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Foreword

Until the 1st of April 2021, the Geodetic and Geophysical Institute (GGI) which includes the Kövesligethy Radó Seismological Observatory was part of the Research Centre for Astronomy and Earth Sciences. After the 1st of April 2021, it continues its work as an independent institute called Institute of Earth Physics and Space Science (EPSS). The Bulletin is published by EPSS, but in the text we used the GGI name valid in 2020. The authors contributed to the preparation of this publication as the staff members of CSFK GGI and/or EPSS.

In 2020, the Kövesligethy Radó Seismological Observatory continued to operate the 41 permanent and temporary broadband stations installed in the previous years. Additionally, 5 temporary stations were deployed for monitoring the local seismicity in two regions.

During the year, 1362 local events have been detected by the Network and 16 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 2020, the Hungarian National Seismological Network (HNSN) operated by the CSFK GGI Kövesligethy Radó Seismological Observatory (KRSO) 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 installed in two seismically active region in Hungary: 3 short period instruments in the Mór Graben and two broadband instruments in Heves county.

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 2020

Station	Lat. (°N)	Lon. (°E)	Height (m)	Sensor ^a	Acquisition ^b	Org. ^c	Period ^d
ABAH Abaujkér	48.2961	21.2397	195	STS-2.5	DM24S3	GGI	01.01-12.31
AMBH Ambrózfalva	46.3501	20.7258	88	CMG-3T	Radian	GGI	05.29-12.31
BEHE Becsehely	46.4706	16.7757	289	CMG-3T	DM24S3	GGI	01.01-12.31
BSZH Besenyszög	47.2996	20.2670	82	CMG-3T	DM24S3	GGI	01.01-12.31
BUD Budapest	47.4831	19.0201	195	STS-2	PS-6-24 and SeisComP PC	GGI	01.01-12.31
CSKK Csókakő	48.3631	18.2605	319	CMG-3ESP CMG-3T	CMG-3ESP DM24SE	GGI	01.01-02.11 02.11-12.31
EGYH Egyházaskesző	47.4163	17.3319	129	CMG-3T	DM24S3	GGI	01.01-12.31
KOVH Kővágótöttös	46.0883	18.0999	270	STS-2.5	PS-6-24 and SeisComP PC	GGI	01.01-12.31
LTVH Létavértes	47.3849	21.9007	121	CMG-3T	DM24S3	GGI	01.01-12.31
MORH Mórágyp	46.2149	18.6435	135	STS-2	DM24S3	GGI	01.01-12.31
MPLH Magyarpolány	47.1712	17.5348	337	STS-2.5	PS-6-24 and SeisComP PC	GGI	01.01-12.31
PSZ Piszkéstető	47.9181	19.8933	940	STS-2	PS-6-24 and SeisComP PC	GEOFON GGI	01.01-12.31
SOP Sopron	47.6807	16.5567	260	STS-2	PS-6-24 and SeisComP PC	GGI	01.01-12.31
TIH Tihany	46.9001	17.8878	189	CMG-3T	DM24S3	MBFSZ GGI	01.01-12.31
TRPA Tarpa	48.1304	22.5391	113	STS-2	DM24S3	GGI	01.01-12.31

^a Sensors:

CMG-3T – Guralp CMG-3T broadband seismometer
 CMG-3ESP – Guralp CMG-3SP seismometer/digitizer
 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
 GGI – Geodetic and Geophysical Institute, CSFK, Hungary
 MBFSZ – Mining and Geological Survey of Hungary

^d Availability period in 2020

Table 1.2: Parameters of the temporary stations of the Hungarian National Seismological Network in 2020

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 GGI	01.01-12.31
A261A Óhíd	46.9520	17.1486	171	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
A262A Szaknyér	46.8642	16.5276	240	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
A263A Hollád	46.6408	17.3149	165	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
A264A Tarany	46.1597	17.2897	143	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
A265A Kaposfüred	46.4245	17.7954	151	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
A266A Gyulaj	46.5256	18.2647	219	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
A267A Káloz	46.9463	18.4820	116	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
A271A Ivácsa	47.1547	18.8341	165	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
A272A Bölcske	46.7444	18.9654	170	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
A273A Marócsa	45.9163	17.8161	100	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
ET1H Gyöngyösoroszi	47.8791	19.8713	400	CMG-3T	DM24S3	RMKI GGI	01.01-12.31

^a Sensors:

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

Horizon120 – Nanometrics Trillium Horizon 120 broadband seismometer

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

DM24S3 – Guralp CMG-DM24S3EAM data acquisition system

Centaur – Nanometrics Centaur 24-bit digitiser

^c Operating organization:

DSEBRA – German Seismological Broadband Array

GGI – Geodetic and Geophysical Institute, CSFK, Hungary

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

^d Availability period in 2020

Table 1.3: Parameters of the temporary stations of the Hungarian National Seismological Network in 2020

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	GGI	01.01-12.31
HU02A Szentlélek	48.1222	20.525	760	CMG-3T	DM24S3	GGI	01.01-12.31
HU03A Ecseg	47.9039	19.5997	175	CMG-3T	DM24S3	GGI	01.01-12.31
HU04A Ágasegyháza	46.8123	19.4784	116	CMG-3T	DM24S3	GGI	01.01-12.31
HU05A Hortobágy	47.5514	21.1376	91	CMG-3T	DM24S3	GGI	01.01-12.31
HU06A Eperjes	46.7123	20.5675	79	CMG-3T	DM24S3	GGI	01.01-12.31
HU07A Apagy	47.9811	21.9143	118	CMG-3T	DM24S3	GGI	01.01-12.31
HU08A Réde	47.6386	18.3824	195	CMG-3T	DM24S3	GGI	01.01-12.31
HU09A Baj	47.4313	17.9238	201	CMG-3T	DM24S3	GGI	01.01-12.31
HU10A Szokolya	47.8452	19.0186	152	CMG-3T	DM24S3	GGI	01.01-12.31
HU21A Pusztamérges	46.3329	19.729	163	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
HU22A Érsekhalma	46.3278	19.1311	135	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
HU23A Bernáthegy	47.6389	20.2496	158	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
HU24A Bélmegyer	46.9099	21.159	120	Horizon120	Centaur	DSEBRA GGI	01.01-12.31
JOS Jósvafő	48.4955	20.5374	288	STS-2	EDR	GGI	01.01-12.31
ATAN3 Átány	47.6116	20.3561	92	Horizon120	Centaur	GGI	06.29-12.31
TENKA Tenk	47.6543	20.348	100	Horizon120	Centaur	GGI	06.29-12.31
MSW1 Pusztavám	47.3929	18.259	141	LE-3D	DM24S3	GGI	03.26-12.31
MSW2 Fehérvárcsurgó	47.3023	18.2109	286	LE-3D	DM24S3	GGI	03.26-12.31
MSW3 Tímárpuszt	47.3831	18.1261	199	LE-3D	DM24S3	GGI	03.26-12.31

^a Sensors:

CMG-3T – Guralp CMG-3T broadband seismometer; Horizon120 – Nanometrics Trillium Horizon 120 broadband seismometer; LE-3D – Lennartz 5s short period 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; Taurus – Nanometrics Taurus 24-bit digitiser; Centaur – Nanometrics Centaur 24-bit digitiser

^c Operating organization:

DSEBRA – German Seismological Broadband Array

GGI – Geodetic and Geophysical Institute, CSFK, Hungary

^d Availability period in 2020

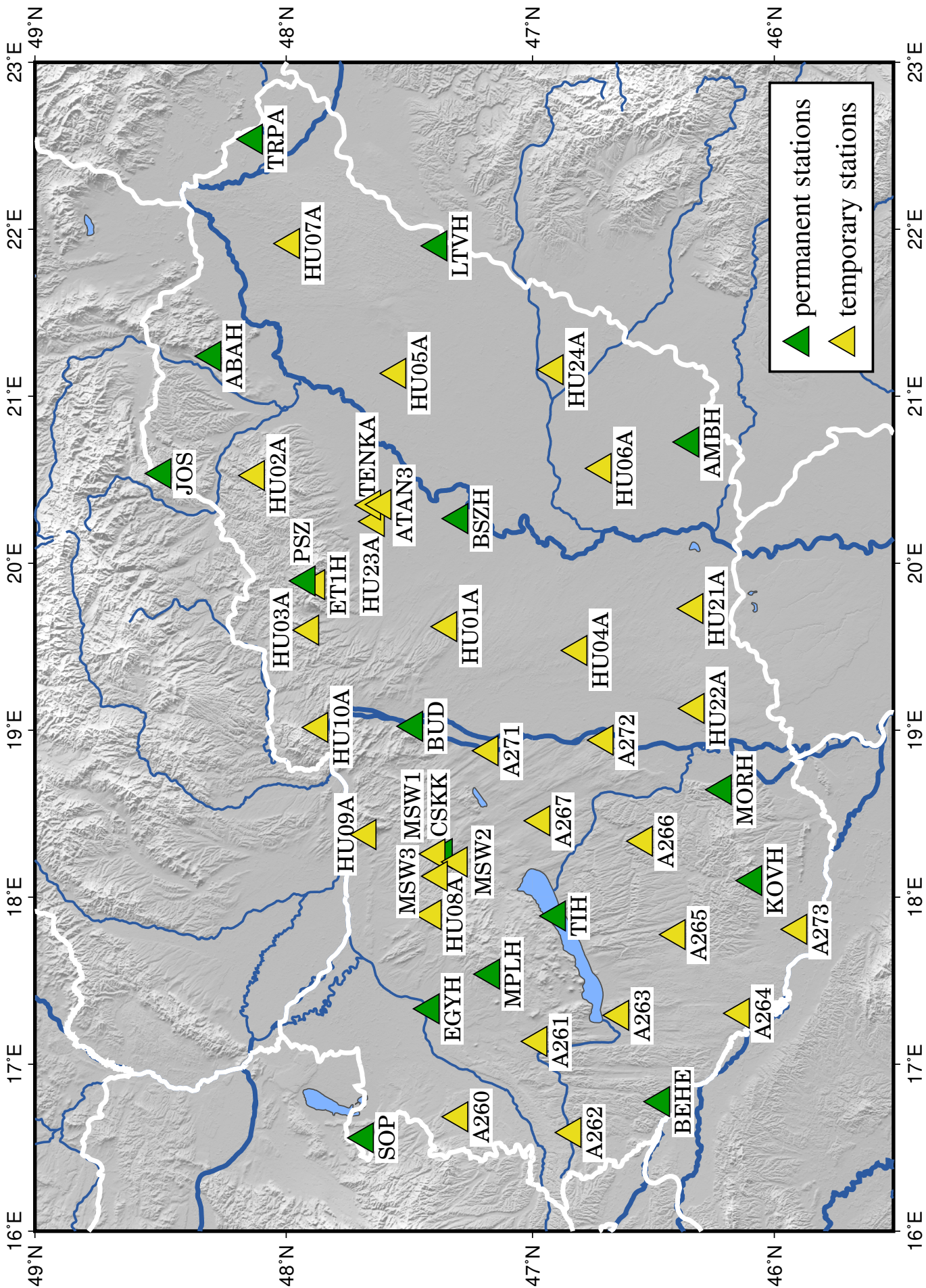


Figure 1.1: Permanent and temporary stations of the Hungarian National Seismological Network in 2020

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.

The iLoc locator, together with the latest RSTT three-dimensional velocity model (Myers et al., 2010) is available for download from CSFK GGI KRSZO website (<http://www.seismology.hu/data/iLoc/>).

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 2020, 1362 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, 373 earthquakes (Fig. 2.1) and 989 quarry explosions (Fig. 2.2) have been identified. One hundred and ninety-six 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.	2020.01.02	22:53:02.2	48.4040	17.1666	4.0	2.3	EQ	Slovakia
2.	2020.01.03	22:56:49.0	47.7859	18.3292	6.6	2.1	EQ	Slovakia
3.	2020.01.04	09:09:35.0	47.9276	19.9006	0.3	2.0	EX	Mátraszentimre
4.	2020.01.05	01:13:23.0	46.3451	16.9556	8.4	3.5	EQ	Belezná
5.	2020.01.06	12:19:04.7	46.9250	22.3475	0.0	1.5	EX	Romania
6.	2020.01.07	11:13:35.0	48.5509	20.7494	7.0	1.5	EX	Komjáti
7.	2020.01.08	09:40:46.3	48.5585	20.7888	0.0	1.8	EX	Tornanádaska
8.	2020.01.09	09:31:04.5	48.0719	20.6873	0.0	1.8	EX	Bükkszentkereszt
9.	2020.01.09	10:58:25.4	48.5229	20.7703	0.0	2.1	EX	Tornaszentandrás
10.	2020.01.10	10:26:42.0	48.5367	20.7828	0.0	1.8	EX	Bódvalenke
11.	2020.01.13	05:37:29.4	46.7490	22.7662	0.0	1.8	EX	Romania
12.	2020.01.13	09:54:52.1	48.5818	20.7922	0.0	1.7	EX	Slovakia
13.	2020.01.13	13:26:00.4	47.8650	20.1529	0.0	1.4	GT	Kisnána
14.	2020.01.14	09:47:55.9	46.1364	18.3129	1.3	1.2	EX	Hosszúhetény
15.	2020.01.14	11:08:22.8	47.3790	18.3994	0.0	1.9	EX	Gánt
16.	2020.01.14	11:23:56.9	47.3410	18.3948	0.0	-	EX	Zámoly
17.	2020.01.16	09:07:08.8	48.0750	20.6990	0.0	1.5	GT	Miskolc-Mexikóvölgy
18.	2020.01.16	10:12:04.6	46.8548	17.2699	0.0	-	GT	Várvölgy
19.	2020.01.16	10:52:39.3	47.5508	16.3475	0.0	1.9	EX	Austria
20.	2020.01.16	11:45:53.2	47.3849	18.3753	0.0	2.1	EX	Gánt
21.	2020.01.16	12:59:36.5	48.0096	20.1409	0.0	1.1	EX	Kisfűzes
22.	2020.01.17	08:54:10.9	47.0988	18.0689	0.0	1.4	EX	Vilonya
23.	2020.01.17	09:32:03.4	47.9982	20.3662	0.0	1.3	EX	Szarvaskő
24.	2020.01.17	11:37:38.6	48.5498	20.8002	0.0	1.3	EX	Bódvalenke
25.	2020.01.21	09:58:09.3	48.5413	20.7672	0.0	1.8	EX	Komjáti
26.	2020.01.22	10:17:34.2	48.2470	21.2460	0.0	2.1	GT	Tállya
27.	2020.01.22	10:23:01.5	47.3545	18.4251	0.0	-	EX	Zámoly
28.	2020.01.22	10:36:35.2	46.1204	18.0243	0.0	-	GT	Bükkösd
29.	2020.01.24	08:47:22.9	48.2879	21.4662	18.7	1.6	EX	Tolcsva

