | | | | T__ | | | | --- | | 6967042 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| A008A | 0.58 | 332.0 | Pg | 12:35:46.432 | 0.4 | | | | | T__ | | 88.9 | | --- | ML | 1.8 | 6967044 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| | | | | (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.71 | 210.9 | Lg | 12:35:57.941 | 0.3 | | | | | T__ | | | | --- | | 6967045 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ | |
| KRUC | 1.22 | 10.4 | Sn | 12:36:14.782 | -1.2 | | | | | T__ | | | | --- | | 6967046 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|--------|----------|-------|-----|-----|-----|
| 2021/12/16 | 22:07:38.28 | 1.20 | 0.85 | 46.1668 | 21.7275 | 13.3 | 4.9 | 98 | 5.8 | | 22.6 | 8 | 4 | 146 | 0.11 | 1.07 | ke | BUD | 17004008 | BUD | | | 219 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.4 | 4 BUD | 17004008 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|----------------------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SIRR | 0.11 | 335.0 | Pg | 22:07:41.309 | 0.3 | | | | | T__ | | 88.1 | | --- | ML | 0.6 | 6967071 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.11 | 335.0 | Lg | 22:07:42.767 | -0.5 | | | | | T__ | | | | --- | | 6967072 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| | | | | (Station ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.56 | 188.0 | Pg | 22:07:49.412 | 0.2 | | | | | T__ | | 33.1 | | --- | ML | 1.3 | 6967078 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.56 | 188.0 | Lg | 22:07:56.313 | -0.8 | | | | | T__ | | | | --- | | 6967073 | FDSN | RO | -- | BUD | iLoc | HHZ | ??? | _ | |

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
DRGR 0.92 47.0 Pg 22:07:56.504 -0.1 T__ 70.8 ___ ML 1.9 6967074 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.92 47.0 Lg 22:08:08.857 -0.7 T__ ___ 6967075 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
GZR 1.07 136.1 Pn 22:08:00.149 1.1 T__ 47.9 ___ ML 1.8 6967077 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.07 136.1 Lg 22:08:13.960 0.5 T__ ___ 6967076 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/17 | 07:36:59.61 | 0.81 | 0.66 | 48.6082 | 18.5111 | 5.5 | 3.1 | 32 | 0.0f | | 22 | 13 | 82 | 0.24 | 1.45 | sx | BUD | 17004010 | BUD | | | 122 |

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.1 9 BUD 17004010

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|
| VYHS | 0.24 | 117.8 | Pg | 07:37:04.892 | 0.1 | | | | | T__ | | 117.3 | | ___ | ML | 1.0 6967125 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | |
| VYHS | 0.24 | 117.8 | Lg | 07:37:08.984 | 0.3 | | | | | T__ | | | | ___ | | 6967124 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A338A | 0.60 | 190.2 | Lg | 07:37:21.874 | 0.1 | | | | | T__ | | | | ___ | | 6967128 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| JAVC | 0.61 | 294.6 | Pg | 07:37:12.565 | 0.3 | | | | | T__ | | 99.8 | | ___ | ML | 1.8 6967126 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JAVC | 0.61 | 294.6 | Lg | 07:37:21.567 | -0.4 | | | | | T__ | | | | ___ | | 6967127 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU10A | 0.84 | 155.9 | Lg | 07:37:29.240 | -0.7 | | | | | T__ | | | | ___ | | 6967129 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.85 | 254.5 | Lg | 07:37:29.751 | -0.3 | | | | | T__ | | | | ___ | | 6967130 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.15 | 126.2 | Pn | 07:37:23.409 | 1.1 | | | | | T__ | | 73.8 | | ___ | ML | 2.0 6967131 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 1.15 | 126.2 | Sn | 07:37:39.368 | -1.0 | | | | | T__ | | | | ___ | | 6967132 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.17 | 128.2 | Pn | 07:37:23.409 | 1.1 | | | | | T__ | | 56.3 | | ___ | ML | 1.9 6967134 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ET1H | 1.17 | 128.2 | Sn | 07:37:39.265 | -0.9 | | | | | T__ | | | | ___ | | 6967133 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 1.32 | 94.7 | Pn | 07:37:24.125 | -0.3 | | | | | T__ | | 82.0 | | ___ | ML | 2.1 6967135 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 1.32 | 94.7 | Sn | 07:37:43.460 | -0.6 | | | | | T__ | | | | ___ | | 6967136 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORC | 1.33 | 331.9 | Pg | 07:37:24.125 | -0.2 | | | | | T__ | | 75.5 | | ___ | ML | 2.1 6967138 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| MORC | 1.33 | 331.9 | Lg | 07:37:43.460 | 0.6 | | | | | T__ | | | | ___ | | 6967137 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.35 | 94.0 | Pn | 07:37:24.022 | -0.8 | | | | | T__ | | 41.3 | | ___ | ML | 1.9 6967139 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 1.35 | 94.0 | Sn | 07:37:44.073 | -0.8 | | | | | T__ | | | | ___ | | 6967140 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 1.43 | 109.2 | Pn | 07:37:25.864 | -0.2 | | | | | T__ | | 56.3 | | ___ | ML | 2.0 6967143 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 1.43 | 109.2 | Sn | 07:37:46.529 | -0.4 | | | | | T__ | | | | ___ | | 6967144 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

```

(Station ML: 2.0 magdef=1
NIE 1.43 54.8 Pn 07:37:26.580 0.3 T__ 47.6 ___ ML 2.0 6967142 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.43 54.8 Lg 07:37:46.222 -0.5 T__ ___ 6967141 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VRAC 1.45 299.7 Sn 07:37:47.040 -0.6 T__ ___ 6967145 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/17 08:49:29.80 4.52 1.71 46.8173 22.8292 36.4 10.6 22 0.0f 5 3 261 0.09 1.52 sx BUD 17004012 BUD 332

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.09 252.4 Pg 08:49:31.935 0.0 T__ 76.8 ___ ML 0.4 6967177 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.09 252.4 Lg 08:49:33.795 -0.0 T__ ___ 6967181 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
GZR 1.42 181.5 Pg 08:49:56.931 0.1 T__ 34.8 ___ ML 1.8 6967179 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.42 181.5 Sn 08:50:16.579 -0.1 T__ ___ 6967178 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
LOT 1.52 154.1 Sn 08:50:17.088 -2.4 T__ ___ 6967180 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/17 09:03:53.87 0.97 0.73 48.5711 18.5370 12.0 3.4 15 0.0f 8 4 174 0.21 1.13 sx BUD 17004014 BUD 213

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 3 BUD 17004014

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.21 111.1 Pg 09:03:58.778 0.4 T__ 55.4 ___ ML 0.6 6967203 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.21 111.1 Lg 09:04:01.195 -0.7 T__ ___ 6967204 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
JAVC 0.64 297.0 Pg 09:04:07.103 -0.1 T__ 129.6 ___ ML 2.0 6967205 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.64 297.0 Lg 09:04:17.576 0.3 T__ ___ 6967206 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MODS 0.86 257.2 Pg 09:04:11.745 0.4 T__ ___ 6967208 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.86 257.2 Lg 09:04:23.983 -0.6 T__ ___ 6967207 FDSN SK -- BUD iLoc HHE ??? _
ET1H 1.13 127.3 Pn 09:04:15.658 -0.4 T__ 51.5 ___ ML 1.8 6967209 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.13 127.3 Sn 09:04:32.384 -1.2 T__ ___ 6967210 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/17 09:47:55.23 1.25 0.81 48.5228 20.8028 8.8 3.7 13 0.0f 14 8 147 0.18 1.31 sx BUD 17004016 BUD 225

```

Magnitude Err Nsta Author OrigID

ML 1.5 0.2 7 BUD 17004016

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| JOS | 0.18 | 261.3 | Pg | 09:47:59.373 | 0.4 | | | | | T__ | | 328.1 | | --- | ML | 1.3 | 6967282 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.18 | 261.3 | Lg | 09:48:01.790 | -0.2 | | | | | T__ | | | | --- | | 6967283 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 259.5 | Pg | 09:47:59.987 | 0.3 | | | | | T__ | | 872.9 | | --- | ML | 1.8 | 6967284 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 0.21 | 259.5 | Lg | 09:48:02.749 | -0.5 | | | | | T__ | | | | --- | | 6967285 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.37 | 127.8 | Pg | 09:48:03.171 | 0.3 | | | | | T__ | | 68.3 | | --- | ML | 1.2 | 6967287 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | |
| ABAH | 0.37 | 127.8 | Lg | 09:48:08.618 | -0.8 | | | | | T__ | | | | --- | | 6967286 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.44 | 204.9 | Pg | 09:48:05.281 | 0.6 | | | | | T__ | | 51.8 | | --- | ML | 1.2 | 6967288 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.44 | 204.9 | Lg | 09:48:11.841 | -0.0 | | | | | T__ | | | | --- | | 6967289 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.86 | 225.5 | Pg | 09:48:13.452 | 0.1 | | | | | T__ | | 50.0 | | --- | ML | 1.7 | 6967291 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ | |
| PSZ | 0.86 | 225.5 | Lg | 09:48:25.153 | -1.1 | | | | | T__ | | | | --- | | 6967292 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.90 | 224.4 | Lg | 09:48:26.649 | -0.5 | | | | | T__ | | | | --- | | 6967293 | FDSN | HU | -- | BUD | iLoc | HHE | ??? | _ | | |
| NIE | 0.96 | 339.9 | Pn | 09:48:15.639 | 0.6 | | | | | T__ | | 35.1 | | --- | ML | 1.6 | 6967290 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.31 | 269.5 | Pn | 09:48:19.475 | -0.4 | | | | | T__ | | 20.9 | | --- | ML | 1.5 | 6967295 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ | |
| VYHS | 1.31 | 269.5 | Sn | 09:48:37.506 | -1.9 | | | | | T__ | | | | --- | | 6967294 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/17 | 10:18:59.66 | 1.71 | 0.96 | 48.9440 | 21.2555 | 19.5 | 4.5 | 156 | 0.0f | | 9 | 5 | 222 | 0.65 | 0.96 | sx | BUD | 17004018 | BUD | | | 312 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.0 | 3 BUD | 17004018 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|--|
| ABAH | 0.65 | 180.9 | Lg | 10:19:23.704 | 0.4 | | | | | T__ | | | | --- | | 6967334 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |
| JOS | 0.65 | 226.9 | Pg | 10:19:12.815 | 0.2 | | | | | T__ | | 65.0 | | --- | ML | 1.7 | 6967330 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ | |
| JOS | 0.65 | 226.9 | Lg | 10:19:22.484 | 0.1 | | | | | T__ | | | | --- | | 6967331 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.67 | 90.5 | Pg | 10:19:13.107 | 0.6 | | | | | T__ | | | | --- | | 6967329 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | | |
| KOLS | 0.67 | 90.5 | Lg | 10:19:21.289 | -2.1 | | | | | T__ | | | | --- | | 6967328 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | | |
| KECS | 0.69 | 228.2 | Pg | 10:19:13.219 | -0.1 | | | | | T__ | | 89.2 | | --- | ML | 1.8 | 6967333 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ | |
| KECS | 0.69 | 228.2 | Lg | 10:19:23.570 | -0.0 | | | | | T__ | | | | --- | | 6967332 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.96 | 210.8 | Pn | 10:19:18.815 | -0.5 | | | | | T__ | | 47.0 | | --- | ML | 1.7 | 6967336 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ | |
| HU02A | 0.96 | 210.8 | Lg | 10:19:32.948 | -0.4 | | | | | T__ | | | | --- | | 6967335 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | | |

(Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/17 | 10:37:28.03 | 0.94 | 0.89 | 46.1157 | 18.1029 | 6.1 | 3.1 | 117 | 0.0f | | 10 | 5 | 114 | 0.03 | 1.12 | sx | BUD | 17004020 | BUD | | | 169 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.0 | 5 BUD | 17004020 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.03 | 184.4 | Pg | 10:37:29.643 | 0.4 | | | | | T__ | | 1340.7 | | ___ | ML | 1.5 | 6967391 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.03 | 184.4 | Lg | 10:37:30.139 | -0.6 | | | | | T__ | | | | --- | | 6967394 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.28 | 225.2 | Pg | 10:37:33.873 | -0.3 | | | | | T__ | | 1073.0 | | ___ | ML | 2.1 | 6967397 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.28 | 225.2 | Lg | 10:37:38.798 | 0.3 | | | | | T__ | | | | --- | | 6967398 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.39 | 75.0 | Pg | 10:37:35.996 | -0.3 | | | | | T__ | | 55.9 | | ___ | ML | 1.1 | 6967395 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.39 | 75.0 | Lg | 10:37:42.691 | 0.0 | | | | | T__ | | | | --- | | 6967400 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.43 | 15.2 | Pg | 10:37:37.212 | 0.1 | | | | | T__ | | 333.5 | | ___ | ML | 2.0 | 6967396 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A266A | 0.43 | 15.2 | Lg | 10:37:44.426 | 0.5 | | | | | T__ | | | | --- | | 6967392 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.12 | 340.0 | Pn | 10:37:50.428 | 0.5 | | | | | T__ | | 74.8 | | ___ | ML | 2.0 | 6967393 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.12 | 340.0 | Sn | 10:38:04.577 | -2.1 | | | | | T__ | | | | --- | | 6967399 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/17 | 10:44:57.34 | 1.26 | 0.77 | 47.6712 | 16.6990 | 6.8 | 6.5 | 134 | 0.0f | | 7 | 5 | 150 | 0.10 | 0.80 | sx | BUD | 17004022 | BUD | | | 247 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SOP | 0.10 | 277.3 | Pg | 10:45:00.291 | 0.6 | | | | | T__ | | 724.1 | | ___ | ML | 1.4 | 6967453 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| SOP | 0.10 | 277.3 | Lg | 10:45:00.700 | -0.8 | | | | | T__ | | | | --- | | 6967454 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.27 | 276.1 | Pg | 10:45:03.404 | 0.3 | | | | | T__ | | 80.6 | | ___ | ML | 1.0 | 6967455 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.27 | 276.1 | Lg | 10:45:06.245 | -0.8 | | | | | T__ | | | | --- | | 6967456 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| A260A | 0.39 | 179.3 | Lg | 10:45:10.564 | -0.5 | | | | | T__ | | | | --- | | 6967457 | FDSN | Z3 | 00 | BUD | iLoc | HHE | ??? | _ | |
| CONA | 0.62 | 294.8 | Lg | 10:45:17.700 | -0.2 | | | | | T__ | | | | --- | | 6967458 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| MODS | 0.80 | 28.7 | Lg | 10:45:25.837 | -0.5 | | | | | T__ | | | | --- | | 6967459 | FDSN | SK | -- | BUD | iLoc | HHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/17 | 10:50:08.45 | 2.99 | 1.58 | 47.8670 | 16.0132 | 21.3 | 8.7 | 84 | 0.0f | 5 | 4 | 196 | 0.12 | 1.22 | sx | BUD | 17004024 | BUD | | | | 267 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.12 | 301.1 | Pg | 10:50:11.269 | 0.2 | | | | | T__ | | 303.4 | | _c_ | ML | 1.1 | 6967509 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.12 | 301.1 | Lg | 10:50:12.633 | -0.4 | | | | | T__ | | | | | | 6967510 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A018A | 0.64 | 259.3 | Lg | 10:50:29.045 | 0.0 | | | | | T__ | | | | | | 6967511 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 0.70 | 208.5 | Lg | 10:50:30.612 | -0.2 | | | | | T__ | | | | | | 6967512 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.22 | 11.9 | Sn | 10:50:47.280 | -2.2 | | | | | T__ | | | | | | 6967513 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/12/17 | 11:12:21.04 | 1.50 | 0.93 | 47.8968 | 19.1710 | 33.4 | 3.1 | 164 | 0.0f | 10 | 6 | 172 | 0.11 | 1.09 | sx | BUD | 17004026 | BUD | | | | | 324 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 4 BUD | 17004026 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| HU10A | 0.11 | 243.3 | Pg | 11:12:24.381 | 0.5 | | | | | T__ | | 518.6 | | _c_ | ML | 1.3 | 6967536 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU10A | 0.11 | 243.3 | Lg | 11:12:25.249 | -1.1 | | | | | T__ | | | | | | 6967541 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.29 | 88.4 | Lg | 11:12:32.296 | 0.1 | | | | | T__ | | | | | | 6967542 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 0.47 | 91.9 | Lg | 11:12:37.902 | -0.7 | | | | | T__ | | | | | | 6967543 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 0.49 | 87.2 | Pg | 11:12:32.378 | 0.7 | | | | | T__ | | 49.8 | | | ML | 1.4 | 6967537 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.49 | 87.2 | Lg | 11:12:38.700 | -0.9 | | | | | T__ | | | | | | 6967544 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.94 | 75.6 | Pn | 11:12:40.473 | 0.0 | | | | | T__ | | 49.2 | | | ML | 1.7 | 6967538 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.94 | 75.6 | Lg | 11:12:53.861 | -1.4 | | | | | T__ | | | | | | 6967545 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 1.09 | 56.3 | Pn | 11:12:42.564 | 0.0 | | | | | T__ | | 48.8 | | | ML | 1.8 | 6967539 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 1.09 | 56.3 | Sn | 11:12:58.617 | -0.9 | | | | | T__ | | | | | | 6967540 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|-----|
| 2021/12/17 | 11:52:33.69 | 0.90 | 1.08 | 47.9028 | 20.1282 | 5.2 | 2.8 | 154 | 0.0f | 19 | 11 | 100 | 0.16 | 1.52 | sx | BUD | 17004028 | BUD | | | | | 150 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 8 BUD | 17004028 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| PSZ | 0.16 | 275.7 | Pg | 11:52:37.980 | 0.3 | | | | | T__ | | 667.4 | | | ML | 1.6 | 6967587 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.16 | 275.7 | Lg | 11:52:40.041 | -0.9 | | | | | T__ | | | | | | 6967592 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |


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(Station ML: 1.6 magdef=1
ET1H 0.17 262.3 Pg 11:52:38.148 0.3 T__ 511.9 --- ML 1.5 6967588 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.17 262.3 Lg 11:52:40.704 -0.4 T__ --- 6967600 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU23A 0.28 162.7 Lg 11:52:44.726 -0.0 T__ --- 6967593 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.35 50.4 Pg 11:52:40.982 -0.3 T__ 115.6 --- ML 1.3 6967590 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.35 50.4 Lg 11:52:46.126 -1.1 T__ --- 6967589 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU03A 0.36 270.4 Pg 11:52:42.400 1.0 T__ 101.0 --- ML 1.3 6967595 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.36 270.4 Lg 11:52:46.553 -0.6 T__ --- 6967594 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
KECS 0.63 22.2 Pg 11:52:47.749 1.4 T__ 72.6 --- ML 1.7 6967597 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.63 22.2 Lg 11:52:55.621 -0.3 T__ --- 6967601 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.65 24.7 Pg 11:52:46.716 -0.1 T__ 60.0 --- ML 1.6 6967598 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.65 24.7 Lg 11:52:56.571 -0.3 T__ --- 6967602 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU01A 0.66 211.8 Lg 11:52:56.376 -1.6 T__ --- 6967596 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 0.84 61.7 Pg 11:52:51.948 1.5 T__ 75.2 --- ML 1.8 6967591 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.84 61.7 Lg 11:53:03.043 -1.1 T__ --- 6967603 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
VYHS 1.05 304.9 Pn 11:52:55.702 1.0 T__ 21.6 --- ML 1.4 6967599 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.05 304.9 Lg 11:53:08.966 -1.2 T__ --- 6967604 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
NIE 1.52 4.2 Sn 11:53:25.123 2.1 T__ --- 6967605 FDSN PL -- BUD iLoc BHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/17 11:55:31.60 3.85 1.95 46.8937 22.7842 27.0 19.0 151 0.0f 8 6 242 0.11 1.60 sx BUD 17004030 BUD 282

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
DRGR 0.11 206.2 Pg 11:55:34.462 0.2 T__ 465.6 --- ML 1.3 6967654 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.11 206.2 Lg 11:55:36.508 -0.1 T__ --- 6967661 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
SIRR 1.00 231.5 Lg 11:56:05.217 -0.7 T__ --- 6967656 FDSN RO -- BUD iLoc HHN ??? _
HU24A 1.11 271.4 Sn 11:56:08.997 -1.2 T__ --- 6967657 FDSN ZJ 00 BUD iLoc HHN ??? _
GZR 1.50 180.2 Pg 11:56:00.108 0.1 T__ 43.7 --- ML 2.0 6967655 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.50 180.2 Sn 11:56:19.385 -1.0 T__ --- 6967658 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BZS 1.51 212.8 Sn 11:56:19.370 -0.7 T__ --- 6967659 FDSN RO -- BUD iLoc HHN ??? _
LOT 1.60 154.3 Sn 11:56:19.405 -3.9 T__ --- 6967660 FDSN RO -- BUD iLoc HHN ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/20 | 10:28:39.44 | 1.02 | 1.16 | 48.5367 | 20.7895 | 5.9 | 3.6 | 7 | 0.0f | 17 | 10 | 87 | 0.17 | 1.30 | sx | BUD | 17004034 | BUD | | | | 158 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.3 | 7 BUD | 17004034 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 256.3 | Pg | 10:28:43.601 | 0.5 | | | | | T__ | | 307.2 | | ___ | ML | 1.3 | 6968086 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 256.3 | Lg | 10:28:46.334 | 0.4 | | | | | T__ | | | | --- | | 6968091 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.21 | 255.3 | Pg | 10:28:44.322 | 0.5 | | | | | T__ | | 899.4 | | ___ | ML | 1.8 | 6968087 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.21 | 255.3 | Lg | 10:28:47.427 | 0.2 | | | | | T__ | | | | --- | | 6968092 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.38 | 128.6 | Pg | 10:28:48.295 | 0.9 | | | | | T__ | | 75.6 | | ___ | ML | 1.2 | 6968088 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.38 | 128.6 | Lg | 10:28:53.216 | -0.9 | | | | | T__ | | | | --- | | 6968093 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.45 | 203.1 | Pg | 10:28:49.034 | 0.0 | | | | | T__ | | 61.9 | | ___ | ML | 1.3 | 6968095 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.45 | 203.1 | Lg | 10:28:56.055 | -0.3 | | | | | T__ | | | | --- | | 6968094 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.86 | 224.4 | Pg | 10:28:57.711 | 0.1 | | | | | T__ | | 80.6 | | ___ | ML | 1.9 | 6968089 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.86 | 224.4 | Lg | 10:29:09.307 | -1.3 | | | | | T__ | | | | --- | | 6968096 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.90 | 223.4 | Pn | 10:28:58.973 | 0.8 | | | | | T__ | | 66.7 | | ___ | ML | 1.8 | 6968090 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.90 | 223.4 | Lg | 10:29:10.569 | -0.9 | | | | | T__ | | | | --- | | 6968098 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.94 | 340.1 | Lg | 10:29:09.309 | -1.2 | | | | | T__ | | | | --- | | 6968097 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| HU03A | 1.02 | 231.9 | Lg | 10:29:14.391 | -1.0 | | | | | T__ | | | | --- | | 6968100 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| KOLS | 1.06 | 67.4 | Lg | 10:29:13.523 | -2.6 | | | | | T__ | | | | --- | | 6968099 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| VYHS | 1.30 | 268.8 | Pn | 10:29:04.177 | 0.2 | | | | | T__ | | 17.8 | | ___ | ML | 1.5 | 6968102 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.30 | 268.8 | Sn | 10:29:21.358 | -2.1 | | | | | T__ | | | | --- | | 6968101 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/21 | 09:19:11.22 | 0.93 | 0.62 | 47.8631 | 16.0932 | 5.6 | 4.9 | 1 | 0.0f | 16 | 10 | 83 | 0.17 | 1.53 | sx | BUD | 17004036 | BUD | | | | 130 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.5 | 6 BUD | 17004036 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.17 | 292.8 | Pg | 09:19:14.970 | 0.2 | | | | | T__ | | 100.7 | | _c_ | ML | 0.8 | 6968263 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.17 | 292.8 | Lg | 09:19:16.830 | -0.5 | | | | | T__ | | | | --- | | 6968265 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| RONA | 0.21 | 140.0 | Pg | 09:19:16.266 | 0.5 | T__ | 54.8 | --- | ML | 0.6 | 6968267 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.21 | 140.0 | Lg | 09:19:18.808 | -0.2 | T__ | | --- | | | 6968266 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.6 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A011B | 0.46 | 191.4 | Lg | 09:19:25.933 | -0.4 | T__ | | --- | | | 6968268 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | ??? | _ |
| A018A | 0.70 | 260.5 | Pg | 09:19:24.561 | -0.1 | T__ | 29.5 | --- | ML | 1.4 | 6968270 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.70 | 260.5 | Lg | 09:19:33.177 | -0.3 | T__ | | --- | | | 6968269 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.72 | 212.4 | Pg | 09:19:25.417 | 0.2 | T__ | 51.8 | --- | ML | 1.6 | 6968271 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.72 | 212.4 | Lg | 09:19:34.033 | -0.3 | T__ | | --- | | | 6968272 | FDSN | OE | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MODS | 0.94 | 56.8 | Lg | 09:19:44.174 | -0.8 | T__ | | --- | | | 6968273 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| KRUC | 1.22 | 9.4 | Sn | 09:19:51.774 | -0.3 | T__ | | --- | | | 6968274 | FDSN | CZ | -- | BUD | iLoc | HHE | ??? | _ |
| KOGS | 1.42 | 175.6 | Sn | 09:19:56.158 | -0.5 | T__ | | --- | | | 6968275 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| TREC | 1.49 | 344.5 | Pn | 09:19:39.161 | 0.3 | T__ | 55.4 | --- | ML | 2.1 | 6968277 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| TREC | 1.49 | 344.5 | Sn | 09:19:59.368 | 0.8 | T__ | | --- | | | 6968276 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.53 | 309.5 | Pg | 09:19:41.398 | 1.6 | T__ | 81.1 | --- | ML | 2.3 | 6968264 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.53 | 309.5 | Sn | 09:19:59.993 | -0.0 | T__ | | --- | | | 6968278 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | |