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
30.	2020.01.24	09:49:12.9	48.5051	20.7450	0.0	1.7	EX	Bódvarákó
31.	2020.01.27	09:07:01.4	48.4681	20.7296	0.0	1.2	EX	Szalonna
32.	2020.01.27	10:10:52.2	47.7692	19.0627	0.0	2.0	EX	Tahitótfalu
33.	2020.01.28	09:52:03.3	48.5467	20.7870	0.0	1.7	EX	Tornanádaska
34.	2020.01.28	10:40:55.1	48.6459	20.3944	9.8	1.5	EX	Slovakia
35.	2020.01.28	11:25:44.2	46.1139	21.7170	0.0	1.7	EQ	Romania
36.	2020.01.29	03:41:26.5	47.8505	20.9520	14.2	1.9	EQ	Hejőkürt
37.	2020.01.29	09:24:01.1	47.7259	18.4950	0.3	1.8	EX	Lábatlan
38.	2020.01.29	09:37:25.3	48.2470	21.2460	0.0	1.8	GT	Tállya
39.	2020.01.29	13:21:10.7	46.3272	21.9701	7.8	1.6	EQ	Romania
40.	2020.01.29	22:20:30.1	46.0130	16.0696	0.5	2.3	EQ	Croatia
41.	2020.01.30	09:46:23.8	46.8548	17.2699	0.0	2.5	GT	Várvölgy
42.	2020.01.30	10:16:32.3	47.3615	18.4096	0.0	1.7	EX	Gánt
43.	2020.01.30	10:29:51.9	47.3154	18.4213	1.3	-	EX	Zámoly
44.	2020.01.30	10:49:47.7	48.5712	20.7207	19.5	1.2	EX	Slovakia
45.	2020.01.31	10:33:41.0	48.5389	20.7799	0.0	1.7	EX	Komjáti
46.	2020.02.01	03:47:48.6	47.6542	18.0472	8.6	2.1	EQ	Nagyigmánd
47.	2020.02.02	13:10:57.3	46.9305	19.2204	2.9	2.2	EQ	Szabadszállás
48.	2020.02.02	13:56:25.0	47.6762	18.0495	12.2	1.4	EQ	Csém
49.	2020.02.04	08:34:24.3	46.8548	17.2699	0.0	2.6	GT	Várvölgy
50.	2020.02.04	09:10:12.9	48.5191	20.7944	0.0	1.6	EX	Tornaszentandrás
51.	2020.02.06	08:35:44.2	47.3687	18.3521	0.0	-	EX	Csákberény
52.	2020.02.06	08:38:36.5	48.0184	20.6661	0.0	1.7	EX	Kisgyőr
53.	2020.02.06	12:42:58.3	48.3282	19.8840	0.0	1.8	EX	Slovakia
54.	2020.02.07	10:02:57.6	48.5783	20.8138	0.0	1.7	EX	Slovakia
55.	2020.02.07	15:54:15.6	45.9908	16.0618	2.0	1.7	EQ	Croatia
56.	2020.02.07	22:28:54.5	45.9952	16.0498	2.0	1.8	EQ	Croatia
57.	2020.02.08	10:48:31.4	48.5711	20.8178	0.0	1.3	EX	Slovakia
58.	2020.02.08	20:42:25.6	48.5103	17.2705	4.6	2.2	EQ	Slovakia
59.	2020.02.11	07:59:37.0	47.2380	18.2038	0.0	-	EX	Bakonykúti
60.	2020.02.11	09:12:23.0	48.5918	20.7792	0.0	1.6	EX	Slovakia
61.	2020.02.11	10:25:34.9	45.9872	16.0635	2.8	2.3	EQ	Croatia
62.	2020.02.12	09:54:40.2	47.1059	18.0384	0.0	-	EX	Királyszentistván
63.	2020.02.12	10:38:05.2	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
64.	2020.02.13	10:33:54.7	48.5386	20.7592	0.0	1.8	EX	Komjáti
65.	2020.02.13	11:28:53.1	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
66.	2020.02.14	10:09:03.2	48.5590	20.7711	0.0	1.7	EX	Tornanádaska
67.	2020.02.14	11:50:55.6	47.7730	20.1454	0.0	1.4	EX	Detk
68.	2020.02.15	09:54:28.7	48.5364	20.8160	0.0	1.8	EX	Bódvalenke
69.	2020.02.17	09:31:02.6	47.8545	19.8910	0.0	1.5	EX	Gyöngyösoroszi
70.	2020.02.17	09:37:01.9	48.5606	20.7724	0.0	1.6	EX	Tornanádaska
71.	2020.02.17	10:29:34.5	47.5600	18.4573	0.0	2.2	GT	Tatabánya
72.	2020.02.18	10:36:50.2	48.1850	21.4853	0.5	1.9	EX	Szabolcs
73.	2020.02.18	10:55:55.7	48.5483	20.7408	0.0	1.6	EX	Bódvaszilás
74.	2020.02.19	08:15:21.2	47.3002	17.6694	0.0	-	EX	Bakonykoppány
75.	2020.02.19	09:20:01.5	47.0920	17.9418	0.0	-	EX	Veszprém
76.	2020.02.20	08:40:32.8	47.9822	20.3499	3.0	1.5	EQ	Szarvaskő
77.	2020.02.20	09:06:30.9	46.8548	17.2699	0.0	2.4	GT	Várvölgy
78.	2020.02.20	09:43:32.2	48.5122	19.3210	0.0	1.8	EX	Slovakia
79.	2020.02.20	10:18:15.4	48.3871	19.5606	0.0	1.7	EX	Slovakia
80.	2020.02.20	10:53:27.5	47.3318	18.4001	0.0	2.1	EX	Zámoly

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
81.	2020.02.20	11:09:10.7	48.5822	20.6930	0.0	1.5	EX	Slovakia
82.	2020.02.20	12:29:56.3	48.5523	21.8118	5.0	1.9	EX	Slovakia
83.	2020.02.20	12:37:00.4	48.5879	21.7925	4.0	1.8	EX	Slovakia
84.	2020.02.21	09:40:23.2	48.5544	20.7301	0.5	1.6	EX	Bódvaszilas
85.	2020.02.22	21:01:51.3	47.4027	18.2824	4.0	1.9	EQ	Pusztavám
86.	2020.02.24	10:06:17.8	48.1734	21.1589	0.0	1.5	EQ	Legyesbénye
87.	2020.02.24	10:06:53.7	48.1807	21.1478	0.0	1.4	EQ	Legyesbénye
88.	2020.02.24	10:25:01.6	48.5692	20.7687	0.0	1.7	EX	Slovakia
89.	2020.02.24	10:43:19.7	48.1946	21.1547	4.7	2.7	EQ	Monok
90.	2020.02.24	11:15:23.0	48.1903	21.1379	2.0	1.4	EQ	Monok
91.	2020.02.24	11:48:05.9	48.1495	21.1398	2.0	-	EQ	Legyesbénye
92.	2020.02.25	08:52:20.0	48.5293	19.3285	0.0	2.0	EX	Slovakia
93.	2020.02.25	09:25:04.9	47.5600	18.4573	0.0	-	GT	Tatabánya
94.	2020.02.25	09:59:20.9	48.5374	20.7915	0.0	1.6	EX	Bódvalenke
95.	2020.02.25	11:17:16.5	47.2302	18.2835	0.0	1.3	GT	Iszkaszentgyörgy
96.	2020.02.25	11:20:35.2	48.4979	20.3737	6.7	1.6	EX	Slovakia
97.	2020.02.26	08:42:43.3	48.8539	21.8641	5.0	2.0	EQ	Slovakia
98.	2020.02.26	08:46:10.1	48.6654	20.7947	8.0	1.4	EQ	Slovakia
99.	2020.02.26	09:04:16.8	48.3320	18.9771	14.2	1.7	EX	Slovakia
100.	2020.02.26	09:27:05.9	47.8089	19.1240	0.0	1.6	EX	Vác
101.	2020.02.26	10:22:54.2	46.8548	17.2699	0.0	2.5	GT	Várvölgy
102.	2020.02.26	12:26:04.1	48.3934	20.6435	0.0	1.2	EX	Felsőtelekes
103.	2020.02.26	22:08:46.0	47.4181	18.2560	2.0	2.0	EQ	Pusztavám
104.	2020.02.27	08:50:42.2	47.3290	17.9920	0.4	1.1	EX	Csetény
105.	2020.02.27	10:04:59.8	48.3191	19.8659	3.0	1.7	EX	Slovakia
106.	2020.02.27	10:57:47.8	48.5694	20.7932	0.0	1.6	EX	Slovakia
107.	2020.02.28	08:18:40.8	48.2482	21.5040	0.0	1.7	EX	Sárazsadány
108.	2020.02.28	09:52:42.9	48.1074	21.3309	10.0	-	EX	Tarcal
109.	2020.02.28	10:03:20.0	47.2302	18.2835	0.0	1.5	GT	Iszkaszentgyörgy
110.	2020.02.29	09:33:40.6	46.1728	18.3668	0.0	-	EX	Hosszúhetény
111.	2020.03.02	09:28:03.6	47.4558	18.7196	0.0	-	EX	Etyek
112.	2020.03.02	10:37:11.1	48.5583	20.7817	0.0	1.7	EX	Tornanádaska
113.	2020.03.03	07:51:33.4	46.8991	21.4905	1.5	1.8	EQ	Zsadány
114.	2020.03.03	09:19:00.9	47.8355	19.1270	0.0	1.9	GT	Sejce-Vác
115.	2020.03.03	10:05:34.5	47.8987	20.0893	0.0	2.1	GT	Recsk
116.	2020.03.03	10:56:47.2	46.0908	22.0678	5.0	1.8	EQ	Romania
117.	2020.03.04	06:33:25.3	47.5284	18.3355	0.0	-	EX	Kecskéd
118.	2020.03.04	10:21:08.4	48.5926	20.7082	0.0	1.6	EX	Slovakia
119.	2020.03.04	14:52:21.7	47.8581	20.1792	0.0	1.3	EX	Kisnána
120.	2020.03.04	15:45:49.0	47.8650	20.1529	0.0	1.1	GT	Kisnána
121.	2020.03.05	10:19:26.1	47.1282	18.0506	0.0	1.3	EX	Sóly
122.	2020.03.05	13:34:02.7	46.7836	17.3301	0.0	1.7	EX	Vonyarcvashegy
123.	2020.03.06	13:00:40.5	48.1264	20.7779	0.0	1.4	EX	Miskolc
124.	2020.03.09	10:17:56.9	47.4754	18.5034	0.0	-	EX	Szár
125.	2020.03.09	10:20:48.2	48.4608	21.3475	0.0	-	EX	Telkibánya
126.	2020.03.09	10:58:25.3	48.5483	20.7828	0.0	1.7	EX	Tornanádaska
127.	2020.03.09	19:44:27.5	47.0927	17.3702	2.0	-	EQ	Nemeshany
128.	2020.03.09	20:27:38.9	46.2691	22.1089	5.0	-	EQ	Romania
129.	2020.03.10	07:59:48.2	47.8285	19.9317	0.0	1.8	GT	Gyöngyössolymos-II
130.	2020.03.10	08:31:07.4	47.7085	18.5373	0.0	2.0	EX	Bajót
131.	2020.03.10	09:39:51.1	47.1694	17.4700	5.8	-	EQ	Noszlop

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
132.	2020.03.10	10:09:25.4	48.5364	20.7670	0.0	1.7	EX	Komjáti
133.	2020.03.10	10:13:06.8	48.2454	21.2115	0.0	1.8	EX	Tállya
134.	2020.03.10	12:17:37.2	48.0061	19.6278	0.0	1.7	GT	Nagylóc
135.	2020.03.10	12:20:22.4	46.0685	22.0774	2.0	1.8	EQ	Romania
136.	2020.03.12	02:37:46.8	46.6553	22.1231	1.2	2.0	EQ	Romania
137.	2020.03.12	08:14:21.9	47.1333	17.8693	0.0	1.4	EX	Márkó
138.	2020.03.12	09:17:46.9	47.7938	19.1312	0.0	1.9	EX	Vác
139.	2020.03.12	10:29:49.6	48.5717	20.7336	0.0	1.8	EX	Slovakia
140.	2020.03.13	07:50:41.5	48.0444	20.6813	0.0	1.6	EX	Kisgyőr
141.	2020.03.13	08:33:21.8	46.0253	22.7938	0.0	1.7	EX	Romania
142.	2020.03.13	08:59:03.8	46.0578	22.8047	0.0	1.9	EX	Romania
143.	2020.03.13	10:51:49.7	48.5631	20.7074	0.0	1.5	EX	Slovakia
144.	2020.03.14	00:50:56.7	45.9968	16.0579	5.9	2.8	EQ	Croatia
145.	2020.03.14	15:05:35.5	47.1130	18.2106	4.9	1.9	EQ	Jenő
146.	2020.03.15	15:06:05.3	45.5585	17.6548	6.2	2.3	EQ	Croatia
147.	2020.03.16	09:37:34.4	47.8835	19.4364	0.0	1.9	EX	Bercel
148.	2020.03.16	10:17:51.4	48.5194	20.6874	0.0	1.5	EX	Szögliget
149.	2020.03.16	10:57:47.6	47.3561	18.4291	0.0	-	EX	Zámoly
150.	2020.03.16	11:15:58.8	47.3321	18.4170	0.0	2.0	EX	Zámoly
151.	2020.03.16	23:44:57.5	48.4591	21.1828	6.3	1.4	EQ	Hernádvecse
152.	2020.03.17	09:18:17.8	47.9950	20.3515	0.0	1.3	EX	Szarvaskő
153.	2020.03.17	10:06:17.3	48.4602	20.7155	0.0	1.7	EX	Szalonna
154.	2020.03.17	10:22:10.9	47.2336	18.2742	0.0	-	EX	Iszkaszentgyörgy
155.	2020.03.18	08:47:44.2	48.0439	20.6791	0.0	1.7	EX	Kisgyőr
156.	2020.03.18	10:43:58.6	46.1495	21.5753	2.0	2.3	EX	Romania
157.	2020.03.18	10:46:17.2	48.5976	20.7336	5.7	1.8	EX	Slovakia
158.	2020.03.18	10:53:29.5	48.3911	19.1063	0.0	2.0	EX	Slovakia
159.	2020.03.19	12:58:52.9	47.8279	20.1519	0.0	1.7	EX	Domoszló
160.	2020.03.20	08:30:16.2	47.7904	19.9160	0.0	1.6	EX	Gyöngyös
161.	2020.03.20	10:36:04.7	46.1335	21.6193	0.0	1.6	EX	Romania
162.	2020.03.20	11:00:25.4	45.9869	22.8417	0.0	1.7	EX	Romania
163.	2020.03.20	11:14:38.6	46.0771	22.8904	0.0	1.6	EX	Romania
164.	2020.03.20	11:19:38.5	48.8417	21.3713	0.0	1.9	EX	Slovakia
165.	2020.03.20	11:20:59.5	46.0623	22.8507	0.0	1.6	EX	Romania
166.	2020.03.20	17:23:22.1	45.9318	16.0052	0.4	1.1	EQ	Croatia
167.	2020.03.22	05:29:35.4	45.8659	16.0146	3.7	4.2	EQ	Croatia
168.	2020.03.22	05:40:09.9	45.8582	16.0000	4.9	3.1	EQ	Croatia
169.	2020.03.22	06:14:37.6	46.1462	22.3238	0.0	1.8	EX	Romania
170.	2020.03.22	08:04:02.0	45.8388	16.0102	7.3	3.2	EQ	Croatia
171.	2020.03.22	08:26:53.8	45.8643	16.0314	2.0	2.3	EQ	Croatia
172.	2020.03.22	08:42:49.0	45.8958	16.0136	3.4	2.7	EQ	Croatia
173.	2020.03.22	08:57:02.0	45.8966	16.0137	2.8	2.3	EQ	Croatia
174.	2020.03.22	09:06:54.1	45.9039	16.0388	0.3	2.3	EQ	Croatia
175.	2020.03.22	09:11:57.6	45.8582	16.0058	3.8	3.3	EQ	Croatia
176.	2020.03.22	09:14:08.9	45.8948	16.0013	0.4	2.4	EQ	Croatia
177.	2020.03.22	10:15:41.4	45.8789	16.0525	2.0	2.1	EQ	Croatia
178.	2020.03.22	11:29:13.5	45.8167	16.0582	10.8	2.0	EQ	Croatia
179.	2020.03.22	11:50:44.0	48.5338	22.3108	2.7	2.1	EQ	Ukraine
180.	2020.03.22	13:34:09.0	45.8860	16.0180	2.1	2.4	EQ	Croatia
181.	2020.03.22	13:59:21.9	45.8945	16.0300	2.9	2.4	EQ	Croatia
182.	2020.03.22	14:04:29.8	45.8646	16.0279	1.0	2.5	EQ	Croatia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
183.	2020.03.22	14:16:05.1	45.9022	16.0083	3.6	2.1	EQ	Croatia
184.	2020.03.22	15:15:12.2	45.8613	16.0134	4.1	3.0	EQ	Croatia
185.	2020.03.22	15:45:00.1	45.9398	16.1159	1.0	2.2	EQ	Croatia
186.	2020.03.22	18:21:21.7	45.8571	16.0170	1.0	2.1	EQ	Croatia
187.	2020.03.22	18:43:26.8	45.7601	16.0401	1.0	2.2	EQ	Croatia
188.	2020.03.22	21:01:00.8	45.8885	16.0228	1.0	2.1	EQ	Croatia
189.	2020.03.22	21:41:31.2	45.8915	16.0020	1.0	1.9	EQ	Croatia
190.	2020.03.22	21:43:52.8	45.9022	16.0040	1.0	2.2	EQ	Croatia
191.	2020.03.22	21:55:07.5	45.8680	16.0428	1.0	2.2	EQ	Croatia
192.	2020.03.22	23:01:41.1	45.8939	16.0085	1.0	1.9	EQ	Croatia
193.	2020.03.22	23:44:32.8	45.8706	16.0124	3.6	2.3	EQ	Croatia
194.	2020.03.23	00:04:22.9	45.8990	16.0090	1.0	1.9	EQ	Croatia
195.	2020.03.23	00:46:51.2	45.8981	16.0178	0.3	2.1	EQ	Croatia
196.	2020.03.23	02:00:30.4	45.8419	16.0142	6.8	3.3	EQ	Croatia
197.	2020.03.23	04:15:37.5	45.8653	16.0394	2.2	2.3	EQ	Croatia
198.	2020.03.23	06:41:57.7	45.9025	16.0120	1.0	2.1	EQ	Croatia
199.	2020.03.23	10:28:04.7	48.5357	20.7764	0.0	1.5	EX	Komjáti
200.	2020.03.23	14:50:35.0	45.8945	16.0157	1.0	2.0	EQ	Croatia
201.	2020.03.23	16:39:18.1	45.8934	16.0109	1.0	2.0	EQ	Croatia
202.	2020.03.23	19:16:49.8	45.8842	16.0132	1.0	2.2	EQ	Croatia
203.	2020.03.23	21:14:10.9	45.8903	16.0205	1.0	2.1	EQ	Croatia
204.	2020.03.23	23:06:25.1	45.8842	16.0298	1.0	2.0	EQ	Croatia
205.	2020.03.24	05:12:40.8	45.9036	16.0223	0.3	1.9	EQ	Croatia
206.	2020.03.24	10:02:36.6	47.2302	18.2835	0.0	1.9	GT	Iszkaszentgyörgy
207.	2020.03.24	11:06:43.4	48.0061	19.6278	0.0	1.6	GT	Nagylóc
208.	2020.03.24	13:36:20.5	48.2470	21.2460	0.0	1.8	GT	Tállya
209.	2020.03.24	16:26:17.2	45.8984	16.0036	1.0	1.8	EQ	Croatia
210.	2020.03.24	18:33:18.1	45.8673	16.0304	2.2	2.4	EQ	Croatia
211.	2020.03.24	19:04:48.1	45.8837	16.0332	2.0	2.1	EQ	Croatia
212.	2020.03.24	19:55:40.1	45.8728	16.0036	3.6	2.7	EQ	Croatia
213.	2020.03.25	03:22:22.7	45.8741	16.0164	2.0	2.9	EQ	Croatia
214.	2020.03.25	03:58:29.5	45.8940	16.0006	2.0	2.3	EQ	Croatia
215.	2020.03.25	07:18:39.5	47.3300	17.6350	0.0	1.4	GT	Ugod
216.	2020.03.25	07:48:30.7	48.2106	21.4263	0.0	1.7	EX	Szegilong
217.	2020.03.25	07:54:29.2	48.2700	21.1167	0.0	1.2	EQ	Pere
218.	2020.03.25	08:32:43.4	47.6430	18.5352	0.0	1.8	EX	Héreg
219.	2020.03.25	09:26:38.7	47.1081	18.0401	0.0	-	EX	Királyszentistván
220.	2020.03.25	10:19:20.7	48.5460	20.7693	0.0	1.6	EX	Komjáti
221.	2020.03.25	10:21:36.9	47.2302	18.2835	0.0	1.4	GT	Iszkaszentgyörgy
222.	2020.03.25	14:28:47.7	45.9038	16.0220	1.0	2.2	EQ	Croatia
223.	2020.03.25	22:10:26.2	46.0618	21.9111	4.7	1.7	EQ	Romania
224.	2020.03.25	22:21:26.2	45.8824	16.0041	2.0	2.2	EQ	Croatia
225.	2020.03.25	22:30:20.7	45.8910	16.0430	2.0	2.1	EQ	Croatia
226.	2020.03.25	23:59:14.4	45.9066	16.0214	2.0	2.1	EQ	Croatia
227.	2020.03.26	00:17:54.9	45.8863	16.0194	2.9	2.4	EQ	Croatia
228.	2020.03.26	08:21:52.7	48.0050	20.6463	0.0	1.5	EX	Kisgyőr
229.	2020.03.26	08:36:58.7	46.9634	17.2849	0.0	1.3	EX	Sümeg
230.	2020.03.26	10:03:48.1	47.8920	19.4049	0.0	2.2	GT	Bercel
231.	2020.03.26	10:18:17.1	48.5012	20.7536	0.0	1.4	EX	Bódvarákó
232.	2020.03.26	12:24:54.0	48.3992	20.6378	0.0	1.0	EX	Felsőtelekes
233.	2020.03.27	03:09:27.8	45.8981	16.0013	1.9	2.0	EQ	Croatia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
234.	2020.03.27	08:58:31.9	46.8847	22.8057	1.5	2.0	EQ	Romania
235.	2020.03.27	09:53:15.2	47.2253	18.2445	0.0	1.2	EX	Csór
236.	2020.03.27	10:43:24.7	48.2368	21.2150	0.0	1.5	EX	Tállya
237.	2020.03.27	11:21:27.1	46.0534	22.7877	0.0	1.8	EX	Romania
238.	2020.03.27	12:10:29.9	46.1378	21.6162	0.0	1.8	EX	Romania
239.	2020.03.27	13:20:02.7	47.8650	20.1529	0.0	1.5	GT	Kisnána
240.	2020.03.27	15:08:00.9	45.9035	16.0051	1.0	1.9	EQ	Croatia
241.	2020.03.27	19:51:17.6	47.3887	18.1385	2.6	0.8	EQ	Nagyveleg
242.	2020.03.27	22:04:40.7	45.8995	16.0212	0.3	1.9	EQ	Croatia
243.	2020.03.28	07:42:12.3	45.9002	16.0414	1.0	1.8	EQ	Croatia
244.	2020.03.28	12:48:58.5	45.8923	16.0336	1.0	2.0	EQ	Croatia
245.	2020.03.28	23:34:56.6	47.3268	18.1670	6.5	0.6	EQ	Balinka
246.	2020.03.30	04:05:57.5	47.4216	19.4454	1.8	1.5	EQ	Mende
247.	2020.03.30	06:01:53.2	47.6593	20.2930	15.6	2.0	EQ	Erdőtelek
248.	2020.03.30	06:40:14.0	47.3775	17.5434	1.0	-	EX	Vaszar
249.	2020.03.30	07:19:59.5	48.5970	19.3002	1.0	1.9	EX	Slovakia
250.	2020.03.30	08:54:38.5	48.5171	20.7667	0.0	1.5	EX	Tornaszentandrás
251.	2020.03.30	09:54:25.0	48.4164	19.6167	0.0	1.7	EX	Slovakia
252.	2020.03.31	09:01:03.1	48.9867	20.3218	0.0	2.0	EQ	Slovakia
253.	2020.03.31	09:02:32.3	46.9021	22.8254	0.0	2.0	EX	Romania
254.	2020.03.31	09:14:22.6	47.3340	18.3213	0.0	1.2	EX	Csákberény
255.	2020.03.31	09:20:23.8	46.9508	17.3625	0.0	2.1	EX	Sümegeprága
256.	2020.03.31	09:47:01.8	47.3840	18.3373	0.0	1.5	EX	Gánt
257.	2020.03.31	10:03:57.6	47.5600	18.4573	0.0	1.4	GT	Tatabánya
258.	2020.04.01	06:41:00.3	45.8830	16.0152	1.5	2.0	EQ	Croatia
259.	2020.04.01	10:30:07.0	47.3457	18.2991	0.0	0.9	EX	Csókakó
260.	2020.04.01	10:31:07.6	47.3629	18.2629	1.8	1.8	EX	Csókakó
261.	2020.04.02	02:32:27.4	45.8828	16.0104	2.2	1.9	EQ	Croatia
262.	2020.04.02	09:53:32.5	47.5815	16.4270	0.0	1.8	EX	Austria
263.	2020.04.02	10:32:56.8	48.2470	21.2460	0.0	1.8	GT	Tállya
264.	2020.04.02	10:49:07.0	48.2470	21.2460	0.0	2.0	GT	Tállya
265.	2020.04.03	07:58:23.1	45.8845	16.0139	2.6	2.7	EQ	Croatia
266.	2020.04.03	12:47:35.2	45.7512	22.7949	8.0	1.3	EQ	Romania
267.	2020.04.03	17:15:45.3	45.8982	16.0212	0.4	1.9	EQ	Croatia
268.	2020.04.03	20:29:46.1	47.3896	18.1465	1.8	0.6	EQ	Nagyveleg
269.	2020.04.03	23:26:23.9	45.8801	16.0244	1.0	1.9	EQ	Croatia
270.	2020.04.04	03:42:01.0	45.8746	16.0598	0.0	1.7	EQ	Croatia
271.	2020.04.05	08:05:17.4	45.8911	16.0303	0.0	2.0	EQ	Croatia
272.	2020.04.05	20:30:33.1	45.9275	16.0679	3.3	2.4	EQ	Croatia
273.	2020.04.06	06:30:13.9	47.3170	18.3284	0.0	1.4	EX	Magyaralmás
274.	2020.04.06	09:36:05.9	48.5794	20.7644	0.0	1.8	EX	Slovakia
275.	2020.04.07	02:12:27.3	45.8907	16.0427	0.0	1.9	EQ	Croatia
276.	2020.04.07	04:57:29.7	45.8920	16.0268	1.0	1.6	EQ	Croatia
277.	2020.04.07	08:48:20.4	48.5734	20.7921	0.0	1.6	EX	Slovakia
278.	2020.04.07	10:18:17.2	47.3618	18.3790	0.0	1.9	EX	Gánt
279.	2020.04.07	12:32:08.6	46.1537	21.6695	0.0	2.1	EX	Romania
280.	2020.04.08	00:54:32.9	45.8969	16.0298	0.7	2.0	EQ	Croatia
281.	2020.04.09	03:30:44.5	45.8734	16.0172	2.1	1.8	EQ	Croatia
282.	2020.04.09	16:19:26.3	45.8696	16.0280	1.1	2.3	EQ	Croatia
283.	2020.04.10	18:33:17.4	47.4979	22.2914	8.7	1.5	EQ	Romania
284.	2020.04.11	10:09:57.6	47.3815	18.1980	5.3	0.2	EQ	Mór

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
285.	2020.04.11	18:52:22.3	45.8707	16.0182	3.0	1.4	EQ	Croatia
286.	2020.04.12	22:07:25.5	45.8674	16.0173	1.0	2.0	EQ	Croatia
287.	2020.04.13	03:43:16.3	47.3422	18.2289	2.8	0.2	EQ	Bodajk
288.	2020.04.13	07:49:30.9	47.4167	18.2216	3.4	0.9	EQ	Pusztavám
289.	2020.04.14	09:08:38.1	46.1765	18.2926	0.0	1.5	GT	Komló
290.	2020.04.14	09:50:03.0	47.3762	18.3479	0.0	1.4	EX	Gánt
291.	2020.04.15	09:09:36.1	47.6349	16.3706	5.6	1.7	EX	Austria
292.	2020.04.15	09:25:02.6	46.8548	17.2699	0.0	2.0	GT	Várvölgy
293.	2020.04.15	17:28:43.5	45.8888	16.0142	1.0	1.8	EQ	Croatia
294.	2020.04.16	10:25:20.1	48.5421	20.7785	0.0	1.6	EX	Komjáti
295.	2020.04.17	10:17:29.7	48.5379	20.7633	0.0	1.7	EX	Komjáti
296.	2020.04.17	19:40:02.2	45.9016	16.0165	3.0	1.5	EQ	Croatia
297.	2020.04.19	05:45:59.6	48.5289	22.4179	4.4	3.1	EQ	Ukraine
298.	2020.04.20	09:03:59.9	47.3655	18.3675	0.0	1.3	EX	Gánt
299.	2020.04.20	09:18:06.4	47.3620	18.4011	0.0	1.7	EX	Gánt
300.	2020.04.20	12:20:00.0	47.1075	18.0765	0.0	1.5	EX	Vilonya
301.	2020.04.22	07:49:45.1	47.6922	18.5113	0.0	1.8	EX	Héreg
302.	2020.04.22	07:55:58.7	47.3601	18.3853	0.3	1.9	EX	Gánt
303.	2020.04.23	07:02:56.9	48.2150	21.5121	0.0	1.6	EX	Viss
304.	2020.04.23	08:49:35.2	48.5422	20.7791	0.0	1.1	EX	Komjáti
305.	2020.04.23	23:18:27.0	48.7613	21.9003	5.0	3.7	EQ	Slovakia
306.	2020.04.24	08:07:04.6	48.5965	20.8680	4.8	1.6	EX	Slovakia
307.	2020.04.24	09:05:04.4	48.2470	21.2460	0.0	2.0	GT	Tállya
308.	2020.04.25	00:08:30.2	46.6601	22.1214	2.4	2.1	EQ	Romania
309.	2020.04.25	00:15:35.5	46.6784	22.1565	7.6	1.8	EQ	Romania
310.	2020.04.25	00:16:36.3	46.6125	22.1661	2.4	1.5	EQ	Romania
311.	2020.04.25	22:37:45.6	47.2782	21.5362	11.3	1.7	EQ	Berettyóújfalu
312.	2020.04.25	23:28:42.9	46.6674	22.1118	10.5	2.3	EQ	Romania
313.	2020.04.27	09:50:05.3	46.8548	17.2699	0.0	2.2	GT	Várvölgy
314.	2020.04.27	11:23:14.4	46.8724	17.3485	0.0	1.7	EX	Lesenceistvánd
315.	2020.04.27	22:07:08.4	48.5332	22.4188	5.5	2.9	EQ	Ukraine
316.	2020.04.28	06:16:42.6	47.3396	18.2602	0.0	1.3	EX	Csókakő
317.	2020.04.28	08:09:36.7	46.2801	21.9123	0.0	1.9	EX	Romania
318.	2020.04.28	08:28:58.7	45.9574	22.6691	9.1	1.9	EQ	Romania
319.	2020.04.28	09:34:13.3	46.0666	21.8997	2.0	1.3	EQ	Romania
320.	2020.04.29	08:28:08.6	48.5407	20.8067	0.0	1.3	EX	Bódvalenke
321.	2020.04.30	03:59:04.7	48.8200	21.8250	7.9	2.8	EQ	Slovakia
322.	2020.04.30	09:00:18.8	48.2521	21.2195	0.0	1.9	EX	Tállya
323.	2020.04.30	12:03:10.6	47.5821	16.3733	0.0	1.5	EX	Austria
324.	2020.05.03	20:34:55.0	46.5658	21.1027	22.6	1.3	EQ	Újkígyós
325.	2020.05.04	00:26:50.7	47.3771	18.2632	2.9	-0.0	EQ	Csókakő
326.	2020.05.04	00:27:38.0	47.3761	18.2411	7.4	-0.2	EQ	Mór
327.	2020.05.04	07:52:13.8	47.0527	17.9615	0.0	-	EX	Szentkirályszabadja
328.	2020.05.04	08:51:34.9	47.3860	18.3887	0.0	-	EX	Gánt
329.	2020.05.04	09:06:17.9	47.6032	16.3479	0.0	-	EX	Austria
330.	2020.05.04	09:35:27.6	48.7694	20.7715	0.0	1.5	EX	Slovakia
331.	2020.05.04	11:40:22.4	48.2315	19.9232	0.0	1.9	EX	Slovakia
332.	2020.05.05	21:51:17.1	47.3785	18.2435	1.0	-	EQ	Mór
333.	2020.05.06	08:43:59.7	48.5340	20.7488	0.0	1.6	EX	Bódvaszilás
334.	2020.05.06	12:58:48.1	47.7796	20.1933	0.0	1.9	EX	Aldebrő
335.	2020.05.06	17:42:36.9	47.3713	18.3142	2.0	0.5	EQ	Csákberény