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|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/12/21 | 10:28:28.58 | 0.93 | 0.81 | 47.8937 | 16.0767 | 5.1 | 4.8 | 176 | 0.0f | | 17 | 12 | 83 | 0.15 | 1.50 | sx | BUD | 17004038 | BUD | | | 104 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.5 | 0.1 | 5 BUD | 17004038 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
| CONA | 0.15 | 283.5 | Pg | 10:28:31.872 | 0.1 | | | | | T__ | | 197.3 | | _c | ML | 1.0 | 6968351 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.15 | 283.5 | Lg | 10:28:33.468 | -0.6 | | | | | T__ | | | | --- | | 6968359 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.0 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.24 | 142.6 | Pg | 10:28:33.768 | 0.0 | | | | | T__ | | 76.3 | | --- | ML | 0.9 | 6968353 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.24 | 142.6 | Lg | 10:28:37.425 | 0.1 | | | | | T__ | | | | --- | | 6968352 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A011B | 0.49 | 189.4 | Lg | 10:28:43.976 | -0.6 | | | | | T__ | | | | --- | | 6968354 | FDSN | Z3 | 00 | BUD | iLoc | HH3 | ??? | _ | |
| A018A | 0.69 | 257.8 | Pg | 10:28:42.999 | 1.0 | | | | | T__ | | 39.2 | | --- | ML | 1.5 | 6968355 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A018A | 0.69 | 257.8 | Lg | 10:28:50.437 | -0.2 | | | | | T__ | | | | --- | | 6968356 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.74 | 210.4 | Pg | 10:28:42.287 | -0.7 | | | | | T__ | | 40.1 | | --- | ML | 1.5 | 6968360 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.74 | 210.4 | Lg | 10:28:52.515 | 0.1 | | | | | T__ | | | | --- | | 6968357 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.94 | 58.7 | Lg | 10:29:01.549 | -0.5 | | | | | T__ | | | | --- | | 6968361 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| A262A | 1.07 | 163.3 | Lg | 10:29:03.673 | -0.1 | | | | | T__ | | | | --- | | 6968362 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.19 | 10.2 | Pg | 10:28:51.831 | 0.5 | | | | | T__ | | 36.7 | | --- | ML | 1.7 | 6968364 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|--|--|--|--|-----|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| KRUC | 1.19 | 10.2 | Sn | 10:29:08.938 | 0.1 | | | | | T__ | | | | 6968363 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| JAVC | 1.44 | 47.1 | Sn | 10:29:18.083 | 2.2 | | | | | T__ | | | | 6968367 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| KOGS | 1.45 | 175.3 | Lg | 10:29:16.076 | 0.8 | | | | | T__ | | | | 6968365 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| TREC | 1.46 | 344.6 | Sn | 10:29:15.996 | 0.8 | | | | | T__ | | | | 6968366 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |
| CKRC | 1.50 | 308.8 | Sn | 10:29:16.358 | -0.4 | | | | | T__ | | | | 6968358 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/21 | 10:53:27.47 | 1.12 | 0.81 | 48.6203 | 19.6595 | 7.8 | 3.6 | 1 | 0.0f | | 13 | 7 | 204 | 0.56 | 1.10 | sx | BUD | 17004040 | BUD | | | 292 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.1 | 6 BUD | 17004040 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| VVHS | 0.56 | 257.3 | Pg | 10:53:39.352 | 0.4 | | | | | T__ | | 13.6 | | ___ | ML | 0.9 | 6968412 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VVHS | 0.56 | 257.3 | Lg | 10:53:46.325 | -0.9 | | | | | T__ | | | | ___ | | 6968413 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.57 | 103.7 | Pg | 10:53:39.645 | 0.8 | | | | | T__ | | 106.3 | | ___ | ML | 1.8 | 6968411 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.57 | 103.7 | Lg | 10:53:46.835 | -0.5 | | | | | T__ | | | | ___ | | 6968405 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.60 | 101.7 | Pg | 10:53:39.906 | 0.5 | | | | | T__ | | 46.3 | | ___ | ML | 1.5 | 6968414 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.60 | 101.7 | Lg | 10:53:47.491 | -1.0 | | | | | T__ | | | | ___ | | 6968406 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.72 | 167.3 | Pg | 10:53:43.454 | 0.7 | | | | | T__ | | 47.6 | | ___ | ML | 1.6 | 6968408 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.72 | 167.3 | Lg | 10:53:53.186 | -0.5 | | | | | T__ | | | | ___ | | 6968407 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.76 | 169.1 | Pg | 10:53:43.940 | 0.6 | | | | | T__ | | 33.3 | | ___ | ML | 1.4 | 6968415 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.76 | 169.1 | Lg | 10:53:54.338 | -0.2 | | | | | T__ | | | | ___ | | 6968409 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.76 | 130.5 | Pg | 10:53:43.664 | 0.4 | | | | | T__ | | 27.3 | | ___ | ML | 1.4 | 6968403 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.76 | 130.5 | Lg | 10:53:53.829 | -1.3 | | | | | T__ | | | | ___ | | 6968404 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 1.10 | 106.6 | Lg | 10:54:04.725 | -0.7 | | | | | T__ | | | | ___ | | 6968410 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/21 | 10:56:13.78 | 0.88 | 1.03 | 48.4686 | 20.7760 | 4.7 | 3.2 | 9 | 0.0f | | 18 | 10 | 86 | 0.16 | 1.29 | sx | BUD | 17004042 | BUD | | | 144 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.2 | 7 BUD | 17004042 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.16 | 279.9 | Pg | 10:56:17.572 | 0.4 | | | | | T__ | | 257.9 | | ___ | ML | 1.2 | 6968459 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.16 | 279.9 | Lg | 10:56:20.082 | 0.2 | | | | | T__ | | | | ___ | | 6968463 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.19 274.4 Pg      10:56:18.192  0.3      T__      707.6      ___ ML    1.7 6968460  FDSN SK    -- BUD  iLoc  EHZ EHZ  _
KECS 0.19 274.4 Lg      10:56:21.167  0.1      T__      ___        ___     6968464    FDSN SK    -- BUD  iLoc  EHN ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.35 119.0 Pg      10:56:22.004  0.8      T__      64.2       ___ ML    1.1 6968461  FDSN HU    -- BUD  iLoc  HHZ HHZ  _
ABAH 0.35 119.0 Lg      10:56:26.219 -1.2     T__      ___        ___     6968465    FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU02A 0.39 205.9 Lg     10:56:28.426 -0.1     T__      ___        ___     6968466    FDSN ZJ    00 BUD  iLoc  HHN ???  _
PSZ 0.81 227.3 Pg      10:56:30.922  0.0      T__      48.9       ___ ML    1.6 6968468  FDSN GE    -- BUD  iLoc  HHZ HHZ  _
PSZ 0.81 227.3 Lg      10:56:42.048 -1.0     T__      ___        ___     6968467    FDSN GE    -- BUD  iLoc  HHN ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.85 226.1 Pg      10:56:31.573  0.1      T__      32.1       ___ ML    1.5 6968469  FDSN HU    -- BUD  iLoc  HHZ HHZ  _
ET1H 0.85 226.1 Lg      10:56:43.474 -0.5     T__      ___        ___     6968470    FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
NIE 1.00 341.9 Pg      10:56:33.223  0.5      T__      18.4       ___ ML    1.3 6968472  FDSN PL    -- BUD  iLoc  BHZ BHZ  _
NIE 1.00 341.9 Lg      10:56:46.115 -0.8     T__      ___        ___     6968471    FDSN PL    -- BUD  iLoc  BHN ???  _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KOLS 1.10 64.3 Pg       10:56:34.854  0.2      T__      ___        ___     6968473    FDSN SK    -- BUD  iLoc  HHZ ???  _
KOLS 1.10 64.3 Lg       10:56:49.234 -2.4     T__      ___        ___     6968474    FDSN SK    -- BUD  iLoc  HHN ???  _
TRPA 1.22 105.4 Pn      10:56:37.092  0.0      T__      44.7       ___ ML    1.8 6968476  FDSN HU    -- BUD  iLoc  HHZ HHZ  _
TRPA 1.22 105.4 Sn      10:56:53.642 -2.1     T__      ___        ___     6968475    FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
VYHS 1.29 271.9 Sn      10:56:56.435 -1.1     T__      ___        ___     6968462    FDSN SK    -- BUD  iLoc  HHN ???  _

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/12/21 22:17:08.21  1.27  0.34  45.7247  17.8799  9.6  7.4 137  15.0f  10  6 159  0.20  1.09  ke BUD  17004044  BUD  269

```

```

Magnitude  Err Nsta Author  OrigID
ML 1.3 0.0 5 BUD 17004044

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
A273A 0.20 346.9 Pg      22:17:12.603 -0.4    T__      291.3  ___ ML    1.3 6968532  FDSN Z3    00 BUD  iLoc  HHZ HHZ  _
A273A 0.20 346.9 Lg      22:17:16.363  0.0    T__      ___     ___     6968533  FDSN Z3    00 BUD  iLoc  HHN ???  _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KOVH 0.39 22.8 Pg      22:17:16.363 -0.2    T__      42.0   ___ ML    1.0 6968534  FDSN HU    -- BUD  iLoc  HHZ HHZ  _
KOVH 0.39 22.8 Lg      22:17:22.347  0.0    T__      ___     ___     6968535  FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
A264A 0.60 316.8 Lg      22:17:28.294  0.0    T__      ___     ___     6968536  FDSN Z3    00 BUD  iLoc  HHN ???  _
A265A 0.70 355.2 Pg      22:17:22.731  0.6    T__      156.1  ___ ML    2.1 6968539  FDSN Z3    00 BUD  iLoc  HHZ HHZ  _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
MORH 0.72 47.1 Pn      22:17:22.424 -0.0    T__      25.7   ___ ML    1.3 6968537  FDSN HU    -- BUD  iLoc  HHZ HHZ  _
MORH 0.72 47.1 Lg      22:17:33.204  0.2    T__      ___     ___     6968538  FDSN HU    -- BUD  iLoc  HHN ???  _

```

(Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 BLY 1.09 207.0 Pn 22:17:28.370 0.2 T__ 34.6 ___ ML 1.6 6968540 FDSN MN -- BUD iLoc HHZ HHZ _
 BLY 1.09 207.0 Lg 22:17:43.025 0.4 T__ ___ 6968541 FDSN MN -- BUD iLoc HHE ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/22 | 02:51:59.64 | 2.98 | 0.40 | 47.3181 | 18.0682 | 15.7 | 6.2 | 27 | 11.9 | 15.3 | 8 | 5 | 219 | 0.08 | 0.15 | ke | BUD | 17004046 | BUD | | | 291 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 0.2 | 0.2 | 3 BUD | 17004046 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| MSW3 | 0.08 | 31.2 | Pg | 02:52:02.685 | 0.3 | | | | | T__ | | 38.3 | | ___ | ML | 0.1 | 6968588 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW3 | 0.08 | 31.2 | Lg | 02:52:04.914 | 0.1 | | | | | T__ | | | | --- | | 6968592 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.1 magdef=1 (Station ML: 0.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MSW2 | 0.10 | 99.2 | Pg | 02:52:02.891 | 0.2 | | | | | T__ | | 105.5 | | ___ | ML | 0.6 | 6968590 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW2 | 0.10 | 99.2 | Lg | 02:52:04.922 | -0.5 | | | | | T__ | | | | --- | | 6968589 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSKK | 0.14 | 70.9 | Lg | 02:52:06.446 | -0.1 | | | | | T__ | | | | --- | | 6968593 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| MSW1 | 0.15 | 60.0 | Pg | 02:52:03.648 | 0.1 | | | | | T__ | | 33.7 | | ___ | ML | 0.2 | 6968586 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MSW1 | 0.15 | 60.0 | Lg | 02:52:06.678 | -0.1 | | | | | T__ | | | | --- | | 6968587 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.2 magdef=1 (Station ML: 0.2 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU08A | 0.15 | 319.1 | Lg | 02:52:06.196 | -0.5 | | | | | T__ | | | | --- | | 6968591 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/22 | 07:24:42.08 | 0.95 | 0.85 | 46.0798 | 22.8308 | 5.8 | 3.8 | 70 | 0.0f | | 13 | 7 | 93 | 0.20 | 0.97 | sx | BUD | 17004048 | BUD | | | 140 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.7 | 0.1 | 6 BUD | 17004048 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.20 | 165.5 | Pg | 07:24:46.460 | 0.5 | | | | | T__ | | 1395.9 | | _c_ | ML | 2.0 | 6968626 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.20 | 165.5 | Lg | 07:24:48.164 | -0.6 | | | | | T__ | | | | --- | | 6968627 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.69 | 183.2 | Pg | 07:24:55.751 | 0.5 | | | | | T__ | | 82.0 | | ___ | ML | 1.8 | 6968628 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.69 | 183.2 | Lg | 07:25:04.676 | -0.3 | | | | | T__ | | | | --- | | 6968630 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.72 | 353.4 | Pg | 07:24:57.481 | 0.9 | | | | | T__ | | 59.0 | | ___ | ML | 1.7 | 6968632 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.72 | 353.4 | Lg | 07:25:06.965 | -1.2 | | | | | T__ | | | | --- | | 6968631 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CJR | 0.83 | 39.7 | Lg | 07:25:09.832 | -1.4 | | | | | T__ | | | | --- | | 6968633 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| SIRR | 0.84 | 283.4 | Pg | 07:24:58.903 | -0.2 | | | | | T__ | | 54.0 | | ___ | ML | 1.7 | 6968635 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |

```

SIRR  0.84 283.4 Lg      07:25:10.990 -0.3      T__          ---          6968634      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT   0.91 133.5 Pg      07:24:59.718  0.1      T__          101.6        --- ML       2.0 6968629      FDSN RO      -- BUD  iLoc  HHZ HHZ _
LOT   0.91 133.5 Lg      07:25:11.712 -1.2      T__          ---          6968636      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
BZS   0.97 241.8 Pg      07:25:01.402  0.5      T__          30.6         --- ML       1.5 6968638      FDSN RO      -- BUD  iLoc  HHZ HHZ _
BZS   0.97 241.8 Lg      07:25:14.170 -0.4      T__          ---          6968637      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/12/22 07:33:27.19  1.47  0.49  47.8794  16.0732  21.3  3.7  33  0.0f  6  4  207  0.15  0.68  sx  BUD  17004050  BUD  326

```

Magnitude Err Nsta Author OrigID

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
CONA  0.15 289.0 Pg      07:33:30.387 -0.0      T__          109.4        --- ML       0.8 6968665      FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA  0.15 289.0 Lg      07:33:32.432 -0.3      T__          ---          6968667      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
RONA  0.23 140.0 Pg      07:33:32.419  0.3      T__          33.2         --- ML       0.5 6968666      FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.23 140.0 Lg      07:33:34.991 -0.6      T__          ---          6968668      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
A013A 0.48 292.6 Lg      07:33:43.278  0.4      T__          ---          6968669      FDSN Z3      00 BUD  iLoc  HHN ??? _
A018A 0.68 258.9 Lg      07:33:49.172  0.1      T__          ---          6968670      FDSN Z3      00 BUD  iLoc  HHN ??? _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/12/22 08:06:20.33  0.82  1.10  47.1607  18.1029  3.8  3.5  121  0.0f  27  17  75  0.23  1.70  kx  BUD  17004052  BUD  99
2021/12/22 08:06:19.95  0.80  1.13  47.1240  18.0700f  0.0f  27  17  82  0.27  1.70  kx  BUD_GT  17004053  BUD_GT  101