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
336.	2020.05.07	07:25:52.2	47.3326	18.4187	0.0	-	EX	Zámoly
337.	2020.05.07	09:51:58.8	47.2706	18.3637	0.0	-	EX	Sárkeresztes
338.	2020.05.07	11:30:20.3	48.3575	19.7602	10.0	1.8	EX	Slovakia
339.	2020.05.07	13:08:15.1	47.4224	18.6990	6.2	1.8	EQ	Etyek
340.	2020.05.07	13:11:25.2	47.3696	18.2497	2.8	1.5	EQ	Csókakő
341.	2020.05.07	13:12:28.1	47.3897	18.2659	6.5	1.1	EQ	Csókakő
342.	2020.05.07	14:20:53.1	47.3908	18.3559	1.5	-	EQ	Gánt
343.	2020.05.07	14:25:54.6	47.3773	18.2835	3.5	0.6	EQ	Csókakő
344.	2020.05.07	16:20:02.8	47.3832	18.2443	5.0	0.7	EQ	Mór
345.	2020.05.07	18:23:42.4	47.3786	18.2443	4.0	0.4	EQ	Mór
346.	2020.05.07	18:58:50.9	47.3758	18.2562	3.1	0.7	EQ	Csókakő
347.	2020.05.07	18:59:33.1	47.3762	18.2519	3.9	0.5	EQ	Csókakő
348.	2020.05.07	19:03:45.8	47.3773	18.2431	3.8	1.2	EQ	Mór
349.	2020.05.07	19:14:22.9	47.3781	18.2391	4.0	0.1	EQ	Mór
350.	2020.05.07	19:48:36.6	47.3775	18.2585	4.0	0.2	EQ	Csókakő
351.	2020.05.07	21:06:19.6	47.3745	18.2594	5.8	0.2	EQ	Csókakő
352.	2020.05.07	21:19:19.3	47.3781	18.2305	4.0	-0.1	EQ	Mór
353.	2020.05.08	08:33:19.6	47.9151	19.4088	0.0	1.9	GT	Szanda
354.	2020.05.08	08:38:40.2	47.6214	16.3666	0.0	1.3	EX	Austria
355.	2020.05.08	08:42:15.1	46.9761	17.2841	0.0	2.2	EX	Sümege
356.	2020.05.10	11:46:08.1	47.7442	16.1021	11.1	1.6	EX	Austria
357.	2020.05.11	08:58:41.1	48.4846	17.5436	0.0	1.8	EX	Slovakia
358.	2020.05.11	09:09:40.6	48.5942	20.7947	0.0	1.5	EX	Slovakia
359.	2020.05.11	09:19:01.8	47.7791	19.0372	0.0	1.8	GT	Dunabogdány
360.	2020.05.12	07:25:57.9	47.8455	19.8817	0.2	1.9	EX	Gyöngyösoroszi
361.	2020.05.12	08:06:03.5	47.8355	19.1270	0.0	1.7	GT	Sejce-Vác
362.	2020.05.12	09:18:35.6	48.5680	20.8190	0.0	1.2	EX	Slovakia
363.	2020.05.12	10:21:19.2	48.8341	21.3824	11.4	1.8	EX	Slovakia
364.	2020.05.12	10:29:18.4	48.4740	20.8726	0.0	1.2	EX	Rakaca
365.	2020.05.13	07:51:49.0	45.8866	18.4120	1.0	1.6	EX	Villánykövesd
366.	2020.05.13	08:11:40.9	48.0374	20.6979	0.0	-	EX	Kisgyőr
367.	2020.05.13	08:32:30.4	48.5761	21.4291	10.0	1.6	EQ	Slovakia
368.	2020.05.13	09:55:19.6	48.9130	21.0223	0.0	1.8	EX	Slovakia
369.	2020.05.13	10:26:15.5	46.8207	17.2949	0.0	1.7	EX	Vállus
370.	2020.05.14	05:20:56.5	47.2983	18.3657	0.1	-	EQ	Magyaralmás
371.	2020.05.14	07:31:53.0	47.3472	18.4710	0.0	-	EX	Csákvár
372.	2020.05.14	08:29:16.1	46.8548	17.2699	0.0	2.5	GT	Várvolgy
373.	2020.05.14	09:19:09.9	48.2470	21.2460	0.0	1.6	GT	Tállya
374.	2020.05.14	15:59:39.3	47.5404	16.3842	0.0	1.0	EX	Austria
375.	2020.05.14	18:55:27.7	47.3930	18.5252	2.0	1.3	EQ	Vértesszőlős
376.	2020.05.15	08:22:24.0	47.8920	19.4049	0.0	1.9	GT	Bercel
377.	2020.05.16	08:58:33.7	46.1765	18.2926	0.0	1.6	GT	Komló
378.	2020.05.16	19:27:30.3	48.6771	19.1200	7.5	1.8	EQ	Slovakia
379.	2020.05.18	08:39:57.1	47.8355	19.1270	0.0	2.0	GT	Sejce-Vác
380.	2020.05.18	08:59:29.1	47.5434	16.3524	0.0	1.6	EX	Austria
381.	2020.05.18	09:07:05.5	48.4350	19.3585	8.8	1.8	EX	Slovakia
382.	2020.05.18	09:29:26.8	48.5712	20.8225	0.0	1.2	EX	Slovakia
383.	2020.05.18	09:43:37.7	48.4202	19.6231	0.0	1.4	EX	Slovakia
384.	2020.05.18	09:56:19.6	47.2676	18.3017	0.0	-	EX	Kincsesbánya
385.	2020.05.18	11:01:57.3	47.8825	20.1505	0.0	1.5	EX	Kisnána
386.	2020.05.18	11:04:22.4	48.2280	19.9194	0.0	1.7	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
387.	2020.05.18	14:10:51.9	47.3138	18.1934	6.8	0.7	EQ	Balinka
388.	2020.05.19	05:19:05.3	47.3300	17.6350	0.0	1.3	GT	Ugod
389.	2020.05.19	07:21:46.3	47.3360	18.3287	0.0	-	EX	Csákberény
390.	2020.05.19	08:06:03.4	48.6157	20.9960	0.0	1.4	EX	Slovakia
391.	2020.05.19	09:41:14.2	48.4227	19.6222	10.0	1.6	EX	Slovakia
392.	2020.05.19	10:14:48.6	48.8672	20.5462	0.0	1.6	EX	Slovakia
393.	2020.05.20	08:25:47.0	48.9891	19.3984	10.0	-	EX	Slovakia
394.	2020.05.20	08:30:02.7	48.4039	17.2774	0.0	1.8	EX	Slovakia
395.	2020.05.20	08:31:35.6	47.9285	20.4211	0.0	1.2	EX	Noszvaj
396.	2020.05.20	09:57:33.0	48.3951	17.5522	0.0	1.5	EX	Slovakia
397.	2020.05.20	18:28:19.7	45.8909	16.0417	4.3	2.2	EQ	Croatia
398.	2020.05.20	19:33:10.3	48.0840	20.8076	3.0	1.0	EQ	Miskolc
399.	2020.05.21	08:03:44.2	47.3186	18.4248	0.0	-	EX	Zámoly
400.	2020.05.21	08:39:14.6	48.5423	20.7948	0.0	1.4	EX	Bódvalenke
401.	2020.05.21	09:07:01.3	48.4622	19.2383	0.0	1.4	EX	Slovakia
402.	2020.05.21	09:24:17.7	47.2259	18.3161	0.0	-	EX	Iszkaszentgyörgy
403.	2020.05.21	10:00:47.2	48.2470	21.2460	0.0	2.1	GT	Tállya
404.	2020.05.22	07:23:21.9	47.4523	18.7078	0.0	1.5	EX	Etyek
405.	2020.05.22	08:35:06.0	48.0750	20.6990	0.0	1.4	GT	Miskolc-Mexikóvölgy
406.	2020.05.22	09:47:12.0	48.6170	19.4224	10.0	2.0	EX	Slovakia
407.	2020.05.22	11:34:18.5	48.9676	21.3233	7.5	1.6	EX	Slovakia
408.	2020.05.22	21:20:07.9	47.3664	18.2505	3.0	0.6	EQ	Csókakó
409.	2020.05.23	01:25:39.5	47.3632	18.2518	2.0	0.2	EQ	Csókakó
410.	2020.05.23	03:13:55.0	48.5181	17.6401	3.0	1.0	EQ	Slovakia
411.	2020.05.25	07:32:11.8	47.0731	18.0152	0.0	1.6	EX	Balatonfüzfő
412.	2020.05.25	07:38:31.4	48.5025	19.3693	0.0	1.6	EX	Slovakia
413.	2020.05.25	09:55:49.1	48.4660	19.5807	0.0	1.3	EX	Slovakia
414.	2020.05.25	12:12:24.3	47.9145	19.8497	0.0	1.3	EX	Mátraszentimre
415.	2020.05.25	12:13:52.8	47.8738	19.8283	0.2	-	EX	Mátraszentimre
416.	2020.05.25	22:58:37.7	47.4527	18.6958	4.0	1.1	EQ	Etyek
417.	2020.05.25	23:59:21.1	47.3726	18.2586	1.2	1.6	EQ	Csókakó
418.	2020.05.26	00:01:24.2	47.3571	18.2847	2.0	0.2	EQ	Csókakó
419.	2020.05.26	00:02:05.2	47.3623	18.2470	1.0	1.1	EQ	Csókakó
420.	2020.05.26	00:03:03.0	47.3643	18.2487	1.5	0.2	EQ	Csókakó
421.	2020.05.26	00:03:21.5	47.3584	18.2416	2.0	0.5	EQ	Csókakó
422.	2020.05.26	00:07:31.0	47.3579	18.2200	3.0	-0.2	EQ	Mór
423.	2020.05.26	00:12:38.1	47.3556	18.3041	3.0	-0.3	EQ	Csákberény
424.	2020.05.26	01:07:24.9	47.3565	18.2865	1.5	0.5	EQ	Csókakó
425.	2020.05.26	07:58:47.6	48.5702	20.7911	0.0	1.3	EX	Slovakia
426.	2020.05.26	09:23:20.5	47.7321	19.0937	0.0	1.8	EX	Leányfalu
427.	2020.05.27	02:34:01.1	47.3593	18.2718	2.3	0.5	EQ	Csókakó
428.	2020.05.27	07:01:22.3	48.2336	21.4747	0.0	1.6	EX	Viss
429.	2020.05.27	07:56:08.8	48.4814	21.5053	0.0	1.6	EX	Pálháza
430.	2020.05.27	08:44:14.2	48.8232	20.4568	3.5	1.8	EX	Slovakia
431.	2020.05.27	08:45:22.9	47.3960	18.3402	0.0	-	EX	Gánt
432.	2020.05.27	09:22:01.9	48.5636	20.7720	0.0	1.4	EX	Tornanádaska
433.	2020.05.27	10:19:59.1	47.5141	16.4005	0.0	1.0	EX	Austria
434.	2020.05.27	10:27:42.8	48.4541	19.5699	0.0	1.4	EX	Slovakia
435.	2020.05.27	10:29:00.1	48.4588	19.5672	0.0	1.5	EX	Slovakia
436.	2020.05.27	22:05:34.6	47.3583	18.2761	2.1	0.5	EQ	Csókakó
437.	2020.05.28	07:01:03.7	47.4399	18.2684	0.5	-	EX	Pusztavám

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
438.	2020.05.28	08:01:58.2	48.5165	19.3358	0.0	1.7	EX	Slovakia
439.	2020.05.28	08:25:06.6	48.5482	19.3366	10.0	-	EX	Slovakia
440.	2020.05.28	08:36:36.3	46.9907	17.3374	0.0	-	EX	Sümeğ
441.	2020.05.28	08:54:47.8	46.1204	18.0243	0.0	1.3	GT	Bükkösd
442.	2020.05.28	09:11:08.1	48.5533	20.7819	0.0	1.6	EX	Tornanádaska
443.	2020.05.28	09:28:18.1	47.2365	18.2999	0.0	1.5	EX	Iszkaszentgyörgy
444.	2020.05.28	09:36:36.2	48.2470	21.2460	0.0	2.0	GT	Tállya
445.	2020.05.29	07:36:10.0	48.5897	19.6445	0.0	1.6	EX	Slovakia
446.	2020.05.29	10:45:30.1	48.4368	19.5684	0.0	1.4	EX	Slovakia
447.	2020.05.29	10:46:32.1	48.4488	19.5582	6.5	1.3	EX	Slovakia
448.	2020.05.29	10:49:23.2	48.4414	19.5673	0.0	1.2	EX	Slovakia
449.	2020.05.29	11:45:53.0	48.6328	20.7786	10.0	1.0	EX	Slovakia
450.	2020.05.30	00:22:08.0	47.3570	18.2851	1.5	0.5	EQ	Csókakó
451.	2020.06.01	01:42:31.2	47.4359	18.2115	6.6	-0.0	EQ	Pusztavám
452.	2020.06.01	08:54:25.3	48.4524	17.5777	10.6	1.6	EX	Slovakia
453.	2020.06.01	09:16:36.6	48.5600	20.7669	0.0	1.3	EX	Tornanádaska
454.	2020.06.01	09:31:33.2	45.9875	22.6523	0.0	1.8	EX	Romania
455.	2020.06.01	17:24:31.2	47.8541	17.2463	9.5	2.3	EQ	Mosonmagyaróvár
456.	2020.06.02	06:47:55.9	48.0655	20.6770	0.0	1.4	EX	Bükkszentkereszt
457.	2020.06.02	08:29:10.4	48.2972	19.0034	4.5	1.4	EX	Slovakia
458.	2020.06.02	10:52:58.1	48.3185	19.9043	10.0	1.4	EX	Slovakia
459.	2020.06.02	12:02:57.6	48.8370	21.2698	0.0	1.6	EX	Slovakia
460.	2020.06.03	08:15:15.1	47.5600	18.4573	0.0	1.7	GT	Tatabánya
461.	2020.06.03	08:54:41.1	47.2972	18.4032	0.0	-	EX	Zámoly
462.	2020.06.03	09:11:20.4	48.6604	18.6189	0.0	1.9	EX	Slovakia
463.	2020.06.03	09:37:33.0	48.5368	17.4228	0.0	-	EX	Slovakia
464.	2020.06.03	09:56:43.6	47.9170	20.4225	0.0	1.3	EX	Eger
465.	2020.06.03	12:30:38.2	48.4224	18.4842	0.0	1.3	EX	Slovakia
466.	2020.06.03	12:32:18.5	48.3632	18.5293	14.9	1.5	EX	Slovakia
467.	2020.06.03	15:51:00.6	46.3176	17.3092	8.3	3.4	EQ	Somogyszob
468.	2020.06.03	15:55:43.4	46.3099	17.2998	14.1	1.3	EQ	Somogyszob
469.	2020.06.04	07:15:53.5	48.2259	21.2290	0.0	1.5	EX	Tállya
470.	2020.06.04	08:01:58.0	46.9141	17.3045	0.0	-	EX	Uzsa
471.	2020.06.04	08:16:37.6	46.0003	22.8806	0.0	1.6	EX	Romania
472.	2020.06.04	08:19:26.0	46.0899	22.8659	0.0	-	EX	Romania
473.	2020.06.04	08:24:33.5	46.0001	22.7895	0.0	1.6	EX	Romania
474.	2020.06.04	09:17:45.8	45.6511	17.2990	0.0	2.2	EX	Croatia
475.	2020.06.04	11:45:40.9	48.3120	19.8950	0.0	1.8	EX	Slovakia
476.	2020.06.04	13:27:58.1	48.4579	20.8905	0.0	1.1	EX	Rakaca
477.	2020.06.04	22:07:36.8	48.6342	22.5914	15.8	1.5	EQ	Ukraine
478.	2020.06.04	23:44:50.6	47.3568	18.2754	2.2	0.8	EQ	Csókakó
479.	2020.06.05	06:29:16.8	48.4078	17.2877	0.0	1.6	EX	Slovakia
480.	2020.06.05	08:37:51.3	48.3852	19.0911	15.0	1.9	EX	Slovakia
481.	2020.06.05	09:49:30.9	48.2470	21.2460	0.0	2.0	GT	Tállya
482.	2020.06.05	16:18:44.9	47.5970	16.3657	0.1	1.3	EX	Austria
483.	2020.06.06	08:37:40.2	46.0033	18.3430	0.0	-	EX	Lothárd
484.	2020.06.08	07:14:59.6	48.0810	20.6539	0.0	1.5	EX	Bükkszentkereszt
485.	2020.06.08	08:19:13.6	47.8678	19.8438	10.0	1.6	EX	Mátraszentimre
486.	2020.06.08	08:23:34.4	47.3934	18.1716	3.0	1.3	EX	Mór
487.	2020.06.09	03:31:24.5	47.3278	18.1684	3.3	1.1	EQ	Balinka
488.	2020.06.09	06:06:20.5	47.2630	17.7277	0.0	-	EX	Bakonybél

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
489.	2020.06.09	08:01:28.2	47.5689	18.4598	0.0	1.2	EX	Tatabánya
490.	2020.06.09	09:16:52.5	47.9151	19.4088	0.0	1.6	GT	Szanda
491.	2020.06.09	09:32:56.7	48.5187	18.7568	7.3	1.6	EX	Slovakia
492.	2020.06.09	10:03:46.8	48.9503	20.1574	10.0	1.4	EX	Slovakia
493.	2020.06.09	10:10:13.7	48.4045	17.7241	10.0	-	EX	Slovakia
494.	2020.06.09	10:15:27.9	48.4533	19.5672	0.0	1.3	EX	Slovakia
495.	2020.06.10	02:15:54.1	45.8461	16.0389	4.6	2.6	EQ	Croatia
496.	2020.06.10	08:30:51.3	47.1244	18.0445	0.0	1.1	EX	Sóly
497.	2020.06.10	08:32:07.1	48.5126	17.4744	0.0	1.5	EX	Slovakia
498.	2020.06.10	11:10:36.8	48.9630	21.3858	0.0	1.5	EX	Slovakia
499.	2020.06.10	22:59:51.0	46.1450	16.7120	4.0	1.4	EQ	Croatia
500.	2020.06.10	23:21:23.3	46.0391	16.7618	5.0	-	EQ	Croatia
501.	2020.06.10	23:26:44.0	46.0778	16.7090	11.0	-	EQ	Croatia
502.	2020.06.10	23:39:45.6	46.0426	16.7007	11.0	-	EQ	Croatia
503.	2020.06.10	23:53:55.4	46.0762	16.7309	3.9	1.4	EQ	Croatia
504.	2020.06.11	00:00:13.0	46.0780	16.7260	5.0	1.4	EQ	Croatia
505.	2020.06.11	00:01:24.1	46.1126	16.7330	5.0	1.3	EQ	Croatia
506.	2020.06.11	01:49:23.8	46.0781	16.7289	5.0	-	EQ	Croatia
507.	2020.06.11	08:52:53.4	48.6888	18.6125	5.7	1.6	EX	Slovakia
508.	2020.06.11	08:57:46.4	48.6564	18.5921	0.0	1.6	EX	Slovakia
509.	2020.06.11	08:59:13.9	46.1376	18.3019	0.0	-	EX	Hosszúhetény
510.	2020.06.11	09:57:17.0	47.2302	18.2835	0.0	1.2	GT	Iszkaszentgyörgy
511.	2020.06.11	10:17:15.7	48.5094	19.4016	0.0	1.5	EX	Slovakia
512.	2020.06.11	10:25:34.4	48.5420	20.7695	0.0	1.3	EX	Komjáti
513.	2020.06.11	10:40:02.8	46.0248	17.9660	10.0	-	EX	Kacsóta
514.	2020.06.11	11:52:05.4	48.2540	21.2204	0.0	2.1	EX	Tállya
515.	2020.06.11	12:30:00.6	48.2778	17.4320	0.0	1.6	EX	Slovakia
516.	2020.06.11	13:03:29.2	48.5691	17.6455	0.1	1.5	EX	Slovakia
517.	2020.06.12	03:49:47.4	47.9858	16.5125	13.1	1.3	EQ	Austria
518.	2020.06.12	07:35:13.6	47.7252	18.5129	0.0	1.8	EX	Lábatlan
519.	2020.06.12	09:17:26.0	47.8355	19.1270	0.0	1.5	GT	Sejce-Vác
520.	2020.06.12	09:27:00.3	48.6707	20.1379	10.0	1.3	EX	Slovakia
521.	2020.06.12	13:35:22.1	46.8302	19.1276	2.0	1.7	EQ	Újsolt
522.	2020.06.15	07:33:23.9	46.0430	22.8441	7.1	1.7	EX	Romania
523.	2020.06.15	07:56:20.2	48.0750	20.6990	0.0	1.5	GT	Miskolc-Mexikóvölgy
524.	2020.06.15	08:22:47.4	47.9724	20.3711	0.0	1.3	EX	Felsőtárkány
525.	2020.06.15	08:43:15.4	47.3418	18.4344	0.0	-	EX	Zámoly
526.	2020.06.15	09:25:48.1	46.0149	22.8085	0.0	1.5	EX	Romania
527.	2020.06.15	09:54:27.0	48.4408	17.4394	0.0	1.5	EX	Slovakia
528.	2020.06.15	10:04:10.4	48.5680	20.7826	0.0	1.7	EX	Tornanádaska
529.	2020.06.15	11:21:13.9	48.0297	19.5736	0.0	1.6	EX	Nagylóc
530.	2020.06.16	08:11:51.1	48.3731	21.0597	0.0	0.6	EX	Fancsal
531.	2020.06.16	08:40:19.2	47.6106	16.3860	0.0	1.0	EX	Austria
532.	2020.06.16	08:46:38.5	47.1075	17.8932	0.0	1.7	EX	Veszprém
533.	2020.06.16	08:53:01.2	47.0373	17.9527	0.0	-	EX	Felsőörs
534.	2020.06.16	09:43:48.0	48.8266	21.1746	0.0	1.7	EX	Slovakia
535.	2020.06.16	09:47:27.4	48.4358	19.6199	5.2	1.2	EX	Slovakia
536.	2020.06.16	10:08:18.2	47.8650	20.1529	0.0	1.3	GT	Kisnána
537.	2020.06.17	01:37:30.1	47.4561	18.2410	2.0	0.6	EQ	Pusztavám
538.	2020.06.17	09:37:22.5	48.7041	19.4881	10.0	-	EX	Slovakia
539.	2020.06.17	09:38:39.3	48.8080	19.5321	0.0	1.5	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
540.	2020.06.17	12:59:57.1	47.8885	16.1718	0.0	1.7	EX	Austria
541.	2020.06.18	07:52:38.0	48.2518	21.2363	0.0	1.6	EX	Tállya
542.	2020.06.18	07:59:56.0	48.5188	19.3235	1.9	1.9	EX	Slovakia
543.	2020.06.18	08:04:32.7	46.8548	17.2699	0.0	2.0	GT	Várköly
544.	2020.06.18	09:03:56.9	48.6367	20.7712	0.0	1.3	EX	Slovakia
545.	2020.06.18	09:09:37.2	47.8355	19.1270	0.0	1.5	GT	Sejce-Vác
546.	2020.06.18	09:51:41.2	48.4315	19.5642	0.0	1.4	EX	Slovakia
547.	2020.06.18	11:17:47.1	48.2406	19.9357	0.0	1.4	EX	Slovakia
548.	2020.06.19	02:59:34.6	47.6720	20.3168	11.6	1.1	EQ	Erdőtelek
549.	2020.06.19	08:10:27.5	47.1378	18.0011	0.4	1.6	EX	Hajmáskér
550.	2020.06.19	11:11:42.6	48.8024	21.6394	0.0	1.6	EX	Slovakia
551.	2020.06.20	09:07:41.8	46.1765	18.2926	0.0	1.4	GT	Komló
552.	2020.06.22	06:43:46.7	48.3323	21.6359	10.0	1.8	EX	Vajdác
553.	2020.06.22	11:22:59.5	48.0750	20.6990	0.0	1.5	GT	Miskolc-Mexikóvölgy
554.	2020.06.23	06:32:46.9	48.9841	19.3901	0.0	1.7	EX	Slovakia
555.	2020.06.23	11:02:51.5	48.3095	19.9010	0.0	1.2	EX	Slovakia
556.	2020.06.23	11:04:49.0	48.3439	19.8562	10.0	1.6	EX	Slovakia
557.	2020.06.23	12:10:22.1	46.0901	18.1285	0.0	-	EX	Kővágószőlős
558.	2020.06.24	06:41:53.3	47.8738	19.9290	0.0	1.9	EX	Mátraszentimre
559.	2020.06.24	09:04:38.2	48.4465	20.7398	10.0	1.1	EX	Szalonna
560.	2020.06.24	09:59:01.8	48.4350	19.5568	0.0	1.3	EX	Slovakia
561.	2020.06.24	10:03:29.9	47.4169	18.3462	0.0	-	EX	Gánt
562.	2020.06.24	10:58:42.0	47.3511	18.4296	0.3	-	EX	Zámoly
563.	2020.06.24	11:26:33.8	47.3759	18.3512	0.0	-	EX	Gánt
564.	2020.06.24	11:47:18.8	47.3496	18.4450	0.0	-	EX	Zámoly
565.	2020.06.24	13:25:55.6	48.4042	20.6886	0.0	0.8	EX	Szuhogy
566.	2020.06.24	13:31:31.7	48.3922	20.5836	0.0	1.2	EX	Zubogy
567.	2020.06.25	09:09:52.5	47.0225	18.2353	0.0	-	EX	Balatonfőkajár
568.	2020.06.25	11:10:22.3	48.7223	21.4644	0.0	1.5	EX	Slovakia
569.	2020.06.25	11:13:46.5	48.2586	21.1971	0.0	2.5	EX	Abaújszántó
570.	2020.06.25	13:17:02.9	47.8652	16.0578	0.0	0.5	EX	Austria
571.	2020.06.26	05:41:14.9	47.0878	17.9564	0.0	1.6	EX	Szentkirályszabadja
572.	2020.06.26	07:12:44.1	45.5063	17.3377	2.0	-	EQ	Croatia
573.	2020.06.26	08:30:30.1	47.9821	20.3701	0.0	-	EX	Szarvaskő
574.	2020.06.26	08:55:46.2	46.1288	18.3083	0.0	-	EX	Bogád
575.	2020.06.26	09:08:11.4	47.5516	18.4952	0.0	1.5	EX	Szárliget
576.	2020.06.26	10:46:24.4	48.3338	19.8529	0.0	2.0	EX	Slovakia
577.	2020.06.26	16:56:12.7	45.5435	18.2102	5.8	3.7	EQ	Croatia
578.	2020.06.29	07:04:02.2	47.0012	17.9099	0.0	-	EX	Csopak
579.	2020.06.29	07:15:51.3	48.3891	19.0786	15.0	1.8	EX	Slovakia
580.	2020.06.29	07:55:32.4	48.0750	20.6990	0.0	1.4	GT	Miskolc-Mexikóvölgy
581.	2020.06.29	09:24:49.2	47.3436	18.4011	5.3	-	EX	Zámoly
582.	2020.06.29	10:00:18.4	48.0911	17.0330	0.0	1.7	EX	Austria
583.	2020.06.29	15:13:30.2	48.1370	19.6011	10.0	-	EX	Piliny
584.	2020.06.29	21:18:12.6	45.8903	16.0151	2.6	2.1	EQ	Croatia
585.	2020.06.30	03:38:01.0	45.8903	16.0070	0.7	2.3	EQ	Croatia
586.	2020.06.30	08:58:25.5	46.8548	17.2699	0.0	2.4	GT	Várköly
587.	2020.06.30	09:58:02.6	48.9929	20.3204	10.0	-	EX	Slovakia
588.	2020.06.30	12:08:18.0	48.5076	20.3318	0.0	1.6	EX	Slovakia
589.	2020.06.30	19:52:05.5	45.9057	16.0006	0.0	2.0	EQ	Croatia
590.	2020.07.01	04:02:58.6	45.8872	16.0319	2.1	2.5	EQ	Croatia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
591.	2020.07.01	08:37:30.4	48.2470	21.2460	0.0	1.7	GT	Tállya
592.	2020.07.01	09:44:42.7	48.5419	20.7780	0.0	1.3	EX	Komjáti
593.	2020.07.01	10:47:56.2	48.0315	20.5392	10.0	1.1	EX	Répáshuta
594.	2020.07.02	08:41:12.7	48.2470	21.2460	0.0	1.7	GT	Tállya
595.	2020.07.02	08:54:28.7	47.3629	18.3617	0.0	1.5	EX	Csákberény
596.	2020.07.02	08:56:04.6	47.3620	18.3937	0.0	1.8	EX	Gánt
597.	2020.07.02	09:21:19.6	48.7941	21.1036	0.0	1.8	EX	Slovakia
598.	2020.07.02	09:47:52.5	47.2516	18.2912	0.0	-	EX	Iszkaszentgyörgy
599.	2020.07.03	06:23:06.8	47.1439	17.8787	0.0	1.6	EX	Márkó
600.	2020.07.03	08:06:22.5	46.9088	22.7553	0.0	1.6	EX	Romania
601.	2020.07.03	08:17:46.0	47.4104	18.4123	0.0	-	EX	Gánt
602.	2020.07.03	09:29:43.1	48.7087	21.7115	0.0	2.0	EX	Slovakia
603.	2020.07.03	09:56:21.5	48.4868	19.6260	10.0	-	EX	Slovakia
604.	2020.07.03	10:07:17.0	48.7653	20.0619	10.0	-	EX	Slovakia
605.	2020.07.03	10:39:11.3	48.1925	21.5102	0.0	1.3	EX	Kenézlő
606.	2020.07.04	11:51:53.5	48.4910	20.7908	0.0	0.9	EX	Tornabarakony
607.	2020.07.04	19:03:35.9	45.5757	18.1618	15.0	-	EQ	Croatia
608.	2020.07.04	23:16:51.9	46.7810	19.3823	6.0	1.4	EQ	Izsák
609.	2020.07.05	20:49:03.2	47.6048	19.4844	13.2	1.0	EQ	Bag
610.	2020.07.06	07:25:53.4	48.0750	20.6990	0.0	1.4	GT	Miskolc-Mexikóvölgy
611.	2020.07.06	07:40:45.0	47.8842	20.4805	0.0	1.4	EX	Szomolya
612.	2020.07.06	09:35:10.3	48.4359	17.4456	0.0	-	EX	Slovakia
613.	2020.07.06	09:48:08.8	45.5538	17.3316	15.7	2.1	EQ	Croatia
614.	2020.07.06	10:06:33.0	48.4547	19.5612	10.0	1.5	EX	Slovakia
615.	2020.07.07	02:19:11.6	46.0956	16.8079	3.0	1.4	EQ	Croatia
616.	2020.07.07	02:52:48.0	46.0514	16.8386	3.0	1.6	EQ	Croatia
617.	2020.07.07	07:37:02.8	46.0232	22.8513	0.0	2.0	EX	Romania
618.	2020.07.07	08:31:35.7	47.4142	18.3431	0.3	-	EX	Gánt
619.	2020.07.07	09:50:16.1	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
620.	2020.07.07	10:00:27.2	48.0979	16.9848	0.0	-	EX	Austria
621.	2020.07.07	19:12:41.6	47.6959	20.3807	16.9	1.2	EQ	Besenyőtelek
622.	2020.07.08	06:26:27.4	48.9856	19.3525	10.0	2.0	EX	Slovakia
623.	2020.07.08	10:20:08.4	48.4335	19.6431	10.0	-	EX	Slovakia
624.	2020.07.08	10:22:32.1	48.4238	19.6278	0.0	1.3	EX	Slovakia
625.	2020.07.09	05:11:11.1	47.3293	18.2609	0.0	1.1	EX	Söréd
626.	2020.07.09	08:01:22.9	47.3426	18.3857	0.0	-	EX	Zámoly
627.	2020.07.09	08:11:57.2	48.5172	20.7244	0.0	1.2	EX	Bódvarákó
628.	2020.07.09	08:40:18.5	48.4112	17.2507	0.0	-	EX	Slovakia
629.	2020.07.09	08:42:35.1	48.2470	21.2460	0.0	-	GT	Tállya
630.	2020.07.09	08:46:14.7	46.1101	18.0720	0.2	-	EX	Bakonya
631.	2020.07.09	12:36:37.8	48.2522	19.8466	0.0	1.7	EX	Slovakia
632.	2020.07.09	15:59:40.4	48.5382	20.8593	0.0	1.6	EX	Tornaszentjakab
633.	2020.07.10	04:42:15.7	47.3595	18.1654	5.1	0.6	EQ	Mór
634.	2020.07.10	04:47:34.3	47.3309	18.2796	0.0	0.7	EX	Söréd
635.	2020.07.10	06:11:47.5	47.5226	16.3584	0.0	0.6	EX	Austria
636.	2020.07.10	07:48:47.1	45.8552	18.3733	0.2	0.9	EX	Kisharsány
637.	2020.07.10	08:13:57.5	46.9733	22.3792	16.0	2.0	EQ	Romania
638.	2020.07.10	08:34:00.1	48.5323	17.4166	7.0	1.6	EQ	Slovakia
639.	2020.07.10	08:37:55.2	47.8355	19.1270	0.0	1.5	GT	Sejce-Vác
640.	2020.07.10	09:24:45.6	48.6058	21.5919	0.0	-	EX	Slovakia
641.	2020.07.10	09:44:47.6	48.4044	19.5911	10.0	-	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
642.	2020.07.10	10:01:05.7	48.2056	16.9455	0.3	-	EX	Austria
643.	2020.07.11	08:58:31.3	48.5263	20.8510	0.0	1.4	EX	Becskeháza
644.	2020.07.11	09:53:06.8	48.0061	19.6278	0.0	1.5	GT	Nagylóc
645.	2020.07.11	17:12:36.3	46.2137	16.6505	0.3	2.0	EQ	Croatia
646.	2020.07.13	07:46:02.7	48.2366	21.1214	0.0	1.0	EX	Monok
647.	2020.07.13	07:49:09.2	48.5069	19.4107	10.0	1.5	EX	Slovakia
648.	2020.07.13	09:01:47.2	48.6459	17.4841	0.0	1.7	EX	Slovakia
649.	2020.07.13	10:12:26.6	48.5741	20.7718	0.0	1.6	EX	Slovakia
650.	2020.07.13	10:48:12.8	46.9049	22.8184	0.0	1.8	EX	Romania
651.	2020.07.14	07:46:28.1	46.8548	17.2699	0.0	2.3	GT	Várvölgy
652.	2020.07.14	08:23:36.3	48.4838	17.5128	7.0	-	EX	Slovakia
653.	2020.07.14	09:21:04.3	47.2302	18.2835	0.0	1.3	GT	Iszkaszentgyörgy
654.	2020.07.14	10:00:39.6	48.1267	16.9778	6.0	-	EX	Austria
655.	2020.07.14	10:04:18.8	48.5776	20.7487	10.0	1.0	EX	Slovakia
656.	2020.07.14	10:44:36.7	46.0579	22.8659	0.0	1.6	EX	Romania
657.	2020.07.15	06:51:05.1	48.2131	21.5223	15.5	1.6	EX	Viss
658.	2020.07.15	07:04:23.2	48.0750	20.6990	0.0	1.3	GT	Miskolc-Mexikóvölgy
659.	2020.07.15	07:49:36.6	48.6873	19.9205	0.0	1.2	EX	Slovakia
660.	2020.07.15	10:03:55.2	48.5520	20.7940	0.0	1.4	EX	Tornanádaska
661.	2020.07.16	09:25:52.4	47.2302	18.2835	0.0	1.3	GT	Iszkaszentgyörgy
662.	2020.07.16	10:01:25.8	48.1025	17.0063	0.0	1.6	EX	Austria
663.	2020.07.16	10:17:08.1	48.8507	20.9160	9.3	2.0	EX	Slovakia
664.	2020.07.16	12:26:24.1	47.9331	16.2703	0.0	-	EX	Austria
665.	2020.07.16	17:45:45.1	48.5908	17.6295	9.1	1.6	EQ	Slovakia
666.	2020.07.17	07:28:18.4	47.9151	19.4088	0.0	1.8	GT	Szanda
667.	2020.07.17	08:09:12.3	47.9349	20.4114	0.0	1.0	EX	Felsőtárkány
668.	2020.07.17	09:22:40.9	47.6049	16.3663	0.8	-	EX	Austria
669.	2020.07.17	09:30:26.2	48.2470	21.2460	0.0	1.5	GT	Tállya
670.	2020.07.18	02:21:53.9	48.4168	21.7811	0.0	-	EQ	Slovakia
671.	2020.07.18	06:06:00.7	47.6694	20.3795	13.8	1.5	EQ	Tenk
672.	2020.07.18	10:31:15.7	47.6918	20.3371	6.9	1.4	EQ	Erdőtelek
673.	2020.07.19	18:10:40.8	47.6710	20.3757	13.9	1.3	EQ	Tenk
674.	2020.07.20	08:27:37.9	48.4939	19.3586	10.0	-	EX	Slovakia
675.	2020.07.20	08:34:34.9	48.2470	21.2460	0.0	1.3	GT	Tállya
676.	2020.07.20	08:45:26.8	47.5600	18.4573	0.0	1.7	GT	Tatabánya
677.	2020.07.20	09:35:33.2	47.8355	19.1270	0.0	1.5	GT	Sejce-Vác
678.	2020.07.20	09:49:17.4	48.3836	19.6372	0.0	1.3	EX	Slovakia
679.	2020.07.20	12:57:59.2	48.3295	19.8755	10.0	1.6	EX	Slovakia
680.	2020.07.21	06:49:09.8	48.0675	20.6706	0.0	1.3	EX	Bükkszentkereszt
681.	2020.07.21	08:15:55.1	48.4550	21.4105	0.0	1.2	EX	Bózsva
682.	2020.07.21	08:23:43.1	48.5911	20.7440	10.0	1.3	EX	Slovakia
683.	2020.07.21	08:59:03.8	46.1765	18.2926	0.0	1.3	GT	Komló
684.	2020.07.21	09:02:43.0	48.4703	21.3806	0.0	-	EX	Telkibánya
685.	2020.07.21	09:20:28.1	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
686.	2020.07.21	09:29:59.3	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
687.	2020.07.21	10:01:46.0	48.8068	20.9179	10.0	1.8	EX	Slovakia
688.	2020.07.21	10:15:46.5	46.1204	18.0243	0.0	1.4	GT	Bükkösd
689.	2020.07.22	08:23:29.2	47.3745	18.3282	0.0	-	EX	Csákberény
690.	2020.07.22	09:59:05.0	48.7302	20.7559	0.0	1.8	EX	Slovakia
691.	2020.07.22	10:03:04.7	48.4502	19.5556	10.0	-	EX	Slovakia
692.	2020.07.23	07:07:35.5	48.1431	21.3155	13.7	1.3	EX	Tarcal