```

(locality : Vilonya Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 9 BUD_GT 17004053

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
CSKK  0.27 28.4 Pg      08:06:26.323  0.4      T__          193.9        --- ML       1.3 6968720      FDSN HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.27 28.4 Lg      08:06:29.329 -1.9      T__          ---          6968731      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU08A 0.32 342.1 Pg      08:06:27.877  0.9      T__          191.6        --- ML       1.5 6968717      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU08A 0.32 342.1 Lg      08:06:31.194 -1.6      T__          ---          6968732      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A267A 0.33 122.1 Lg      08:06:32.990  0.0      T__          ---          6968733      FDSN Z3      00 BUD  iLoc  HHN ??? _
MPLH  0.37 277.5 Pg      08:06:29.244  1.5      T__          188.9        --- ML       1.6 6968730      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MPLH  0.37 277.5 Lg      08:06:33.892  0.0      T__          ---          6968734      FDSN HU      -- BUD  iLoc  HHN ??? _

```

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU09A 0.56 22.3 Lg 08:06:38.550 -2.4 T__
EGYH 0.58 300.5 Pg 08:06:32.333 0.3 T__ 455.7
EGYH 0.58 300.5 Lg 08:06:40.686 -0.3 T__
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
A266A 0.61 167.3 Lg 08:06:42.955 1.2 T__
A265A 0.72 195.2 Lg 08:06:46.523 1.6 T__
HU10A 0.97 41.4 Lg 08:06:52.407 -2.9 T__
MORH 0.99 156.3 Pg 08:06:39.797 0.1 T__ 44.2
MORH 0.99 156.3 Lg 08:06:54.006 -0.2 T__
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOVH 1.04 178.8 Pn 08:06:41.028 0.5 T__ 41.9
KOVH 1.04 178.8 Lg 08:06:55.734 -0.3 T__
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
RONA 1.34 296.2 Lg 08:07:04.115 0.2 T__
MODS 1.36 337.1 Pn 08:06:46.001 0.6 T__
MODS 1.36 337.1 Sn 08:07:04.472 -0.8 T__
ET1H 1.44 57.6 Pg 08:06:48.697 -1.2 T__ 29.1
ET1H 1.44 57.6 Sn 08:07:06.734 -0.0 T__
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 1.46 20.4 Pg 08:06:49.547 0.0 T__ 14.0
VYHS 1.46 20.4 Sn 08:07:08.622 0.6 T__
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 1.47 56.6 Pn 08:06:47.788 1.0 T__ 53.9
PSZ 1.47 56.6 Sn 08:07:07.808 -0.3 T__
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CONA 1.70 299.1 Sn 08:07:14.087 1.0 T__

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/22 08:51:47.36 0.96 1.42 48.3976 20.7392 7.2 3.5 25 0.0f 9 6 155 0.17 1.23 sx BUD 17004054 BUD 164

```

```

Magnitude Err Nsta Author OrigID
ML 0.8 0.3 3 BUD 17004054

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.17 306.5 Pg 08:51:51.183 0.3 T__ 62.5
JOS 0.17 306.5 Lg 08:51:53.368 -0.4 T__
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
KECS 0.19 297.0 Pg 08:51:51.769 0.4 T__ 151.1
KECS 0.19 297.0 Lg 08:51:54.325 -0.2 T__
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.31 207.5 Lg 08:51:59.517 -0.0 T__
ABAH 0.35 106.7 Pg 08:51:55.269 0.6 T__ 33.6

```


| | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-----|---------|------|----|----|-----|------|-----|-----|---|
| ABAH | 0.35 | 106.7 | Lg | 08:51:59.422 | -1.4 | T__ | --- | 6968784 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | |
| (Station ML: 0.8 magdef=1) | | | | | | | | | | | | | | | | |
| PSZ | 0.74 | 230.0 | Lg | 08:52:13.528 | -0.9 | T__ | --- | 6968787 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| TRPA | 1.23 | 101.9 | Sn | 08:52:26.542 | -2.9 | T__ | --- | 6968788 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/12/22 | 09:34:27.86 | 1.01 | 1.00 | 46.0508 | 22.8617 | 6.7 | 3.9 | 65 | 0.0f | 12 | 6 | 141 | 0.17 | 0.97 | sx | BUD | 17004056 | BUD | | | | 208 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.7 | 0.1 | 6 BUD | 17004056 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| DEV | 0.17 | 170.2 | Pg | 09:34:31.603 | 0.5 | | | | | T__ | | 572.5 | | _c_ | ML | 1.5 | 6968819 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.17 | 170.2 | Lg | 09:34:32.595 | -0.9 | | | | | T__ | | | | --- | | 6968825 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.66 | 185.2 | Pg | 09:34:40.941 | 0.4 | | | | | T__ | | 64.8 | | --- | ML | 1.7 | 6968820 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.66 | 185.2 | Lg | 09:34:48.751 | -1.2 | | | | | T__ | | | | --- | | 6968826 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.75 | 352.1 | Pg | 09:34:42.994 | 0.1 | | | | | T__ | | 51.4 | | --- | ML | 1.6 | 6968824 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 0.75 | 352.1 | Lg | 09:34:54.275 | -0.8 | | | | | T__ | | | | --- | | 6968827 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.86 | 285.0 | Pg | 09:34:46.021 | 0.6 | | | | | T__ | | 63.4 | | --- | ML | 1.8 | 6968830 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.86 | 285.0 | Lg | 09:34:57.922 | 0.0 | | | | | T__ | | | | --- | | 6968829 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.88 | 133.2 | Pg | 09:34:45.869 | 1.2 | | | | | T__ | | 210.7 | | --- | ML | 2.3 | 6968821 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| LOT | 0.88 | 133.2 | Lg | 09:34:55.725 | -1.8 | | | | | T__ | | | | --- | | 6968828 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.97 | 243.9 | Pg | 09:34:47.323 | 0.5 | | | | | T__ | | 35.4 | | --- | ML | 1.6 | 6968823 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.97 | 243.9 | Lg | 09:34:59.719 | -0.8 | | | | | T__ | | | | --- | | 6968822 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/12/22 | 10:40:02.17 | 1.30 | 1.22 | 48.8114 | 21.2302 | 7.6 | 6.2 | 11 | 0.0f | 14 | 9 | 124 | 0.52 | 1.62 | sx | BUD | 17004058 | BUD | | | | 224 |

| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 1.6 | 0.0 | 5 BUD | 17004058 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| ABAH | 0.52 | 179.3 | Pg | 10:40:13.294 | 0.7 | | | | | T__ | | 48.8 | | --- | ML | 1.4 | 6968873 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.52 | 179.3 | Lg | 10:40:20.112 | -1.2 | | | | | T__ | | | | --- | | 6968869 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.56 | 235.7 | Pg | 10:40:13.896 | 0.6 | | | | | T__ | | 72.7 | | --- | ML | 1.7 | 6968874 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|--|--|--|--|--|--|---------|------|----|----|-----|------|-----|-----|---|
| JOS | 0.56 | 235.7 | Lg | 10:40:21.334 | -0.3 | T__ | | | | | | | | 6968868 | FDSN | ZJ | -- | BUD | iLoc | HHE | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.59 | 236.6 | Pg | 10:40:14.086 | 0.1 | T__ | 101.7 | | | | | | | 6968870 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.59 | 236.6 | Lg | 10:40:22.221 | -0.7 | T__ | | | | | | | | 6968875 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 0.70 | 79.6 | Lg | 10:40:25.499 | -1.4 | T__ | | | | | | | | 6968876 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |
| HU02A | 0.83 | 214.5 | Pg | 10:40:20.194 | 0.8 | T__ | 42.6 | | | | | | | 6968879 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.83 | 214.5 | Lg | 10:40:30.546 | -1.7 | T__ | | | | | | | | 6968878 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.86 | 315.2 | Lg | 10:40:30.287 | -0.4 | T__ | | | | | | | | 6968877 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| PSZ | 1.26 | 225.4 | Sn | 10:40:43.842 | -1.5 | T__ | | | | | | | | 6968872 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ |
| ET1H | 1.30 | 224.7 | Pn | 10:40:27.310 | 0.7 | T__ | 26.4 | | | | | | | 6968880 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.30 | 224.7 | Sn | 10:40:44.727 | -1.1 | T__ | | | | | | | | 6968871 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.62 | 259.6 | Sn | 10:40:56.139 | 1.9 | T__ | | | | | | | | 6968881 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/22 | 10:42:04.19 | 0.91 | 1.12 | 48.6590 | 19.9461 | 4.1 | 3.8 | 9 | 0.0f | | 15 | 8 | 119 | 0.40 | 0.93 | sx | BUD | 17004060 | BUD | | | 214 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 7 BUD | 17004060 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KECS | 0.40 | 115.9 | Pg | 10:42:12.724 | 0.4 | | | | | T__ | | 114.5 | | | ML | 1.5 | 6968961 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.40 | 115.9 | Lg | 10:42:18.559 | 0.1 | | | | | T__ | | | | | | 6968960 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.43 | 112.3 | Pg | 10:42:11.978 | -0.8 | | | | | T__ | | 55.2 | | | ML | 1.2 | 6968958 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.43 | 112.3 | Lg | 10:42:18.783 | -0.6 | | | | | T__ | | | | | | 6968962 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.66 | 144.1 | Pg | 10:42:19.860 | 1.9 | | | | | T__ | | 33.9 | | | ML | 1.4 | 6968963 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.66 | 144.1 | Lg | 10:42:27.706 | -0.6 | | | | | T__ | | | | | | 6968957 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.74 | 182.7 | Pg | 10:42:20.650 | 0.7 | | | | | T__ | | 45.4 | | | ML | 1.6 | 6968959 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.74 | 182.7 | Lg | 10:42:30.272 | -0.9 | | | | | T__ | | | | | | 6968966 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 0.76 | 257.8 | Pg | 10:42:20.138 | 0.7 | | | | | T__ | | 18.1 | | | ML | 1.2 | 6968970 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 0.76 | 257.8 | Lg | 10:42:28.926 | -1.6 | | | | | T__ | | | | | | 6968965 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.78 | 183.7 | Pg | 10:42:21.394 | 0.8 | | | | | T__ | | 29.4 | | | ML | 1.4 | 6968971 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.78 | 183.7 | Lg | 10:42:31.305 | -0.8 | | | | | T__ | | | | | | 6968967 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.79 | 16.9 | Pg | 10:42:20.317 | 1.1 | | | | | T__ | | 24.9 | | | ML | 1.3 | 6968969 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |

NIE 0.79 16.9 Lg 10:42:28.791 -1.7 T__ --- 6968964 FDSN PL -- BUD iLoc BHN ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 ABAH 0.93 112.4 Lg 10:42:36.466 -0.3 T__ --- 6968968 FDSN HU -- BUD iLoc HHN ??? _

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/23 | 09:45:18.11 | 0.87 | 1.09 | 48.4865 | 20.7887 | 4.3 | 3.2 | 6 | 0.0f | 19 | 10 | 83 | 0.17 | 1.22 | sx | BUD | 17004062 | BUD | | | | 151 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 8 BUD | 17004062 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.17 | 273.3 | Pg | 09:45:21.887 | 0.2 | | | | | T__ | | 302.7 | | --- | ML | 1.2 | 6969020 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.17 | 273.3 | Lg | 09:45:24.599 | 0.1 | | | | | T__ | | | | --- | | 6969024 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.20 | 269.2 | Pg | 09:45:22.456 | 0.1 | | | | | T__ | | 626.1 | | --- | ML | 1.7 | 6969021 | FDSN | SK | -- | BUD | iLoc | EHN | EHZ | _ |
| KECS | 0.20 | 269.2 | Lg | 09:45:25.943 | 0.2 | | | | | T__ | | | | --- | | 6969025 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.36 | 122.2 | Pg | 09:45:26.018 | 0.5 | | | | | T__ | | 75.7 | | --- | ML | 1.2 | 6969027 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.36 | 122.2 | Lg | 09:45:30.543 | -1.3 | | | | | T__ | | | | --- | | 6969026 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.40 | 205.9 | Pg | 09:45:27.996 | 1.2 | | | | | T__ | | 45.8 | | --- | ML | 1.1 | 6969022 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.40 | 205.9 | Lg | 09:45:32.954 | -0.5 | | | | | T__ | | | | --- | | 6969028 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.83 | 226.8 | Pg | 09:45:35.252 | -0.3 | | | | | T__ | | 50.0 | | --- | ML | 1.7 | 6969030 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.83 | 226.8 | Lg | 09:45:46.657 | -1.4 | | | | | T__ | | | | --- | | 6969029 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.86 | 225.6 | Pn | 09:45:37.019 | 0.7 | | | | | T__ | | 38.3 | | --- | ML | 1.6 | 6969023 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 0.86 | 225.6 | Lg | 09:45:47.928 | -1.0 | | | | | T__ | | | | --- | | 6969031 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 0.99 | 234.2 | Lg | 09:45:51.785 | -1.2 | | | | | T__ | | | | --- | | 6969034 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.99 | 341.1 | Pg | 09:45:37.365 | 0.6 | | | | | T__ | | 32.0 | | --- | ML | 1.6 | 6969033 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.99 | 341.1 | Lg | 09:45:50.258 | -0.5 | | | | | T__ | | | | --- | | 6969032 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 1.08 | 65.0 | Pg | 09:45:39.022 | 0.4 | | | | | T__ | | | | --- | | 6969036 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 1.08 | 65.0 | Lg | 09:45:53.278 | -2.2 | | | | | T__ | | | | --- | | 6969035 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| TRPA | 1.22 | 106.3 | Pn | 09:45:42.482 | 1.1 | | | | | T__ | | 51.4 | | --- | ML | 1.9 | 6969037 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 1.22 | 106.3 | Sn | 09:45:58.102 | -1.9 | | | | | T__ | | | | --- | | 6969038 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/24 | 09:28:56.70 | 1.48 | 0.94 | 45.7528 | 21.5581 | 8.4 | 6.6 | 161 | 0.2 | 3.0 | 32 | 22 | 76 | 0.14 | 3.22 | ke | BUD | 17004064 | BUD | | | 131 |