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
693.	2020.07.23	08:26:47.1	47.9883	20.4243	0.0	1.1	EX	Felsőtárkány
694.	2020.07.23	11:41:08.5	48.6132	21.3364	0.0	1.5	EX	Slovakia
695.	2020.07.24	07:41:52.6	48.4017	19.5603	0.0	1.5	EX	Slovakia
696.	2020.07.24	07:44:28.9	47.5600	18.4573	0.0	1.6	GT	Tatabánya
697.	2020.07.24	08:13:48.3	46.1204	18.0243	0.0	1.3	GT	Bükkösd
698.	2020.07.24	09:06:14.9	46.0539	18.3349	0.0	-	EX	Nagykozár
699.	2020.07.24	10:01:19.6	48.8399	20.8921	4.6	1.8	EX	Slovakia
700.	2020.07.24	10:30:02.9	48.3783	17.3283	0.0	-	EX	Slovakia
701.	2020.07.25	08:18:29.6	48.5880	20.8248	0.0	1.7	EQ	Slovakia
702.	2020.07.26	20:28:40.0	45.9139	16.0200	0.0	1.9	EQ	Croatia
703.	2020.07.27	05:46:34.8	46.0235	22.9332	9.3	1.7	EX	Romania
704.	2020.07.27	09:49:25.7	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
705.	2020.07.28	09:00:47.3	48.6046	20.7868	0.0	1.3	EX	Slovakia
706.	2020.07.28	09:12:40.8	47.6189	16.3792	0.0	1.3	EX	Austria
707.	2020.07.28	09:20:58.0	48.5300	19.3597	0.0	1.7	EX	Slovakia
708.	2020.07.28	10:01:21.5	48.1348	16.9943	0.0	1.3	EX	Austria
709.	2020.07.28	10:31:43.8	48.4480	19.5672	0.0	1.3	EX	Slovakia
710.	2020.07.28	10:33:18.4	48.4441	19.5642	0.0	1.2	EX	Slovakia
711.	2020.07.29	01:22:30.3	47.6825	20.3432	12.2	1.1	EQ	Erdőtelek
712.	2020.07.29	02:10:43.1	48.4989	19.2582	2.1	1.4	EQ	Slovakia
713.	2020.07.29	07:25:50.3	48.0750	20.6990	0.0	1.1	GT	Miskolc-Mexikóvölgy
714.	2020.07.29	07:55:09.9	48.5532	20.7673	0.0	1.5	EX	Komjáti
715.	2020.07.29	10:11:18.4	48.4489	19.5396	21.0	1.3	EX	Slovakia
716.	2020.07.29	10:54:37.3	47.8650	20.1529	0.0	1.2	GT	Kisnána
717.	2020.07.29	11:18:28.3	46.1594	21.4993	16.3	1.5	EX	Romania
718.	2020.07.30	06:54:55.6	47.2855	18.4139	0.0	-	EX	Zámoly
719.	2020.07.30	07:04:59.2	48.6817	18.4704	16.3	1.7	EX	Slovakia
720.	2020.07.30	09:40:54.1	47.2843	18.3086	0.0	-	EX	Magyaralmás
721.	2020.07.30	09:52:38.2	48.5303	20.7790	0.0	1.3	EX	Tornaszentandrás
722.	2020.07.30	10:52:50.5	46.3365	21.9474	5.9	1.8	EX	Romania
723.	2020.07.30	13:43:31.2	47.9001	16.0438	3.1	1.5	EQ	Austria
724.	2020.07.30	14:35:05.7	45.5016	17.9588	0.0	1.6	EX	Croatia
725.	2020.07.30	15:15:51.5	47.6642	20.3598	12.6	1.3	EQ	Tenk
726.	2020.07.30	19:10:03.1	47.3083	18.3395	2.8	1.6	EQ	Magyaralmás
727.	2020.07.30	23:32:34.3	47.6721	20.3235	10.3	1.4	EQ	Erdőtelek
728.	2020.07.31	07:27:48.4	48.7446	21.6511	0.0	2.0	EX	Slovakia
729.	2020.07.31	07:34:18.8	46.1204	18.0243	0.0	1.8	GT	Bükkösd
730.	2020.07.31	08:48:53.4	48.4071	19.0545	15.0	1.5	EX	Slovakia
731.	2020.07.31	10:00:15.4	48.1178	17.0052	0.0	1.4	EX	Austria
732.	2020.08.02	07:49:52.3	47.6553	20.3369	11.4	1.5	EQ	Tenk
733.	2020.08.03	06:59:45.0	48.4178	21.3144	0.0	1.1	EX	Hejce
734.	2020.08.03	08:09:43.3	48.5434	20.6751	10.0	1.2	EX	Szögliget
735.	2020.08.03	08:26:11.0	47.6949	16.0823	7.0	1.4	EX	Austria
736.	2020.08.03	09:05:56.5	48.4657	19.3629	10.0	-	EX	Slovakia
737.	2020.08.03	09:50:43.6	47.0251	21.3569	8.4	2.4	EQ	Újiráz
738.	2020.08.04	07:13:21.1	48.2702	19.9211	0.0	1.3	EX	Slovakia
739.	2020.08.04	07:21:26.6	48.0409	16.5962	0.0	-	EX	Austria
740.	2020.08.04	07:22:52.4	46.0112	22.8533	0.0	1.7	EX	Romania
741.	2020.08.04	08:31:54.5	47.4490	18.7212	2.9	1.7	EX	Etyek
742.	2020.08.04	09:56:32.6	46.0044	22.8363	0.0	1.9	EX	Romania
743.	2020.08.04	10:57:54.4	46.9061	22.7605	0.2	-	EX	Romania