Magnitude Err Nsta Author OrigID
 ML 2.7 0.1 13 BUD 17004064

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BZS | 0.14 | 163.2 | Pg | 09:28:59.751 | -0.0 | | | | | T__ | | 7834.6 | | _c_ | ML | 2.6 | 6969230 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.14 | 163.2 | Lg | 09:29:01.752 | -0.4 | | | | | T__ | | | | --- | | 6969253 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BANR | 0.47 | 218.9 | Pg | 09:29:06.191 | 0.1 | | | | | T__ | | 4160.0 | | --- | ML | 3.2 | 6969231 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BANR | 0.47 | 218.9 | Lg | 09:29:13.093 | -0.1 | | | | | T__ | | | | --- | | 6969254 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 3.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.2 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.52 | 7.8 | Pg | 09:29:07.842 | 0.3 | | | | | T__ | | 495.1 | | _c_ | ML | 2.4 | 6969229 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.52 | 7.8 | Lg | 09:29:15.019 | -0.7 | | | | | T__ | | | | --- | | 6969255 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMBH | 0.83 | 316.2 | Pg | 09:29:13.620 | -0.6 | | | | | T__ | | | | --- | | 6969232 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ | |
| AMBH | 0.83 | 316.2 | Lg | 09:29:25.434 | -0.5 | | | | | T__ | | | | --- | | 6969256 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.93 | 112.4 | Pg | 09:29:14.558 | 0.1 | | | | | T__ | | 506.4 | | --- | ML | 2.7 | 6969233 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.93 | 112.4 | Lg | 09:29:26.639 | -0.8 | | | | | T__ | | | | --- | | 6969234 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DEV | 0.95 | 81.6 | Lg | 09:29:27.512 | -0.6 | | | | | T__ | | | | --- | | 6969235 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| HU06A | 1.18 | 324.7 | Sn | 09:29:36.574 | -0.0 | | | | | T__ | | | | --- | | 6969257 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| HU24A | 1.19 | 346.7 | Sn | 09:29:36.997 | 0.1 | | | | | T__ | | | | --- | | 6969258 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| DRGR | 1.31 | 37.2 | Pn | 09:29:21.682 | 0.2 | | | | | T__ | | 224.3 | | --- | ML | 2.6 | 6969227 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DRGR | 1.31 | 37.2 | Pg | 09:29:22.305 | -0.4 | | | | | T__ | | | | --- | | 6969237 | FDSN | RO | -- | BUD | iLoc | HHZ | ??? | _ | |
| DRGR | 1.31 | 37.2 | Sn | 09:29:39.131 | -1.5 | | | | | T__ | | | | --- | | 6969236 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU21A | 1.40 | 295.1 | Sn | 09:29:42.105 | 0.1 | | | | | T__ | | | | --- | | 6969238 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| LOT | 1.58 | 100.3 | Sn | 09:29:45.863 | -1.7 | | | | | T__ | | | | --- | | 6969239 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| LTVH | 1.65 | 8.1 | Lg | 09:29:51.838 | 0.6 | | | | | T__ | | | | --- | | 6969240 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| CJR | 1.71 | 55.1 | Pn | 09:29:27.614 | 0.4 | | | | | T__ | | 210.7 | | --- | ML | 2.8 | 6969228 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| CJR | 1.71 | 55.1 | Pg | 09:29:29.878 | -0.1 | | | | | T__ | | | | --- | | 6969242 | FDSN | RO | -- | BUD | iLoc | HHZ | ??? | _ | |
| CJR | 1.71 | 55.1 | Lg | 09:29:53.129 | 0.2 | | | | | T__ | | | | --- | | 6969241 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARCR | 2.35 | 54.4 | Lg | 09:30:14.293 | 1.7 | | | | | T__ | | | | --- | | 6969243 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| ET1H | 2.42 | 332.0 | Pg | 09:29:44.548 | -0.8 | | | | | T__ | | 53.3 | | --- | ML | 2.6 | 6969251 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 2.45 | 332.8 | Pn | 09:29:37.067 | -0.1 | | | | | T__ | | 78.4 | | --- | ML | 2.8 | 6969244 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 2.47 | 15.4 | Pn | 09:29:38.564 | 1.0 | | | | | T__ | | 58.2 | | --- | ML | 2.6 | 6969245 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 2.47 | 343.7 | Pn | 09:29:39.996 | 2.5 | | | | | T__ | | 58.5 | | --- | ML | 2.6 | 6969252 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU03A | 2.54 | 328.7 | Pn | 09:29:38.555 | 0.4 | | | | | T__ | | 126.8 | | --- | ML | 3.0 | 6969246 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |

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(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
ABAH 2.55 355.2 Pn 09:29:39.365 0.9 T__ 80.9 ___ ML 2.8 6969247 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 2.55 355.2 Lg 09:30:21.123 1.3 T__ ___ 6969248 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
JOS 2.83 346.1 Pn 09:29:43.441 1.1 T__ 49.3 ___ ML 2.8 6969249 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
KOLS 3.22 8.4 Pg 09:29:59.273 1.0 T__ ___ 6969250 FDSN SK -- BUD iLoc HHZ ??? _

```

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/24 | 17:04:49.56 | 1.75 | 0.64 | 45.6673 | 21.6142 | 18.5 | 5.6 | 167 | 12.0f | 8 | 4 | 163 | 0.05 | 1.36 | ke | BUD | 17004066 | BUD | | | | 238 |

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Magnitude Err Nsta Author OrigID
ML 1.8 0.5 4 BUD 17004066

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BZS 0.05 178.0 Pg 17:04:51.838 -0.2 T__ 582.5 ___ ML 1.2 6969316 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.05 178.0 Lg 17:04:53.927 -0.0 T__ ___ 6969321 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
BANR 0.44 229.9 Pg 17:04:58.358 0.0 T__ 1611.6 ___ ML 2.7 6969322 FDSN RO -- BUD iLoc HHZ HHZ _
BANR 0.44 229.9 Lg 17:05:04.959 0.1 T__ ___ 6969317 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
GZR 0.86 108.1 Pg 17:05:05.553 -0.6 T__ 57.5 ___ ML 1.7 6969320 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.86 108.1 Lg 17:05:19.076 1.2 T__ ___ 6969318 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 1.36 33.7 Pn 17:05:13.895 0.3 T__ 46.4 ___ ML 1.9 6969323 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.36 33.7 Sn 17:05:31.890 -0.3 T__ ___ 6969319 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/25 | 07:18:21.34 | 0.80 | 0.88 | 46.4689 | 16.2094 | 5.3 | 3.8 | 102 | 5.0 | 9.0 | 99 | 57 | 56 | 0.04 | 4.71 | ke | BUD | 17004070 | BUD | | | 109 |

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Magnitude Err Nsta Author OrigID
ML 3.7 0.1 54 BUD 17004070

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOGS 0.04 126.3 Pg 07:18:23.164 0.5 T__ 715769.2 _c_ ML 4.3 6969718 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.04 126.3 Lg 07:18:24.390 0.7 T__ ___ 6969717 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 4.3 magdef=1
(Station ML: 4.3 magdef=0
BEHE 0.39 89.6 Pg 07:18:29.683 0.3 T__ 31717.8 ___ ML 3.9 6969715 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.39 89.6 Lg 07:18:36.267 1.4 T__ ___ 6969716 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 3.9 magdef=1
(Station ML: 3.9 magdef=1

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| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|---------|-----|------|-----|---------|------|----|----|-----|------|-----|-----|---|
| A262A | 0.45 | 28.9 | Pg | 07:18:30.621 | 0.2 | T__ | 33313.5 | ___ | ML | 4.1 | 6969720 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A262A | 0.45 | 28.9 | Lg | 07:18:37.324 | 0.8 | T__ | | --- | | | 6969721 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.59 | 196.7 | Pg | 07:18:33.107 | -0.0 | T__ | 10311.9 | ___ | ML | 3.8 | 6969726 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| PTJ | 0.59 | 196.7 | Lg | 07:18:41.500 | -0.1 | T__ | | --- | | | 6969743 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ZAG | 0.66 | 193.6 | Pn | 07:18:34.878 | -2.5 | T__ | 37946.9 | ___ | ML | 4.4 | 6969728 | FDSN | CR | -- | BUD | iLoc | BHZ | BHZ | _ |
| ZAG | 0.66 | 193.6 | Lg | 07:18:44.111 | 0.8 | T__ | | --- | | | 6969744 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 4.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A263A | 0.78 | 76.9 | Pg | 07:18:36.657 | -0.3 | T__ | 8927.4 | ___ | ML | 3.9 | 6969719 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.78 | 76.9 | Sn | 07:18:48.292 | -1.8 | T__ | | --- | | | 6969745 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A261A | 0.81 | 52.9 | Pn | 07:18:37.196 | -1.2 | T__ | 4780.4 | ___ | ML | 3.6 | 6969723 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A264A | 0.81 | 112.1 | Pn | 07:18:37.594 | -0.9 | T__ | 10193.3 | ___ | ML | 4.0 | 6969722 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.0 magdef=0) | | | | | | | | | | | | | | | | | | | |
| CRES | 0.83 | 219.4 | Pg | 07:18:37.419 | 0.0 | T__ | 6111.5 | ___ | ML | 3.7 | 6969735 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 0.83 | 219.4 | Lg | 07:18:48.629 | -0.8 | T__ | | --- | | | 6969746 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A260A | 0.88 | 22.5 | Pn | 07:18:38.910 | -0.7 | T__ | 7455.2 | ___ | ML | 3.9 | 6969727 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A260A | 0.88 | 22.5 | Lg | 07:18:50.655 | 0.2 | T__ | | --- | | | 6969747 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.9 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.91 | 329.2 | Pg | 07:18:37.718 | -1.3 | T__ | 21192.9 | ___ | ML | 4.3 | 6969736 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.91 | 329.2 | Sn | 07:18:51.647 | -1.6 | T__ | | --- | | | 6969748 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 4.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| A265A | 1.10 | 91.7 | Pn | 07:18:41.405 | -0.9 | T__ | 3513.6 | ___ | ML | 3.7 | 6969725 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 1.10 | 91.7 | Lg | 07:18:56.896 | -0.3 | T__ | | --- | | | 6969750 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| OBKA | 1.15 | 272.6 | Pn | 07:18:42.760 | -1.2 | T__ | 4031.1 | ___ | d ML | 3.7 | 6969739 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| OBKA | 1.15 | 272.6 | Sn | 07:18:59.467 | -0.5 | T__ | | --- | | | 6969752 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MPLH | 1.15 | 52.0 | Pg | 07:18:42.729 | -1.0 | T__ | 1424.1 | ___ | ML | 3.3 | 6969730 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MPLH | 1.15 | 52.0 | Sn | 07:18:58.309 | -0.8 | T__ | | --- | | | 6969751 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.3 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.3 magdef=0) | | | | | | | | | | | | | | | | | | | |
| EGYH | 1.22 | 38.6 | Pn | 07:18:43.742 | -0.4 | T__ | 4059.6 | ___ | ML | 3.8 | 6969733 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| EGYH | 1.22 | 38.6 | Lg | 07:19:01.576 | -1.0 | T__ | | --- | | | 6969753 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| RONA | 1.23 | 2.7 | Pn | 07:18:44.071 | -0.5 | T__ | 2398.7 | ___ | ML | 3.6 | 6969738 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 1.23 | 2.7 | Lg | 07:19:02.103 | 0.5 | T__ | | --- | | | 6969754 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| TREC | 2.87 | 350.5 | Pn | 07:19:07.425 | 0.1 | T__ | 533.4 | ___ | ML | 3.8 | 6969797 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PSZ | 2.90 | 58.7 | Pn | 07:19:07.425 | -0.0 | T__ | 262.3 | ___ | ML | 3.5 | 6969799 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 2.90 | 58.7 | Pg | 07:19:16.758 | -0.6 | T__ | | --- | | | 6969798 | FDSN | GE | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| HU02A | 3.37 | 59.0 | Pn | 07:19:13.831 | -0.0 | T__ | 115.5 | ___ | ML | 3.4 | 6969800 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 3.37 | 59.0 | Pg | 07:19:24.666 | -1.7 | T__ | | --- | | | 6969801 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 3.4 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.4 magdef=0) | | | | | | | | | | | | | | | | | | | |
| MORC | 3.43 | 14.6 | Pn | 07:19:14.701 | -0.4 | T__ | 156.7 | ___ | ML | 3.6 | 6969802 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORC | 3.43 | 14.6 | Pg | 07:19:26.802 | 1.4 | T__ | | --- | | | 6969803 | FDSN | CZ | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KECS | 3.53 | 53.7 | Pg | 07:19:28.620 | -0.4 | T__ | 108.2 | ___ | ML | 3.5 | 6969804 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| JOS | 3.57 | 53.8 | Pn | 07:19:16.441 | -0.1 | T__ | 126.9 | ___ | ML | 3.6 | 6969805 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 3.57 | 53.8 | Pg | 07:19:29.253 | -0.4 | T__ | | --- | | | 6969806 | FDSN | ZJ | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| PRU | 3.69 | 343.0 | Pn | 07:19:18.893 | 0.2 | T__ | 361.2 | ___ | ML | 4.1 | 6969807 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 4.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 4.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| SIRR | 3.78 | 91.1 | Pg | 07:19:33.207 | 0.0 | T__ | 84.5 | ___ | ML | 3.5 | 6969808 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.5 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.5 magdef=0) | | | | | | | | | | | | | | | | | | | |
| BZS | 3.86 | 100.8 | Pn | 07:19:19.763 | -1.0 | T__ | 129.9 | ___ | ML | 3.7 | 6969809 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 3.86 | 100.8 | Pg | 07:19:35.264 | 2.0 | T__ | | --- | | | 6969810 | FDSN | RO | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| ABAH | 3.88 | 60.0 | Pn | 07:19:20.712 | 0.0 | T__ | 130.3 | ___ | ML | 3.7 | 6969811 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 3.88 | 60.0 | Pg | 07:19:35.422 | -0.2 | T__ | | --- | | | 6969812 | FDSN | HU | -- | BUD | iLoc | HHZ | ??? | _ |
| (Reading ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| NIE | 4.03 | 41.5 | Sn | 07:20:11.327 | 0.1 | T__ | | --- | | | 6969813 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ |
| GZR | 4.71 | 100.8 | Pn | 07:19:32.338 | -0.6 | T__ | 68.9 | ___ | ML | 3.6 | 6969814 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| (Reading ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 3.6 magdef=1) | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/25 | 19:59:21.88 | 1.21 | 0.90 | 46.0432 | 16.9746 | 9.9 | 4.5 | 4 | 12.0f | | 13 | 8 | 173 | 0.25 | 1.19 | ke | BUD | 17004074 | BUD | | | 222 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.3 | 5 BUD | 17004074 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| A264A | 0.25 | 61.9 | Pg | 19:59:27.247 | -0.2 | | | | | T__ | | 244.1 | | ___ | ML | 1.4 | 6970384 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A264A | 0.25 | 61.9 | Lg | 19:59:30.520 | -0.7 | | | | | T__ | | | | --- | | 6970387 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|-------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| A263A | 0.64 | 21.4 | Pg | 19:59:34.917 | 0.3 | T__ | 151.6 | ___ | ML | 2.0 | 6970385 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A263A | 0.64 | 21.4 | Lg | 19:59:43.399 | -0.0 | T__ | | --- | | | 6970390 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.0 magdef=1) | | | | | | | | | | | | | | | | | | | |
| KOGS | 0.65 | 309.1 | Pg | 19:59:34.769 | 0.3 | T__ | 95.3 | ___ | ML | 1.8 | 6970389 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.65 | 309.1 | Lg | 19:59:42.954 | -0.2 | T__ | | --- | | | 6970388 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | |
| A265A | 0.69 | 55.9 | Pg | 19:59:34.993 | -0.5 | T__ | 152.9 | ___ | ML | 2.1 | 6970386 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A265A | 0.69 | 55.9 | Lg | 19:59:44.997 | 0.3 | T__ | | --- | | | 6970391 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 2.1 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.1 magdef=0) | | | | | | | | | | | | | | | | | | | |
| PTJ | 0.72 | 259.4 | Lg | 19:59:45.283 | -0.9 | T__ | | --- | | | 6970396 | FDSN | CR | -- | BUD | iLoc | BHN | ??? | _ |
| KOVH | 0.78 | 86.3 | Pg | 19:59:37.771 | 0.4 | T__ | 53.6 | --- | ML | 1.7 | 6970393 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.78 | 86.3 | Lg | 19:59:48.763 | 1.0 | T__ | | --- | | | 6970392 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | |
| MORH | 1.17 | 81.0 | Sn | 20:00:00.425 | 1.7 | T__ | | --- | | | 6970394 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |
| MPLH | 1.19 | 18.9 | Sn | 20:00:00.746 | 1.4 | T__ | | --- | | | 6970395 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/26 | 01:41:00.97 | 1.12 | 0.53 | 45.7461 | 21.5938 | 9.2 | 4.9 | 101 | 4.5 | 24.5 | 8 | 6 | 107 | 0.13 | 1.39 | ke | BUD | 17004076 | BUD | | | 167 |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| BZS | 0.13 | 172.9 | Pg | 01:41:03.841 | 0.0 | | | | | T__ | | 110.9 | | --- | ML | 0.7 | 6970500 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.13 | 172.9 | Lg | 01:41:05.990 | -0.0 | | | | | T__ | | | | --- | | 6970501 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BANR | 0.49 | 221.7 | Lg | 01:41:17.541 | 0.0 | | | | | T__ | | | | --- | | 6970502 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| SIRR | 0.52 | 5.0 | Pg | 01:41:11.946 | 0.3 | | | | | T__ | | 22.4 | | --- | ML | 1.1 | 6970505 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.52 | 5.0 | Lg | 01:41:19.082 | -0.6 | | | | | T__ | | | | --- | | 6970504 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.90 | 112.6 | Lg | 01:41:30.926 | 0.0 | | | | | T__ | | | | --- | | 6970503 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| HU24A | 1.20 | 345.6 | Sn | 01:41:39.951 | -0.5 | | | | | T__ | | | | --- | | 6970506 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| FRGS | 1.39 | 245.5 | Sn | 01:41:44.750 | -0.6 | | | | | T__ | | | | --- | | 6970507 | FDSN | SJ | -- | BUD | iLoc | BHE | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/27 | 11:50:27.56 | 0.70 | 0.55 | 46.4621 | 16.2058 | 4.4 | 3.2 | 120 | 6.4 | 5.9 | 40 | 22 | 78 | 0.03 | 2.59 | ke | BUD | 17004082 | BUD | | | 109 |

Magnitude Err Nsta Author OrigID
ML 2.4 0.2 17 BUD 17004082

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|---------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOGS | 0.03 | 114.4 | Pg | 11:50:28.250 | -0.8 | | | | | T__ | | 25860.5 | | --- | ML | 2.8 | 6971024 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.03 | 114.4 | Pb | 11:50:28.981 | -0.1 | | | | | T__ | | | | --- | | 6971025 | FDSN | SL | -- | BUD | iLoc | BHZ | ??? | _ | |
| KOGS | 0.03 | 114.4 | Lg | 11:50:30.108 | -0.1 | | | | | T__ | | | | --- | | 6971007 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 2.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

SOP 1.25 11.0 Lg 11:51:08.938 0.5 T__ --- 6971036 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 2.4 magdef=1
 (Station ML: 2.4 magdef=1
 KOVH 1.37 105.2 Pn 11:50:51.078 -0.9 T__ 93.2 --- ML 2.2 6971006 FDSN HU -- BUD iLoc HHZ HHZ _
 KOVH 1.37 105.2 Lg 11:51:10.721 -0.8 T__ --- 6971015 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 2.2 magdef=1
 (Station ML: 2.2 magdef=1
 A266A 1.42 86.7 Lg 11:51:14.140 0.4 T__ --- 6971016 FDSN Z3 00 BUD iLoc HHN ??? _
 CONA 1.49 351.0 Pn 11:50:54.595 0.3 T__ 79.8 --- ML 2.2 6971022 FDSN OE -- BUD iLoc HHZ HHZ _
 CONA 1.49 351.0 Pg 11:50:56.256 0.3 T__ --- 6971023 FDSN OE -- BUD iLoc HHZ ??? _
 CONA 1.49 351.0 Lg 11:51:16.937 1.1 T__ --- 6971038 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 2.2 magdef=1
 (Station ML: 2.2 magdef=0
 MORH 1.71 97.4 Lg 11:51:23.549 1.2 T__ --- 6971017 FDSN HU -- BUD iLoc HHN ??? _
 JAVC 2.59 21.9 Pn 11:51:09.704 0.1 T__ 76.9 --- ML 2.8 6971018 FDSN CZ -- BUD iLoc HHZ HHZ _
 (Reading ML: 2.8 magdef=1
 (Station ML: 2.8 magdef=0

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/27 | 12:15:33.13 | 3.21 | 1.85 | 45.5534 | 17.3479 | 31.0 | 9.5 | 173 | 0.0f | 8 | 4 | 228 | 0.75 | 1.35 | sx | BUD | 17004084 | BUD | | | | 266 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.2 | 3 BUD | 17004084 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.75 | 44.2 | Pg | 12:15:49.059 | 0.5 | | | | | T__ | | 42.2 | | --- | ML | 1.5 | 6971109 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.75 | 44.2 | Lg | 12:15:58.588 | -0.8 | | | | | T__ | | | | --- | | 6971116 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 1.12 | 53.4 | Pn | 12:15:55.465 | 0.5 | | | | | T__ | | 33.2 | | --- | ML | 1.6 | 6971111 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 1.12 | 53.4 | Lg | 12:16:10.650 | -1.6 | | | | | T__ | | | | --- | | 6971110 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOGS | 1.18 | 319.9 | Lg | 12:16:12.472 | 0.7 | | | | | T__ | | | | --- | | 6971113 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| CRES | 1.35 | 282.3 | Pn | 12:15:59.188 | 0.2 | | | | | T__ | | 65.8 | | --- | ML | 2.1 | 6971115 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| CRES | 1.35 | 282.3 | Sn | 12:16:14.446 | -3.3 | | | | | T__ | | | | --- | | 6971112 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| CRES | 1.35 | 282.3 | Lg | 12:16:17.220 | -1.5 | | | | | T__ | | | | --- | | 6971114 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|-----|