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
744.	2020.08.04	11:38:11.2	48.2470	21.2460	0.0	1.6	GT	Tálya
745.	2020.08.05	07:48:22.5	48.6509	18.5799	10.0	1.7	EX	Slovakia
746.	2020.08.05	07:56:22.1	46.8548	17.2699	0.0	1.7	GT	Várköly
747.	2020.08.05	08:59:12.4	48.5640	20.7548	0.0	1.6	EX	Komjáti
748.	2020.08.05	11:27:34.9	46.0975	22.0615	0.0	1.5	EQ	Romania
749.	2020.08.06	00:47:59.7	48.5541	19.3565	3.9	1.3	EQ	Slovakia
750.	2020.08.06	03:07:39.1	46.0976	18.4931	0.2	0.5	EQ	Kékesd
751.	2020.08.06	07:06:02.4	48.0750	20.6990	0.0	1.2	GT	Miskolc-Mexikóvölgy
752.	2020.08.06	07:41:38.4	48.9288	18.2545	6.9	1.5	EQ	Slovakia
753.	2020.08.06	07:47:10.6	48.5661	19.3677	0.0	1.5	EX	Slovakia
754.	2020.08.06	08:30:10.9	47.5600	18.4573	0.0	1.7	GT	Tatabánya
755.	2020.08.06	09:48:07.9	46.1411	18.3078	0.6	-	EX	Hosszúhetény
756.	2020.08.06	12:07:03.2	47.5576	16.3882	0.0	1.6	EX	Austria
757.	2020.08.07	05:59:24.9	48.3329	21.4464	0.0	1.1	EX	Komlóska
758.	2020.08.07	07:49:21.6	48.5228	20.7913	0.0	1.3	EX	Tornaszentandrás
759.	2020.08.07	08:00:25.2	48.0061	19.6278	0.0	1.2	GT	Nagylóc
760.	2020.08.07	08:10:21.0	45.7664	18.4193	8.0	1.5	EX	Kásád
761.	2020.08.07	09:16:42.7	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
762.	2020.08.07	10:51:43.9	48.7227	21.1156	0.0	1.7	EX	Slovakia
763.	2020.08.08	15:04:51.2	47.8783	19.3026	12.7	1.1	EQ	Legénd
764.	2020.08.10	08:29:50.9	48.2041	21.4853	0.0	1.6	EX	Viss
765.	2020.08.10	08:40:23.0	48.5471	20.7644	0.0	1.1	EX	Komjáti
766.	2020.08.10	09:20:03.8	48.8572	21.0509	0.0	1.6	EX	Slovakia
767.	2020.08.10	10:22:08.5	48.4412	19.5671	0.0	1.3	EX	Slovakia
768.	2020.08.10	12:29:37.9	47.8650	20.1529	0.0	1.3	GT	Kisnána
769.	2020.08.11	06:34:16.7	46.1765	18.2926	0.0	0.7	GT	Komló
770.	2020.08.11	07:48:12.4	46.0383	22.8519	7.1	1.9	EX	Romania
771.	2020.08.11	08:04:07.5	48.5781	20.8652	10.0	-	EX	Slovakia
772.	2020.08.11	08:24:03.7	48.5548	18.3238	0.0	1.6	EX	Slovakia
773.	2020.08.11	08:48:19.2	46.1204	18.0243	0.0	1.3	GT	Bükkösd
774.	2020.08.12	07:03:16.8	47.5970	16.4056	0.0	1.3	EX	Austria
775.	2020.08.12	07:44:26.9	47.7791	19.0372	0.0	1.6	GT	Dunabogdány
776.	2020.08.12	09:39:38.2	48.4518	19.5508	10.0	1.2	EX	Slovakia
777.	2020.08.13	05:18:22.0	48.7492	19.3762	2.6	1.4	EX	Slovakia
778.	2020.08.13	08:37:07.1	48.6050	20.7844	10.0	-	EX	Slovakia
779.	2020.08.13	08:52:18.6	47.8355	19.1270	0.0	1.6	GT	Sejce-Vác
780.	2020.08.14	07:21:15.5	48.0599	20.7149	0.1	-	EX	Kisgyőr
781.	2020.08.14	07:43:17.9	48.7537	19.2186	0.3	1.4	EX	Slovakia
782.	2020.08.14	08:03:51.9	48.5895	20.7925	10.0	-	EX	Slovakia
783.	2020.08.14	08:58:25.7	48.8015	21.6019	0.0	1.9	EX	Slovakia
784.	2020.08.14	09:01:25.7	47.3708	18.4511	0.0	-	EX	Csákvár
785.	2020.08.14	10:01:16.8	48.1554	16.9706	0.0	1.6	EX	Austria
786.	2020.08.14	11:31:14.8	47.8650	20.1529	0.0	1.2	GT	Kisnána
787.	2020.08.14	11:38:40.4	46.1088	18.0746	0.2	-	EX	Bakonya
788.	2020.08.14	19:23:39.1	46.1697	17.1522	14.9	-	EQ	Somogyudvarhely
789.	2020.08.15	02:52:14.1	46.3757	22.7574	14.8	1.7	EQ	Romania
790.	2020.08.15	05:14:18.3	46.0879	17.0790	3.8	2.1	EQ	Croatia
791.	2020.08.15	06:22:35.4	47.7751	18.1899	14.5	1.8	EQ	Slovakia
792.	2020.08.15	16:43:43.7	46.6894	18.4030	8.3	2.3	EQ	Pincehely
793.	2020.08.17	09:10:21.5	48.2170	19.8841	0.0	1.4	EX	Slovakia
794.	2020.08.17	09:43:26.4	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
795.	2020.08.17	11:01:56.9	48.8900	20.6857	10.0	1.5	EX	Slovakia
796.	2020.08.18	07:38:16.9	47.9834	20.3843	0.0	-	EX	Felsőtárkány
797.	2020.08.18	09:09:53.0	48.5392	19.3234	10.0	1.6	EX	Slovakia
798.	2020.08.18	09:29:39.6	47.8355	19.1270	0.0	1.4	GT	Sejce-Vác
799.	2020.08.19	06:58:42.0	47.5946	16.2222	0.0	1.7	EQ	Austria
800.	2020.08.19	08:42:11.7	48.9063	18.8822	0.0	1.6	EX	Slovakia
801.	2020.08.19	08:50:48.8	48.5698	20.7881	2.0	1.6	EQ	Slovakia
802.	2020.08.19	09:08:32.0	48.2369	21.2178	0.0	1.9	EX	Tálya
803.	2020.08.19	10:01:47.2	48.8371	21.3083	0.0	1.8	EX	Slovakia
804.	2020.08.19	10:14:30.9	48.5832	19.7939	10.0	1.2	EX	Slovakia
805.	2020.08.19	10:38:19.0	47.5958	18.3048	0.0	-	EX	Környe
806.	2020.08.19	16:08:04.7	47.4799	19.6697	0.0	1.1	EX	Tóalmás
807.	2020.08.19	22:00:15.4	47.4324	18.2741	4.0	0.3	EQ	Pusztavám
808.	2020.08.20	03:53:21.8	48.5333	17.5354	3.1	1.4	EQ	Slovakia
809.	2020.08.20	07:51:47.0	48.5937	20.7367	0.0	1.0	EX	Slovakia
810.	2020.08.20	08:18:47.2	48.9775	21.2227	10.0	1.8	EX	Slovakia
811.	2020.08.20	13:34:32.5	48.9632	21.2664	0.0	1.5	EX	Slovakia
812.	2020.08.21	07:46:07.2	45.5185	18.0327	15.0	1.9	EX	Croatia
813.	2020.08.21	08:40:40.2	48.5488	20.7876	0.0	1.5	EX	Tornanádaska
814.	2020.08.21	10:05:14.9	47.6124	16.3841	0.1	1.6	EX	Austria
815.	2020.08.21	10:06:48.1	48.4408	19.5655	0.0	1.4	EX	Slovakia
816.	2020.08.21	10:32:11.9	47.5554	16.3558	0.0	1.6	EX	Austria
817.	2020.08.21	10:37:57.3	48.4759	17.3981	0.0	1.5	EX	Slovakia
818.	2020.08.21	14:09:02.5	47.3519	18.3124	5.1	0.8	EQ	Csákberény
819.	2020.08.22	02:53:58.1	47.9208	16.3640	11.8	1.4	EQ	Austria
820.	2020.08.23	03:55:48.7	45.9710	17.1955	5.6	1.8	EQ	Croatia
821.	2020.08.23	04:37:04.4	47.7631	16.1926	5.5	2.3	EQ	Austria
822.	2020.08.24	08:00:44.9	48.6237	20.7121	14.2	1.2	EX	Slovakia
823.	2020.08.24	08:37:22.3	48.3220	17.8437	10.0	-	EX	Slovakia
824.	2020.08.24	08:56:40.1	47.7090	18.5252	0.0	1.8	EX	Bajót
825.	2020.08.24	10:11:41.8	48.0061	19.6278	0.0	1.5	GT	Nagylóc
826.	2020.08.24	13:14:55.3	47.8650	20.1529	0.0	1.5	GT	Kisnána
827.	2020.08.25	00:48:53.6	47.0242	18.4696	1.0	1.1	EQ	Soponya
828.	2020.08.25	08:30:24.7	48.6742	18.6358	0.0	1.9	EX	Slovakia
829.	2020.08.25	10:01:13.3	48.5512	20.7361	0.0	1.7	EQ	Bódvaszilas
830.	2020.08.25	10:48:08.3	48.4436	19.5630	0.0	1.4	EX	Slovakia
831.	2020.08.25	11:02:39.6	48.2361	19.8815	0.0	1.8	EX	Slovakia
832.	2020.08.25	15:15:54.8	47.7093	18.5536	5.0	1.5	EQ	Bajót
833.	2020.08.25	21:30:48.4	45.8854	16.0068	2.0	2.1	EQ	Croatia
834.	2020.08.26	07:29:55.4	46.8860	17.3395	0.0	-	EX	Uzsa
835.	2020.08.26	07:44:33.4	46.3069	17.0829	6.7	2.0	EQ	Csurgónagymarton
836.	2020.08.26	08:23:21.0	47.8355	19.1270	0.0	1.7	GT	Sejce-Vác
837.	2020.08.26	08:58:32.8	46.8548	17.2699	0.0	2.0	GT	Várvolgy
838.	2020.08.26	09:04:10.4	48.8487	20.0354	10.0	-	EX	Slovakia
839.	2020.08.26	09:10:46.4	48.4963	19.1616	0.0	1.6	EX	Slovakia
840.	2020.08.26	10:00:23.5	48.1352	16.9850	6.0	1.7	EX	Austria
841.	2020.08.26	21:57:44.8	45.6038	18.0879	5.0	2.6	EQ	Croatia
842.	2020.08.27	01:44:10.5	48.0281	20.4472	6.9	1.2	EQ	Répáshuta
843.	2020.08.27	07:43:12.4	48.6442	20.7210	10.0	-	EX	Slovakia
844.	2020.08.27	09:35:59.6	48.8345	20.4410	0.0	2.0	EQ	Slovakia
845.	2020.08.27	09:39:55.5	48.5826	20.8075	0.0	1.3	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
846.	2020.08.27	11:03:34.3	47.3622	18.3082	0.1	1.7	EQ	Csákberény
847.	2020.08.27	11:17:38.1	47.3239	18.3172	0.7	-	EQ	Csákberény
848.	2020.08.27	11:51:01.1	47.8646	16.0748	0.0	1.7	EX	Austria
849.	2020.08.27	12:01:43.0	48.9751	21.2461	4.3	1.6	EX	Slovakia
850.	2020.08.28	07:17:10.1	48.0750	20.6990	0.0	1.0	GT	Miskolc-Mexikóvölgy
851.	2020.08.28	08:54:04.8	46.1204	18.0243	0.0	1.9	GT	Bükkösd
852.	2020.08.28	09:05:46.9	47.3242	17.5932	0.0	-	EX	Ugod
853.	2020.08.29	03:11:26.4	47.3903	18.1414	1.4	0.2	EQ	Nagyveleg
854.	2020.08.29	09:19:04.3	48.0061	19.6278	0.0	1.4	GT	Nagylóc
855.	2020.08.29	09:42:54.4	48.0061	19.6278	0.0	1.3	GT	Nagylóc
856.	2020.08.30	05:44:21.2	46.5807	21.2341	7.1	2.1	EQ	Kétegyháza
857.	2020.08.31	06:59:34.1	47.8920	19.4049	0.0	1.8	GT	Bercel
858.	2020.08.31	07:50:24.3	48.7249	19.6170	10.1	2.0	EQ	Slovakia
859.	2020.08.31	07:58:56.8	45.9377	22.3595	25.9	1.9	EQ	Romania
860.	2020.08.31	08:46:21.7	46.1765	18.2926	0.0	1.4	GT	Komló
861.	2020.08.31	09:13:43.6	47.9151	19.4088	0.0	1.8	GT	Szanda
862.	2020.08.31	09:28:47.2	47.0459	22.4264	6.1	2.1	EX	Romania
863.	2020.08.31	09:54:39.4	48.4424	19.5700	0.0	1.3	EX	Slovakia
864.	2020.09.01	03:59:11.4	48.7182	19.6145	10.0	1.6	EQ	Slovakia
865.	2020.09.01	07:16:48.0	48.1812	21.3602	0.0	1.2	EX	Bodrogkisfalud
866.	2020.09.01	07:57:23.3	46.0220	22.8159	0.0	1.7	EX	Romania
867.	2020.09.01	08:09:14.6	47.3958	18.3856	0.0	1.6	EX	Gánt
868.	2020.09.01	12:30:24.4	47.8650	20.1529	0.0	1.3	GT	Kisnána
869.	2020.09.01	19:18:58.6	46.9412	21.2345	8.3	-	EQ	Vésztő
870.	2020.09.02	08:01:46.2	47.9495	19.2010	0.2	-	EX	Tereske
871.	2020.09.02	09:33:48.9	47.3812	18.4973	10.0	-	EX	Csákvár
872.	2020.09.02	09:50:34.4	48.5225	20.7734	0.0	1.1	EX	Tornaszentandrás
873.	2020.09.03	01:59:10.6	47.4081	19.0162	8.9	1.2	EQ	Diósd
874.	2020.09.03	06:34:53.3	47.6697	20.3329	11.2	1.6	EQ	Tenk
875.	2020.09.03	07:11:37.4	47.9442	20.3737	0.0	1.3	EX	Felsőtárkány
876.	2020.09.03	08:30:21.4	46.1105	18.0844	0.1	1.5	EX	Bakonya
877.	2020.09.03	09:05:27.7	47.2302	18.2835	0.0	1.1	GT	Iszkaszentgyörgy
878.	2020.09.03	09:56:26.6	47.0064	17.8139	0.0	1.6	EX	Hidegkút
879.	2020.09.03	09:59:57.2	48.2114	16.8918	6.0	-	EX	Austria
880.	2020.09.03	10:03:23.1	48.2470	21.2460	0.0	1.3	GT	Tállya
881.	2020.09.03	11:49:42.3	48.3443	19.8574	0.0	1.7	EX	Slovakia
882.	2020.09.04	08:47:12.9	47.5600	18.4573	0.0	1.3	GT	Tatabánya
883.	2020.09.04	08:54:31.0	46.1765	18.2926	0.0	1.4	GT	Komló
884.	2020.09.04	09:39:28.2	47.2798	18.2843	10.0	-	EX	Fehérvárcsurgó
885.	2020.09.04	11:13:16.8	47.8788	16.0197	9.0	-	EX	Austria
886.	2020.09.05	03:54:31.1	47.6692	20.3421	11.3	-	EQ	Tenk
887.	2020.09.05	18:51:37.8	48.4315	22.6611	14.2	2.1	EQ	Ukraine
888.	2020.09.07	06:24:07.3	48.3052	21.4749	0.0	1.5	EX	Tolcsva
889.	2020.09.07	06:35:34.3	46.0074	22.8436	0.0	1.9	EX	Romania
890.	2020.09.07	07:53:23.3	48.7956	19.3426	0.0	1.7	EX	Slovakia
891.	2020.09.07	09:09:37.2	47.5608	17.7913	9.0	-	EX	Pázmándfalu
892.	2020.09.07	09:21:29.1	46.0207	22.7952	0.0	1.4	EX	Romania
893.	2020.09.07	09:53:00.4	48.4262	21.3495	0.0	-	EX	Regéc
894.	2020.09.07	12:18:04.2	47.8650	20.1529	0.0	1.1	GT	Kisnána
895.	2020.09.07	12:21:04.2	48.6023	20.1461	10.0	-	EX	Slovakia
896.	2020.09.08	01:08:12.8	45.9292	16.0259	9.0	1.6	EQ	Croatia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
897.	2020.09.08	01:36:25.2	48.7449	19.2480	10.0	1.3	EQ	Slovakia
898.	2020.09.08	06:58:05.6	48.4076	18.6293	10.0	1.7	EX	Slovakia
899.	2020.09.08	08:35:40.7	47.8650	20.1529	0.0	1.9	GT	Kisnána
900.	2020.09.08	09:04:30.6	47.6097	16.3956	0.0	1.5	EX	Austria
901.	2020.09.08	09:37:03.7	47.3686	18.3447	2.6	-	EX	Csákberény
902.	2020.09.08	10:02:12.1	48.1398	16.9817	0.0	1.6	EX	Austria
903.	2020.09.08	11:19:27.0	47.6711	20.3639	14.5	1.6	EQ	Tenk
904.	2020.09.08	13:48:21.4	47.6959	16.0872	0.0	1.9	EQ	Austria
905.	2020.09.09	07:40:34.5	48.1064	21.3175	0.0	1.5	EX	Tarcal
906.	2020.09.09	08:30:51.7	48.0881	20.5809	0.0	1.3	EX	Bükkszentkereszt
907.	2020.09.09	09:23:07.8	48.4016	19.1043	0.0	1.9	EX	Slovakia
908.	2020.09.09	10:07:01.6	48.5673	20.7955	0.0	1.7	EX	Tornanádaska
909.	2020.09.10	08:27:13.8	47.8355	19.1270	0.0	1.7	GT	Sejce-Vác
910.	2020.09.10	08:49:05.6	48.2470	21.2460	0.0	2.1	GT	Tállya
911.	2020.09.10	10:15:28.8	48.7494	21.2398	10.0	-	EX	Slovakia
912.	2020.09.10	10:17:29.5	48.9074	21.0219	0.0	-	EX	Slovakia
913.	2020.09.10	10:20:06.0	48.4956	19.4119	10.0	1.6	EX	Slovakia
914.	2020.09.10	22:35:31.9	48.7844	21.9835	10.0	1.6	EQ	Slovakia
915.	2020.09.11	09:19:42.7	48.5160	20.7651	0.0	1.5	EX	Tornaszentandrás
916.	2020.09.11	10:14:58.8	48.2797	19.8684	0.0	1.4	EX	Slovakia
917.	2020.09.11	11:09:41.1	47.6071	16.3594	0.7	1.6	EX	Austria
918.	2020.09.11	12:47:58.0	48.5580	20.7909	0.0	1.2	EX	Tornanádaska
919.	2020.09.11	18:47:39.7	48.6226	20.3250	10.0	0.8	EQ	Slovakia
920.	2020.09.12	09:01:12.0	46.1379	18.2962	0.0	-	EX	Mánfa
921.	2020.09.12	12:46:45.6	45.5933	18.0481	15.0	-	EQ	Croatia
922.	2020.09.13	00:03:51.8	48.5714	17.6246	5.0	1.8	EQ	Slovakia
923.	2020.09.13	02:19:46.3	46.1615	16.0780	9.4	2.1	EQ	Croatia
924.	2020.09.14	08:43:26.1	46.1204	18.0243	0.0	1.8	GT	Bükkösd
925.	2020.09.14	08:56:43.4	48.5307	17.4428	0.0	1.4	EX	Slovakia
926.	2020.09.14	09:52:30.7	46.8852	17.3049	0.0	1.6	EX	Várvolgy
927.	2020.09.14	10:05:50.0	48.7059	20.8004	0.0	1.6	EX	Slovakia
928.	2020.09.14	10:43:40.6	48.4220	20.7731	0.0	1.1	EX	Galvács
929.	2020.09.15	01:09:59.8	47.6979	16.0440	7.9	1.8	EQ	Austria
930.	2020.09.15	07:37:33.2	47.5499	18.4922	0.0	1.5	EX	Szárliget
931.	2020.09.15	08:23:42.1	47.9682	20.3832	0.0	1.6	EX	Felsőtárkány
932.	2020.09.15	11:53:31.7	47.3096	18.4361	0.0	-	EX	Zámoly
933.	2020.09.15	20:31:21.3	47.7390	16.0965	10.3	1.3	EQ	Austria
934.	2020.09.15	23:47:42.4	47.7911	16.1175	0.0	1.6	EQ	Austria
935.	2020.09.15	23:49:37.1	47.8214	16.1330	8.7	0.6	EQ	Austria
936.	2020.09.16	08:50:13.7	48.7391	20.8173	0.0	1.7	EX	Slovakia
937.	2020.09.16	08:57:01.0	48.2000	21.4673	0.3	1.6	EX	Zalkod
938.	2020.09.16	10:00:50.6	48.1770	16.9901	0.0	1.4	EX	Slovakia
939.	2020.09.16	10:21:13.1	48.4478	19.5676	0.0	1.0	EX	Slovakia
940.	2020.09.16	11:22:40.2	48.8881	20.6952	0.0	1.4	EX	Slovakia
941.	2020.09.17	06:46:36.8	46.1204	18.0243	0.0	1.4	GT	Bükkösd
942.	2020.09.17	07:29:29.3	47.3300	17.6350	0.0	1.7	GT	Ugod
943.	2020.09.17	07:32:21.3	48.0695	20.7037	0.0	-	EX	Bükkszentkereszt
944.	2020.09.17	08:03:28.3	47.2793	18.3505	0.0	-	EX	Magyaralmás
945.	2020.09.17	08:32:14.4	48.9901	18.3454	0.0	1.7	EX	Slovakia
946.	2020.09.17	08:57:28.2	48.8719	20.8018	0.0	1.7	EX	Slovakia
947.	2020.09.17	09:10:13.4	48.4201	19.1326	0.0	1.5	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
948.	2020.09.17	09:50:32.0	48.2470	21.2460	0.0	1.9	GT	Tálya
949.	2020.09.17	10:40:31.4	48.7646	21.1957	0.0	1.3	EX	Slovakia
950.	2020.09.17	11:39:02.7	45.5196	17.2443	15.0	-	EQ	Croatia
951.	2020.09.17	11:40:46.1	46.1200	16.7293	12.0	1.7	EQ	Croatia
952.	2020.09.18	04:44:47.7	47.7649	16.1212	5.1	1.7	EQ	Austria
953.	2020.09.18	06:40:34.4	48.4181	21.4067	0.0	1.2	EX	Háromhuta
954.	2020.09.18	08:07:41.1	48.5470	20.8074	0.0	1.8	EX	Bódvalenke
955.	2020.09.18	08:24:32.9	46.1388	18.3032	0.0	-	EX	Hosszúhetény
956.	2020.09.18	09:08:30.6	47.4185	18.7811	0.0	1.7	EX	Pusztazámor
957.	2020.09.18	09:35:54.3	46.9149	22.8627	6.9	1.4	EX	Romania
958.	2020.09.18	10:09:49.0	48.4023	17.2629	0.0	1.6	EX	Slovakia
959.	2020.09.18	12:04:45.7	47.8650	20.1529	0.0	1.1	GT	Kisnána
960.	2020.09.19	08:38:58.0	46.1765	18.2926	0.0	-	GT	Komló
961.	2020.09.19	09:22:17.6	47.8002	16.1185	9.0	1.4	EQ	Austria
962.	2020.09.20	13:01:12.9	45.8733	16.0328	4.5	2.2	EQ	Croatia
963.	2020.09.20	16:37:36.5	47.7792	16.0784	9.0	1.8	EQ	Austria
964.	2020.09.21	08:14:05.5	48.7815	20.0812	0.0	1.5	EX	Slovakia
965.	2020.09.21	08:15:53.3	48.6755	18.6605	0.0	1.9	EX	Slovakia
966.	2020.09.21	08:33:37.9	48.0061	19.6278	0.0	-	GT	Nagylóc
967.	2020.09.21	08:52:31.4	48.4912	17.5095	0.0	1.6	EX	Slovakia
968.	2020.09.21	09:45:48.0	48.7431	21.6512	0.0	2.0	EX	Slovakia
969.	2020.09.22	08:49:07.9	48.9366	20.9946	0.0	1.6	EX	Slovakia
970.	2020.09.22	09:15:47.6	47.8355	19.1270	0.0	1.8	GT	Sejce-Vác
971.	2020.09.22	10:27:43.9	46.1106	21.6956	5.3	1.9	EX	Romania
972.	2020.09.22	11:51:42.3	47.4364	16.3308	0.0	1.7	EX	Austria
973.	2020.09.23	06:34:18.0	48.0947	20.6079	0.0	1.0	EX	Bükkszentkereszt
974.	2020.09.23	08:47:38.0	48.5238	20.7623	0.0	1.0	EX	Tornaszentandrás
975.	2020.09.23	09:44:22.4	48.2491	21.2240	0.0	2.0	EX	Tálya
976.	2020.09.23	10:05:13.4	47.8536	16.2786	0.0	-	EX	Austria
977.	2020.09.23	10:13:50.1	47.9288	16.2818	0.0	1.5	EX	Austria
978.	2020.09.23	10:24:55.8	48.4396	19.5679	0.0	1.5	EX	Slovakia
979.	2020.09.23	12:02:39.5	46.6106	22.4406	0.0	1.7	EX	Romania
980.	2020.09.24	07:49:13.7	47.3165	18.3574	0.0	-	EX	Magyaralmás
981.	2020.09.24	08:39:59.9	47.7791	19.0372	0.0	1.9	GT	Dunabogdány
982.	2020.09.24	09:00:08.3	48.8380	21.1122	0.0	1.8	EX	Slovakia
983.	2020.09.24	13:30:23.3	47.2102	16.2876	0.0	1.9	EX	Austria
984.	2020.09.24	17:07:40.1	46.9174	21.1159	11.9	1.7	EQ	Körösladány
985.	2020.09.24	22:16:44.2	46.9007	21.2023	10.1	2.0	EQ	Bélmegyer
986.	2020.09.25	05:47:43.9	47.5600	18.4573	0.0	1.2	GT	Tatabánya
987.	2020.09.25	07:07:22.6	48.3769	17.3189	0.0	-	EX	Slovakia
988.	2020.09.25	08:05:58.5	46.8542	17.2739	0.0	2.1	EX	Várvölgy
989.	2020.09.25	08:39:46.5	48.2328	18.7770	0.0	1.8	EX	Slovakia
990.	2020.09.25	09:11:26.2	45.5340	17.8426	15.0	-	EQ	Croatia
991.	2020.09.25	10:11:49.3	48.3423	19.8665	0.0	1.7	EX	Slovakia
992.	2020.09.25	12:23:42.2	47.7730	16.0970	7.0	1.9	EQ	Austria
993.	2020.09.25	13:10:14.6	47.7869	16.0252	9.0	-	EQ	Austria
994.	2020.09.25	19:21:07.6	48.5793	17.6438	5.8	1.9	EQ	Slovakia
995.	2020.09.25	20:35:02.5	47.7966	16.2241	9.3	1.7	EQ	Austria
996.	2020.09.27	04:32:38.6	46.2392	16.6463	11.0	1.8	EQ	Croatia
997.	2020.09.27	05:12:24.2	46.1956	16.6806	0.0	1.6	EQ	Croatia
998.	2020.09.28	06:38:58.6	48.0750	20.6990	0.0	1.3	GT	Miskolc-Mexikóvölgy