| 2021/12/27 | 18:07:15.30 | 0.82 | 0.65 | 46.4739 | 16.1929 | 4.0 | 3.5 | 119 | 3.2 | 0.4 | 31 | 18 | 69 | 0.05 | 1.72 | ke | BUD | 17004086 | BUD | | | | 111 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | 0.0 | 13 BUD | 17004086 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOGS | 0.05 | 123.0 | Pg | 18:07:15.998 | -0.6 | | | | | T__ | | 9838.0 | | --- | ML | 2.4 | 6971174 | FDSN | SL | -- | BUD | iLoc | BHZ | BHZ | _ |
| KOGS | 0.05 | 123.0 | Lg | 18:07:17.886 | 0.2 | | | | | T__ | | | | --- | | 6971195 | FDSN | SL | -- | BUD | iLoc | BHN | ??? | _ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

(Reading ML: 2.4 magdef=1

(Station ML: 2.0 magdef=1)

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/28 | 07:50:19.14 | 1.28 | 0.70 | 46.0533 | 22.8142 | 9.8 | 4.6 | 47 | 0.0f | | 9 | 5 | 165 | 0.18 | 0.94 | sx | BUD | 17004088 | BUD | | | 234 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.1 | 4 BUD | 17004088 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.18 | 159.9 | Pg | 07:50:23.039 | 0.4 | | | | | T__ | | 672.6 | | --- | ML | 1.6 | 6971333 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.18 | 159.9 | Lg | 07:50:24.170 | -1.0 | | | | | T__ | | | | --- | | 6971337 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.66 | 182.3 | Pg | 07:50:32.389 | 0.6 | | | | | T__ | | 29.6 | | --- | ML | 1.3 | 6971334 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.66 | 182.3 | Lg | 07:50:40.416 | -0.8 | | | | | T__ | | | | --- | | 6971338 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.74 | 354.5 | Lg | 07:50:45.213 | -0.9 | | | | | T__ | | | | --- | | 6971339 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| SIRR | 0.83 | 285.4 | Pg | 07:50:36.372 | 0.3 | | | | | T__ | | 23.1 | | --- | ML | 1.3 | 6971336 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.83 | 285.4 | Lg | 07:50:48.025 | -0.1 | | | | | T__ | | | | --- | | 6971340 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.94 | 242.9 | Pg | 07:50:37.599 | 0.0 | | | | | T__ | | 24.3 | | --- | ML | 1.4 | 6971335 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.94 | 242.9 | Lg | 07:50:50.740 | -0.1 | | | | | T__ | | | | --- | | 6971341 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/28 | 08:54:15.24 | 1.91 | 0.99 | 46.0548 | 22.8678 | 15.1 | 5.1 | 42 | 0.0f | | 9 | 5 | 208 | 0.17 | 0.98 | sx | BUD | 17004090 | BUD | | | 249 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 4 BUD | 17004090 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.17 | 171.8 | Pg | 08:54:19.041 | 0.5 | | | | | T__ | | 253.1 | | --- | ML | 1.2 | 6971439 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.17 | 171.8 | Lg | 08:54:20.310 | -0.7 | | | | | T__ | | | | --- | | 6971443 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.2 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.66 | 185.5 | Pg | 08:54:28.527 | 0.5 | | | | | T__ | | 49.9 | | --- | ML | 1.6 | 6971440 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.66 | 185.5 | Lg | 08:54:36.503 | -0.9 | | | | | T__ | | | | --- | | 6971444 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.87 | 284.7 | Pg | 08:54:32.996 | 0.1 | | | | | T__ | | 36.8 | | --- | ML | 1.5 | 6971442 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.87 | 284.7 | Lg | 08:54:44.670 | -0.7 | | | | | T__ | | | | --- | | 6971446 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOT | 0.88 | 133.5 | Lg | 08:54:43.535 | -1.3 | | | | | T__ | | | | --- | | 6971445 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| BZS | 0.98 | 243.8 | Pg | 08:54:35.274 | 1.0 | | | | | T__ | | 37.8 | | --- | ML | 1.6 | 6971441 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.98 | 243.8 | Lg | 08:54:47.167 | -0.9 | | | | | T__ | | | | --- | | 6971447 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

(Station ML: 1.6 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/28 | 08:57:07.59 | 0.87 | 0.95 | 48.4966 | 20.7513 | 4.3 | 3.3 | 5 | 0.0f | | 19 | 10 | 83 | 0.14 | 1.27 | sx | BUD | 17004092 | BUD | | | 155 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.2 | 8 BUD | 17004092 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| JOS | 0.14 | 269.8 | Pg | 08:57:10.982 | 0.3 | | | | | T__ | | 240.1 | | _c_ | ML | 1.1 | 6971489 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.14 | 269.8 | Lg | 08:57:13.151 | 0.1 | | | | | T__ | | | | --- | | 6971496 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.18 | 265.8 | Pg | 08:57:11.499 | 0.1 | | | | | T__ | | 472.5 | | --- | ML | 1.5 | 6971490 | FDSN | SK | -- | BUD | iLoc | EHZ | EHZ | _ |
| KECS | 0.18 | 265.8 | Lg | 08:57:14.506 | 0.1 | | | | | T__ | | | | --- | | 6971497 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABAH | 0.38 | 121.5 | Pg | 08:57:15.758 | 0.3 | | | | | T__ | | 50.6 | | --- | ML | 1.1 | 6971493 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.38 | 121.5 | Lg | 08:57:21.491 | -0.7 | | | | | T__ | | | | --- | | 6971498 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| HU02A | 0.40 | 202.0 | Pg | 08:57:16.483 | 0.2 | | | | | T__ | | 46.4 | | --- | ML | 1.1 | 6971492 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.40 | 202.0 | Lg | 08:57:22.805 | -0.1 | | | | | T__ | | | | --- | | 6971491 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSZ | 0.81 | 225.0 | Pg | 08:57:25.531 | 0.7 | | | | | T__ | | 41.6 | | --- | ML | 1.6 | 6971494 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 0.81 | 225.0 | Lg | 08:57:36.037 | -1.1 | | | | | T__ | | | | --- | | 6971499 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 0.85 | 223.9 | Lg | 08:57:37.410 | -0.6 | | | | | T__ | | | | --- | | 6971500 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| NIE | 0.97 | 342.3 | Pg | 08:57:26.079 | 0.2 | | | | | T__ | | 27.4 | | --- | ML | 1.5 | 6971502 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.97 | 342.3 | Lg | 08:57:38.507 | -1.2 | | | | | T__ | | | | --- | | 6971501 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOLS | 1.10 | 66.0 | Pg | 08:57:29.433 | 0.9 | | | | | T__ | | | | --- | | 6971503 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 1.10 | 66.0 | Lg | 08:57:43.628 | -1.9 | | | | | T__ | | | | --- | | 6971504 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| TRPA | 1.25 | 106.4 | Pn | 08:57:31.731 | 0.5 | | | | | T__ | | 44.7 | | --- | ML | 1.8 | 6971506 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TRPA | 1.25 | 106.4 | Sn | 08:57:48.529 | -1.6 | | | | | T__ | | | | --- | | 6971505 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| VYHS | 1.27 | 270.6 | Pn | 08:57:31.952 | 0.2 | | | | | T__ | | 13.6 | | --- | ML | 1.3 | 6971495 | FDSN | SK | -- | BUD | iLoc | HHZ | HHZ | _ |
| VYHS | 1.27 | 270.6 | Sn | 08:57:49.184 | -1.7 | | | | | T__ | | | | --- | | 6971507 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/28 | 09:40:00.25 | 1.08 | 1.06 | 48.7935 | 21.2165 | 6.1 | 5.1 | 69 | 0.0f | | 15 | 9 | 121 | 0.50 | 1.28 | sx | BUD | 17004094 | BUD | | | 200 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.6 | 0.1 | 6 BUD | 17004094 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| ABAH | 0.50 | 178.2 | Pg | 09:40:11.104 | 0.8 | | | | | T__ | | 78.0 | | --- | ML | 1.6 | 6971555 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.50 | 178.2 | Lg | 09:40:18.108 | -0.7 | | | | | T__ | | | | --- | | 6971556 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOS | 0.54 | 236.7 | Pg | 09:40:11.011 | -0.0 | | | | | T__ | | 44.4 | | --- | ML | 1.4 | 6971551 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.54 | 236.7 | Lg | 09:40:19.038 | -0.1 | | | | | T__ | | | | --- | | 6971552 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| KECS | 0.58 | 237.6 | Lg | 09:40:19.799 | -0.7 | | | | | T__ | | | | --- | | 6971557 | FDSN | SK | -- | BUD | iLoc | EHN | ??? | _ | |
| KOLS | 0.71 | 78.3 | Lg | 09:40:23.566 | -1.9 | | | | | T__ | | | | --- | | 6971558 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| HU02A | 0.81 | 214.7 | Pg | 09:40:17.033 | -0.0 | | | | | T__ | | 41.3 | | --- | ML | 1.6 | 6971561 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 0.81 | 214.7 | Lg | 09:40:28.686 | -0.9 | | | | | T__ | | | | --- | | 6971560 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.6 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIE | 0.87 | 316.4 | Pg | 09:40:17.174 | 0.5 | | | | | T__ | | 21.5 | | --- | ML | 1.3 | 6971559 | FDSN | PL | -- | BUD | iLoc | BHZ | BHZ | _ |
| NIE | 0.87 | 316.4 | Lg | 09:40:28.517 | -0.5 | | | | | T__ | | | | --- | | 6971554 | FDSN | PL | -- | BUD | iLoc | BHN | ??? | _ | |
| (Reading ML: 1.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 1.10 | 126.5 | Lg | 09:40:36.969 | -1.5 | | | | | T__ | | | | --- | | 6971562 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| PSZ | 1.24 | 225.7 | Pn | 09:40:24.792 | 0.7 | | | | | T__ | | 41.7 | | --- | ML | 1.8 | 6971563 | FDSN | GE | -- | BUD | iLoc | HHZ | HHZ | _ |
| PSZ | 1.24 | 225.7 | Sn | 09:40:41.775 | -1.2 | | | | | T__ | | | | --- | | 6971553 | FDSN | GE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ET1H | 1.28 | 225.0 | Pn | 09:40:26.005 | 1.6 | | | | | T__ | | 31.7 | | --- | ML | 1.7 | 6971565 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ET1H | 1.28 | 225.0 | Sn | 09:40:42.864 | -0.5 | | | | | T__ | | | | --- | | 6971564 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/28 | 09:53:19.61 | 0.90 | 1.05 | 47.9587 | 16.6262 | 5.1 | 3.6 | 134 | 0.0f | | 12 | 9 | 92 | 0.28 | 1.14 | sx | BUD | 17004096 | BUD | | | 130 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.5 | 0.6 | 3 BUD | 17004096 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| SOP | 0.28 | 189.5 | Lg | 09:53:29.372 | -0.2 | | | | | T__ | | | | --- | | 6971604 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| RONA | 0.34 | 220.7 | Pg | 09:53:26.431 | -0.2 | | | | | T__ | | 70.7 | | --- | ML | 1.1 | 6971601 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.34 | 220.7 | Lg | 09:53:31.265 | -0.2 | | | | | T__ | | | | --- | | 6971605 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.1 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.51 | 266.9 | Pg | 09:53:30.038 | 0.1 | | | | | T__ | | 62.2 | | --- | ML | 1.5 | 6971599 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.51 | 266.9 | Lg | 09:53:37.074 | 0.2 | | | | | T__ | | | | --- | | 6971600 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.5 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.60 | 46.2 | Pg | 09:53:33.070 | 0.9 | | | | | T__ | | | | --- | | 6971606 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| MODS | 0.60 | 46.2 | Lg | 09:53:41.190 | -0.6 | | | | | T__ | | | | --- | | 6971603 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| EGYH | 0.72 | 138.4 | Lg | 09:53:43.985 | -1.0 | | | | | T__ | | | | --- | | 6971607 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.00 | 141.6 | Lg | 09:53:53.897 | -0.3 | | | | | T__ | | | | --- | | 6971608 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| ARSA | 1.03 | 226.9 | Lg | 09:53:53.722 | 1.3 | | | | | T__ | | | | --- | | 6971602 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.11 | 352.2 | Lg | 09:53:55.159 | -2.3 | | | | | T__ | | | | --- | | 6971609 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |

JAVC 1.14 37.3 Pn 09:53:43.014 0.5 T__ 72.2 ___ ML 2.0 6971610 FDSN CZ -- BUD iLoc HHZ HHZ _
 (Reading ML: 2.0 magdef=1
 (Station ML: 2.0 magdef=1

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/28 | 13:10:06.14 | 0.91 | 0.60 | 47.8662 | 16.0859 | 5.9 | 5.7 | 141 | 0.0f | 14 | 7 | 82 | 0.16 | 1.52 | sx | BUD | 17004100 | BUD | | | | 154 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.5 | 6 BUD | 17004100 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| CONA | 0.16 | 292.5 | Pg | 13:10:09.453 | -0.2 | | | | | T__ | | 227.9 | | ___ | ML | 1.1 | 6971701 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| CONA | 0.16 | 292.5 | Lg | 13:10:11.592 | -0.5 | | | | | T__ | | | | --- | | 6971709 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| RONA | 0.22 | 139.5 | Pg | 13:10:11.388 | 0.6 | | | | | T__ | | 70.6 | | ___ | ML | 0.8 | 6971702 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| RONA | 0.22 | 139.5 | Lg | 13:10:14.115 | 0.1 | | | | | T__ | | | | --- | | 6971710 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSA | 0.72 | 212.0 | Pg | 13:10:19.643 | -0.5 | | | | | T__ | | 54.3 | | ___ | ML | 1.6 | 6971703 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.72 | 212.0 | Lg | 13:10:29.281 | -0.0 | | | | | T__ | | | | --- | | 6971711 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.95 | 57.1 | Lg | 13:10:39.113 | -0.8 | | | | | T__ | | | | --- | | 6971712 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.21 | 9.6 | Pg | 13:10:29.949 | 0.5 | | | | | T__ | | 67.5 | | ___ | ML | 2.0 | 6971705 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.21 | 9.6 | Sn | 13:10:46.747 | -0.2 | | | | | T__ | | | | --- | | 6971704 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TREC | 1.48 | 344.7 | Pn | 13:10:34.224 | 0.5 | | | | | T__ | | 98.4 | | ___ | ML | 2.3 | 6971708 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| TREC | 1.48 | 344.7 | Sn | 13:10:54.307 | 0.9 | | | | | T__ | | | | --- | | 6971707 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.52 | 309.5 | Pn | 13:10:34.609 | 0.4 | | | | | T__ | | 102.9 | | ___ | ML | 2.4 | 6971714 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.52 | 309.5 | Pg | 13:10:35.477 | 0.8 | | | | | T__ | | | | --- | | 6971706 | FDSN | CZ | -- | BUD | iLoc | HHZ | ??? | _ | |
| CKRC | 1.52 | 309.5 | Sn | 13:10:54.506 | -0.3 | | | | | T__ | | | | --- | | 6971713 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|--------|----------|--------|-----|-------|-----|-----|-----|
| 2021/12/29 | 08:07:38.22 | 0.83 | 0.94 | 47.1260 | 18.1027 | 3.8 | 3.4 | 89 | 0.0f | 20 | 11 | 67 | 0.26 | 1.72 | kx | BUD | 17004104 | BUD | | | | | 100 |
| 2021/12/29 | 08:07:38.18 | 0.83 | 0.88 | 47.1240 | 18.0700f | | | | 0.0f | 20 | 11 | 69 | 0.25 | 1.70 | kx | BUD_GT | 17004105 | BUD_GT | | | | | 98 |

(locality : Vilonya Hungary)
 (GT info : GT2 explosion)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|----------|----------|
| ML | 1.7 | 0.2 | 9 BUD_GT | 17004105 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| TIH | 0.25 | 208.5 | Pg | 08:07:44.513 | 0.7 | | | | | T__ | | 457.0 | | ___ | ML | 1.7 | 6971893 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| TIH | 0.25 | 208.5 | Lg | 08:07:47.581 | -0.7 | | | | | T__ | | | | --- | | 6971902 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CSKK 0.27 28.4 Pg 08:07:44.408 0.2 T__ 145.3 ___ ML 1.2 6971892 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.27 28.4 Lg 08:07:47.631 -1.8 T__ ___ 6971901 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU08A 0.32 342.1 Lg 08:07:50.299 -0.7 T__ ___ 6971904 FDSN ZJ 00 BUD iLoc HHN ??? _
A267A 0.33 122.1 Pg 08:07:45.900 0.6 T__ 151.5 ___ ML 1.4 6971891 FDSN Z3 00 BUD iLoc HHZ HHZ _
A267A 0.33 122.1 Lg 08:07:49.681 -1.5 T__ ___ 6971903 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MPLH 0.37 277.5 Pg 08:07:47.303 1.3 T__ 151.1 ___ ML 1.5 6971890 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.37 277.5 Lg 08:07:52.091 0.0 T__ ___ 6971894 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.99 156.3 Pg 08:07:57.881 -0.1 T__ 45.3 ___ ML 1.7 6971896 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.99 156.3 Lg 08:08:11.642 -0.8 T__ ___ 6971895 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOVH 1.04 178.8 Pg 08:07:59.125 0.1 T__ 51.1 ___ ML 1.8 6971906 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.04 178.8 Lg 08:08:13.257 -1.0 T__ ___ 6971905 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 1.44 57.6 Pn 08:08:04.880 0.5 T__ 40.9 ___ ML 1.9 6971897 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.44 57.6 Sn 08:08:24.281 -0.7 T__ ___ 6971907 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS 1.46 20.4 Pn 08:08:05.892 0.9 T__ 16.8 ___ ML 1.5 6971898 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.46 20.4 Sn 08:08:25.665 -0.6 T__ ___ 6971908 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 1.47 56.6 Pn 08:08:06.214 1.2 T__ 62.4 ___ ML 2.1 6971900 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.47 56.6 Sn 08:08:25.614 -0.7 T__ ___ 6971899 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
CONA 1.70 299.1 Lg 08:08:33.169 -0.2 T__ ___ 6971909 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/29 13:44:08.46 0.91 0.71 47.8574 16.0698 5.5 3.6 41 0.0f 12 7 85 0.16 1.52 sx BUD 17004106 BUD 161

```

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 5 BUD 17004106

```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
CONA 0.16 296.9 Pg 13:44:12.055 0.2 T__ 158.2 ___ ML 0.9 6971968 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.16 296.9 Lg 13:44:13.884 -0.3 T__ ___ 6971970 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
RONA 0.22 135.8 Pg 13:44:13.915 0.8 T__ 74.1 ___ ML 0.8 6971969 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.22 135.8 Lg 13:44:15.960 -0.5 T__ ___ 6971971 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0

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| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|----|--------------|------|-----|--|--|--|------|--|--|--|--|---------|---------|------|----|-----|------|------|-----|-----|---|
| A008A | 0.58 | 331.5 | Lg | 13:44:28.440 | 0.8 | T__ | | | | | | | | | 6971972 | FDSN | Z3 | 00 | BUD | iLoc | HH2 | ??? | _ | |
| ARSA | 0.71 | 211.6 | Pg | 13:44:21.601 | -0.6 | T__ | | | | 63.9 | | | | | 1.7 | 6971979 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ |
| ARSA | 0.71 | 211.6 | Lg | 13:44:30.898 | -0.3 | T__ | | | | | | | | | 6971973 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| MODS | 0.96 | 57.0 | Lg | 13:44:41.256 | -1.5 | T__ | | | | | | | | | 6971974 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| KRUC | 1.22 | 10.1 | Pg | 13:44:32.200 | 0.2 | T__ | | | | 54.4 | | | | | 1.9 | 6971976 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| KRUC | 1.22 | 10.1 | Sn | 13:44:49.183 | -0.4 | T__ | | | | | | | | | 6971975 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| CKRC | 1.52 | 310.0 | Pn | 13:44:36.496 | 0.0 | T__ | | | | 84.3 | | | | | 2.3 | 6971978 | FDSN | CZ | -- | BUD | iLoc | HHZ | HHZ | _ |
| CKRC | 1.52 | 310.0 | Sn | 13:44:56.888 | -0.2 | T__ | | | | | | | | | 6971977 | FDSN | CZ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 2.3 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 2.3 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/12/30 | 04:39:31.39 | 2.18 | 0.84 | 45.7380 | 21.5066 | 24.5 | 8.8 | 68 | 6.8 | 24.6 | 6 | 4 | 223 | 0.14 | 1.34 | ke | BUD | 17004108 | BUD | | | 260 |

Magnitude Err Nsta Author OrigID

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| BZS | 0.14 | 147.5 | Pg | 04:39:34.786 | 0.2 | | | | | T__ | | 148.0 | | | ML | 0.9 | 6972094 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.14 | 147.5 | Lg | 04:39:36.610 | -0.4 | | | | | T__ | | | | | | 6972095 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 0.9 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.54 | 11.3 | Pg | 04:39:42.603 | 0.2 | | | | | T__ | | 36.5 | | | ML | 1.4 | 6972097 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.54 | 11.3 | Lg | 04:39:50.108 | -0.4 | | | | | T__ | | | | | | 6972096 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |
| (Reading ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.96 | 110.7 | Lg | 04:40:03.136 | 0.1 | | | | | T__ | | | | | | 6972098 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| DRGR | 1.34 | 38.0 | Sn | 04:40:15.643 | 1.0 | | | | | T__ | | | | | | 6972099 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
| 2021/12/30 | 09:00:15.04 | 1.07 | 0.64 | 48.8211 | 21.8013 | 13.9 | 4.0 | 151 | 0.0f | | 9 | 5 | 180 | 0.33 | 1.10 | sx | BUD | 17004110 | BUD | | | 255 |

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 3 BUD 17004110

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
| KOLS | 0.33 | 70.0 | Pg | 09:00:21.880 | 0.2 | | | | | T__ | | | | | | 6972123 | FDSN | SK | -- | BUD | iLoc | HHZ | ??? | _ | |
| KOLS | 0.33 | 70.0 | Lg | 09:00:26.662 | -0.6 | | | | | T__ | | | | | | 6972126 | FDSN | SK | -- | BUD | iLoc | HHN | ??? | _ | |
| ABAH | 0.64 | 215.6 | Pg | 09:00:28.078 | 0.2 | | | | | T__ | | 83.8 | | | ML | 1.8 | 6972122 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| ABAH | 0.64 | 215.6 | Lg | 09:00:38.555 | -0.1 | | | | | T__ | | | | | | 6972127 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRPA | 0.85 | 144.3 | Lg | 09:00:45.774 | 0.4 | | | | | T__ | | | | | | 6972129 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| JOS | 0.90 | 249.2 | Pg | 09:00:33.026 | 0.2 | | | | | T__ | | 68.0 | | | ML | 1.8 | 6972125 | FDSN | ZJ | -- | BUD | iLoc | HHZ | HHZ | _ |
| JOS | 0.90 | 249.2 | Lg | 09:00:46.073 | -0.1 | | | | | T__ | | | | | | 6972128 | FDSN | ZJ | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Station ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|-----|------|-----|----|-----|---------|------|----|----|-----|------|-----|-----|---|
| HU02A | 1.10 | 231.0 | Pn | 09:00:35.915 | -0.8 | T__ | 66.8 | ___ | ML | 1.9 | 6972124 | FDSN | ZJ | 00 | BUD | iLoc | HHZ | HHZ | _ |
| HU02A | 1.10 | 231.0 | Lg | 09:00:52.730 | -1.0 | T__ | | --- | | | 6972130 | FDSN | ZJ | 00 | BUD | iLoc | HHN | ??? | _ |

(Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1)

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/30 | 09:47:41.74 | 1.09 | 0.82 | 46.1221 | 18.0491 | 8.0 | 4.0 | 144 | 0.0f | 8 | 5 | 123 | | 0.05 | 1.11 | sx | BUD | 17004112 | BUD | | | 207 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 0.0 | 3 BUD | 17004112 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| KOVH | 0.05 | 133.7 | Pg | 09:47:43.775 | 0.3 | | | | | T__ | | 990.4 | | _c | ML | 1.4 | 6972154 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| KOVH | 0.05 | 133.7 | Lg | 09:47:44.519 | -0.6 | | | | | T__ | | | | --- | | 6972157 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A273A | 0.26 | 218.3 | Pg | 09:47:47.913 | 0.4 | | | | | T__ | | 500.8 | | --- | ML | 1.7 | 6972155 | FDSN | Z3 | 00 | BUD | iLoc | HHZ | HHZ | _ |
| A273A | 0.26 | 218.3 | Lg | 09:47:50.872 | -0.7 | | | | | T__ | | | | --- | | 6972158 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORH | 0.42 | 77.1 | Pg | 09:47:51.105 | 0.4 | | | | | T__ | | 88.3 | | --- | ML | 1.4 | 6972156 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ |
| MORH | 0.42 | 77.1 | Lg | 09:47:57.071 | -0.5 | | | | | T__ | | | | --- | | 6972160 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| A266A | 0.43 | 20.2 | Lg | 09:47:57.226 | -0.6 | | | | | T__ | | | | --- | | 6972159 | FDSN | Z3 | 00 | BUD | iLoc | HHN | ??? | _ | |
| MPLH | 1.11 | 341.7 | Sn | 09:48:18.654 | -1.2 | | | | | T__ | | | | --- | | 6972161 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/30 | 10:11:44.57 | 1.11 | 1.13 | 46.1003 | 22.6915 | 8.1 | 4.3 | 34 | 0.0f | 11 | 6 | 129 | | 0.26 | 1.00 | sx | BUD | 17004114 | BUD | | | 206 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | 0.0 | 5 BUD | 17004114 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACh | L | |
|---|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-----|------|-----------|---------|---------|--------|----|------|------|------|-----|-----|---|
| DEV | 0.26 | 145.7 | Pg | 10:11:49.902 | 0.3 | | | | | T__ | | 419.4 | | --- | ML | 1.7 | 6972285 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| DEV | 0.26 | 145.7 | Lg | 10:11:52.072 | -1.2 | | | | | T__ | | | | --- | | 6972286 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.69 | 1.1 | Lg | 10:12:08.648 | -1.1 | | | | | T__ | | | | --- | | 6972287 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| GZR | 0.71 | 175.1 | Pg | 10:11:59.139 | 1.0 | | | | | T__ | | 96.0 | | --- | ML | 1.9 | 6972280 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| GZR | 0.71 | 175.1 | Lg | 10:12:07.259 | -1.0 | | | | | T__ | | | | --- | | 6972284 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.74 | 283.5 | Pg | 10:12:00.085 | 0.4 | | | | | T__ | | 32.1 | | --- | ML | 1.4 | 6972283 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| SIRR | 0.74 | 283.5 | Lg | 10:12:10.437 | -0.5 | | | | | T__ | | | | --- | | 6972288 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0) | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.89 | 237.6 | Pg | 10:12:02.007 | 0.0 | | | | | T__ | | 68.6 | | --- | ML | 1.8 | 6972282 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ |
| BZS | 0.89 | 237.6 | Lg | 10:12:14.341 | -0.3 | | | | | T__ | | | | --- | | 6972289 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | |
| (Reading ML: 1.8 magdef=1) | | | | | | | | | | | | | | | | | | | | | | | | | |

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(Station ML: 1.8 magdef=1
LOT 1.00 130.5 Pg 10:12:05.008 1.3 T__ 61.6 ___ ML 1.8 6972281 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.00 130.5 Lg 10:12:16.413 -1.8 T__ ___ 6972290 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|------|-------|-------|------|----------|--------|-----|-------|-----|-----|
| 2021/12/30 | 11:06:44.87 | 0.94 | 1.11 | 45.9919 | 22.7218 | 5.8 | 3.9 | 49 | 0.0f | 11 | 7 | 86 | 0.17 | 0.94 | sx | BUD | 17004116 | BUD | | | | 126 |

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 4 BUD 17004116

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| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| DEV | 0.17 | 130.5 | Pg | 11:06:48.472 | 0.4 | | | | | T__ | | 1098.2 | | ___ | ML | 1.8 6972322 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| DEV | 0.17 | 130.5 | Lg | 11:06:50.192 | -0.2 | | | | | T__ | | | | --- | | 6972325 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GZR | 0.60 | 176.3 | Pg | 11:06:56.799 | 0.4 | | | | | T__ | | 58.2 | | ___ | ML | 1.6 6972323 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| GZR | 0.60 | 176.3 | Lg | 11:07:04.702 | -0.3 | | | | | T__ | | | | --- | | 6972326 | FDSN | RO | -- | BUD | iLoc | HHE | ??? | _ | | |
| (Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIRR | 0.79 | 290.8 | Pg | 11:07:01.690 | 0.7 | | | | | T__ | | 40.7 | | ___ | ML | 1.5 6972329 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| SIRR | 0.79 | 290.8 | Lg | 11:07:12.054 | -0.5 | | | | | T__ | | | | --- | | 6972324 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRGR | 0.80 | 359.5 | Pg | 11:07:01.567 | 0.6 | | | | | T__ | | 83.2 | | ___ | ML | 1.9 6972327 | FDSN | RO | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| DRGR | 0.80 | 359.5 | Lg | 11:07:12.042 | -1.2 | | | | | T__ | | | | --- | | 6972328 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BZS | 0.86 | 244.5 | Lg | 11:07:12.224 | -1.6 | | | | | T__ | | | | --- | | 6972332 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| LOT | 0.91 | 126.2 | Lg | 11:07:14.913 | -0.8 | | | | | T__ | | | | --- | | 6972330 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |
| CJR | 0.94 | 39.8 | Lg | 11:07:16.124 | -1.9 | | | | | T__ | | | | --- | | 6972331 | FDSN | RO | -- | BUD | iLoc | HHN | ??? | _ | | |

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | Rep | DPdep | Err | Sgp |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|------|------|------|-----|-------|-------|------|--------|----------|-----|-------|-----|-----|
| 2021/12/30 | 18:02:59.88 | 1.06 | 0.36 | 47.8300 | 16.2165 | 6.8 | 3.3 | 42 | 9.9 | 10.1 | 13 | 7 | 116 | 0.14 | 1.24 | ke | BUD | 17004120 | BUD | | | 157 |

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.6 6 BUD 17004120

```

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | ArrID | Agy | Deploy | Ln | Auth | Rep | PCh | ACH | L | | |
|--|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|-----|------|-----------|-------------|------|--------|----|------|------|-----|-----|---|--|--|
| RONA | 0.14 | 157.5 | Pg | 18:03:03.269 | -0.2 | | | | | T__ | | 82.0 | | _d | ML | 0.6 6972581 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| RONA | 0.14 | 157.5 | Lg | 18:03:05.640 | -0.3 | | | | | T__ | | | | --- | | 6972580 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONA | 0.26 | 292.5 | Pg | 18:03:05.671 | 0.2 | | | | | T__ | | 95.5 | | ___ | ML | 1.0 6972578 | FDSN | OE | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| CONA | 0.26 | 292.5 | Lg | 18:03:09.437 | 0.1 | | | | | T__ | | | | --- | | 6972579 | FDSN | OE | -- | BUD | iLoc | HHN | ??? | _ | | |
| (Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOP | 0.27 | 122.4 | Pg | 18:03:05.886 | 0.2 | | | | | T__ | | 82.8 | | ___ | ML | 1.0 6972586 | FDSN | HU | -- | BUD | iLoc | HHZ | HHZ | _ | | |
| SOP | 0.27 | 122.4 | Lg | 18:03:09.946 | 0.2 | | | | | T__ | | | | --- | | 6972587 | FDSN | HU | -- | BUD | iLoc | HHN | ??? | _ | | |

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A008A 0.66 325.2 Pg 18:03:12.536 -0.1 T__ 80.5 --- ML 1.8 6972582 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.66 325.2 Lg 18:03:21.353 -0.3 T__ --- 6972588 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ARSA 0.75 219.3 Pg 18:03:13.879 -0.6 T__ 125.5 --- ML 2.0 6972589 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.75 219.3 Lg 18:03:24.498 0.6 T__ --- 6972583 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A262A 0.99 167.5 Lg 18:03:32.176 -0.0 T__ --- 6972584 FDSN Z3 00 BUD iLoc HHN ??? _
KRUC 1.24 5.4 Pn 18:03:22.861 0.2 T__ 79.2 --- ML 2.1 6972590 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.24 5.4 Sn 18:03:39.720 0.3 T__ --- 6972585 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0

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