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
999.	2020.09.28	07:30:16.8	48.6650	18.6152	0.0	1.8	EX	Slovakia
1000.	2020.09.28	08:44:24.1	46.0262	22.8250	0.0	1.8	EX	Romania
1001.	2020.09.28	08:47:48.7	48.7484	18.0755	0.0	1.8	EX	Slovakia
1002.	2020.09.28	09:24:23.4	48.8932	20.5798	10.0	1.5	EX	Slovakia
1003.	2020.09.28	11:01:53.6	45.7960	21.8454	2.0	-	EQ	Romania
1004.	2020.09.28	11:04:17.5	48.8859	21.1397	0.0	1.6	EX	Slovakia
1005.	2020.09.28	12:06:39.1	48.5794	20.8338	0.0	1.1	EX	Slovakia
1006.	2020.09.28	16:11:34.0	47.6096	16.4022	0.0	1.5	EX	Austria
1007.	2020.09.29	00:05:28.5	47.6779	20.3360	13.6	1.2	EQ	Erdőtelek
1008.	2020.09.29	07:34:52.0	47.1153	18.0280	0.0	1.6	EX	Királyszentistván
1009.	2020.09.29	08:01:18.4	45.9630	17.7950	14.4	1.4	EQ	Szentegát
1010.	2020.09.29	08:35:39.3	47.2853	18.4280	0.0	-	EX	Zámoly
1011.	2020.09.29	09:25:39.4	48.5692	20.7746	4.0	1.4	EX	Slovakia
1012.	2020.09.29	10:00:32.7	48.1784	16.9422	0.0	1.9	EX	Austria
1013.	2020.09.29	12:54:32.9	45.9707	17.7891	14.1	1.3	EQ	Bürüs
1014.	2020.09.30	00:42:19.0	45.9728	17.7973	12.6	1.0	EQ	Szentegát
1015.	2020.09.30	07:08:43.2	48.5203	17.4933	7.0	-	EX	Slovakia
1016.	2020.09.30	07:39:34.1	48.5470	18.4280	0.0	1.7	EX	Slovakia
1017.	2020.09.30	07:41:54.7	47.7052	18.5377	0.0	-	EX	Bajót
1018.	2020.09.30	08:29:51.2	48.2470	21.2460	0.0	1.8	GT	Tállya
1019.	2020.09.30	09:48:37.1	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
1020.	2020.09.30	10:04:50.3	46.1204	18.0243	0.0	-	GT	Bükkösd
1021.	2020.09.30	11:21:41.5	47.9567	16.1258	0.0	-	EX	Austria
1022.	2020.10.01	07:43:03.7	47.5600	18.4573	0.0	1.7	GT	Tatabánya
1023.	2020.10.01	07:50:23.4	48.0750	20.6990	0.0	1.4	GT	Miskolc-Mexikóvölgy
1024.	2020.10.01	08:56:03.9	48.5235	17.4619	0.0	-	EX	Slovakia
1025.	2020.10.01	10:51:15.3	47.3540	18.4194	0.0	1.6	EX	Zámoly
1026.	2020.10.01	11:30:40.4	48.9048	21.1112	0.0	1.5	EX	Slovakia
1027.	2020.10.01	13:01:50.0	47.7824	19.4614	0.0	-	EX	Erdőkürt
1028.	2020.10.01	14:26:13.6	47.6278	16.3927	0.0	1.5	EX	Austria
1029.	2020.10.02	01:11:37.0	47.4578	18.8763	3.0	1.2	EQ	Törökbálint
1030.	2020.10.02	06:24:12.9	46.8708	17.3173	0.0	-	EX	Várvölgy
1031.	2020.10.02	08:20:04.5	48.3740	17.3566	0.0	1.9	EX	Slovakia
1032.	2020.10.02	08:31:31.4	47.8355	19.1270	0.0	1.4	GT	Sejce-Vác
1033.	2020.10.02	08:38:02.7	48.2667	21.4565	0.0	1.5	EX	Vámosújfalú
1034.	2020.10.02	08:44:20.8	48.2997	19.0200	0.0	1.5	EX	Slovakia
1035.	2020.10.02	10:20:11.8	46.9649	22.2951	0.0	2.0	EX	Romania
1036.	2020.10.02	11:37:53.5	48.3957	20.6306	0.0	1.3	EX	Felsőtelekes
1037.	2020.10.02	16:40:37.2	45.8367	16.0207	1.9	2.5	EQ	Croatia
1038.	2020.10.05	08:27:03.8	47.7791	19.0372	0.0	1.7	GT	Dunabogdány
1039.	2020.10.05	08:44:01.8	48.6300	18.5960	0.0	1.8	EX	Slovakia
1040.	2020.10.05	08:46:58.9	47.9151	19.4088	0.0	1.9	GT	Szanda
1041.	2020.10.05	09:07:09.3	48.5202	20.7518	0.0	1.6	EX	Bódvarákó
1042.	2020.10.05	10:48:54.9	48.5544	17.4836	0.0	1.6	EX	Slovakia
1043.	2020.10.05	11:30:30.6	48.2029	19.8229	0.0	1.6	EX	Slovakia
1044.	2020.10.07	07:52:11.9	46.8548	17.2699	0.0	1.9	GT	Várvölgy
1045.	2020.10.07	08:48:27.7	47.5600	18.4573	0.0	1.7	GT	Tatabánya
1046.	2020.10.07	09:33:45.4	46.9079	22.7936	0.1	1.4	EX	Romania
1047.	2020.10.07	10:00:37.9	48.1890	16.9322	0.0	1.9	EX	Austria
1048.	2020.10.08	07:30:04.2	48.3742	17.2320	0.0	-	EX	Slovakia
1049.	2020.10.08	08:03:12.2	47.0983	18.0845	0.0	1.7	EX	Papkeszi

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1050.	2020.10.08	08:15:03.5	46.1204	18.0243	0.0	1.2	GT	Bükkösd
1051.	2020.10.08	08:24:14.0	48.5253	20.8131	10.0	-	EX	Becskeháza
1052.	2020.10.08	08:25:27.1	48.2470	21.2460	0.0	1.7	GT	Tállya
1053.	2020.10.09	07:16:39.1	48.0750	20.6990	0.0	1.2	GT	Miskolc-Mexikóvölgy
1054.	2020.10.09	08:15:50.0	47.3810	18.1267	0.0	-	EX	Nagyveleg
1055.	2020.10.09	10:11:33.0	48.4298	20.8254	0.0	1.4	EX	Meszes
1056.	2020.10.09	12:06:45.9	48.6023	20.2176	0.0	1.2	EX	Slovakia
1057.	2020.10.09	12:20:29.1	48.6378	22.4019	9.6	2.1	EX	Ukraine
1058.	2020.10.10	02:17:42.7	48.0574	20.8559	3.0	0.8	EQ	Kistokaj
1059.	2020.10.10	03:55:45.0	48.0696	20.8560	3.5	2.2	EQ	Alsózsolca
1060.	2020.10.10	04:01:36.7	48.0392	20.8542	3.0	1.3	EQ	Kistokaj
1061.	2020.10.10	09:02:55.0	46.1765	18.2926	0.0	0.8	GT	Komló
1062.	2020.10.10	12:37:37.7	47.4247	19.7698	9.9	2.4	EQ	Nagykáta
1063.	2020.10.11	06:26:41.8	47.4359	19.8123	8.6	1.6	EQ	Nagykáta
1064.	2020.10.11	14:27:28.9	45.9705	17.7912	13.7	1.3	EQ	Bürüs
1065.	2020.10.12	03:28:47.3	48.0448	20.8528	3.0	0.8	EQ	Kistokaj
1066.	2020.10.12	06:09:43.5	47.9740	20.3578	0.0	-	EX	Szarvaskő
1067.	2020.10.12	07:49:43.1	48.4820	17.3969	0.0	1.5	EX	Slovakia
1068.	2020.10.12	08:08:03.2	48.5776	20.8101	0.0	1.1	EX	Slovakia
1069.	2020.10.12	08:11:48.5	48.3681	19.0447	0.0	1.5	EX	Slovakia
1070.	2020.10.12	08:35:45.3	48.7434	21.4289	0.0	1.8	EX	Slovakia
1071.	2020.10.12	09:31:42.4	47.8355	19.1270	0.0	1.6	GT	Sejce-Vác
1072.	2020.10.12	11:32:41.0	48.0061	19.6278	0.0	1.4	GT	Nagylóc
1073.	2020.10.13	03:49:59.7	45.7757	16.8937	6.3	2.1	EQ	Croatia
1074.	2020.10.13	10:00:08.5	48.1846	16.9408	4.0	-	EX	Austria
1075.	2020.10.13	10:10:34.3	48.3599	21.8178	0.0	1.5	EX	Slovakia
1076.	2020.10.13	10:24:30.9	48.5000	21.5912	0.0	-	EX	Slovakia
1077.	2020.10.13	11:10:56.8	46.1204	22.4951	0.0	1.6	EX	Romania
1078.	2020.10.13	16:10:47.7	48.3871	19.6545	10.0	1.2	EQ	Slovakia
1079.	2020.10.14	08:13:59.9	47.5600	18.4573	0.0	1.4	GT	Tatabánya
1080.	2020.10.14	08:16:24.2	48.8891	20.7084	0.0	1.5	EX	Slovakia
1081.	2020.10.14	09:48:45.4	48.5299	17.4637	0.0	-	EX	Slovakia
1082.	2020.10.14	14:35:30.0	48.1648	21.3121	12.0	1.1	EQ	Bodrogkisfalud
1083.	2020.10.15	08:46:53.7	46.1765	18.2926	0.0	-	GT	Komló
1084.	2020.10.15	08:52:23.5	48.5734	20.7985	0.0	1.4	EX	Slovakia
1085.	2020.10.15	09:02:25.0	48.7586	19.8131	0.0	1.5	EX	Slovakia
1086.	2020.10.15	09:12:15.4	48.5656	20.8155	0.0	1.2	EX	Slovakia
1087.	2020.10.15	22:22:58.4	47.8490	16.2218	7.8	2.0	EQ	Austria
1088.	2020.10.16	07:26:48.3	47.8816	20.4761	5.0	-	EQ	Szomolya
1089.	2020.10.16	08:11:31.1	47.9151	19.4088	0.0	1.8	GT	Szanda
1090.	2020.10.16	08:46:07.6	48.5641	20.7806	0.0	1.6	EX	Tornanádaska
1091.	2020.10.16	09:40:36.6	48.9833	19.8211	0.0	1.3	EX	Slovakia
1092.	2020.10.16	11:34:28.3	48.7255	21.1686	0.0	1.2	EX	Slovakia
1093.	2020.10.16	12:00:40.1	45.5509	17.5889	0.0	1.7	EX	Croatia
1094.	2020.10.17	17:21:44.5	48.0887	20.8689	10.0	-	EQ	Alsózsolca
1095.	2020.10.19	06:45:34.5	48.0750	20.6990	0.0	1.2	GT	Miskolc-Mexikóvölgy
1096.	2020.10.19	08:08:59.9	47.5616	18.7092	0.0	1.3	EX	Zsámbék
1097.	2020.10.19	08:56:02.8	48.7972	21.1079	0.0	1.3	EX	Slovakia
1098.	2020.10.19	08:58:53.4	48.8504	21.0748	0.0	1.7	EX	Slovakia
1099.	2020.10.19	09:50:05.1	48.0750	20.8334	5.8	2.9	EQ	Alsózsolca
1100.	2020.10.19	18:43:01.4	47.6683	20.3318	12.3	1.3	EQ	Tenk

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1101.	2020.10.20	07:52:19.8	47.8987	20.0893	0.0	1.7	GT	Recsk
1102.	2020.10.20	08:42:26.8	48.6324	20.7650	0.0	1.5	EX	Slovakia
1103.	2020.10.20	08:58:18.2	47.5600	18.4573	0.0	1.4	GT	Tatabánya
1104.	2020.10.20	09:09:07.8	48.9846	20.1990	0.0	1.6	EX	Slovakia
1105.	2020.10.20	09:16:39.5	45.6616	17.2639	4.3	2.0	EX	Croatia
1106.	2020.10.21	08:21:32.8	48.4038	19.1177	3.0	1.7	EX	Slovakia
1107.	2020.10.21	09:24:56.4	47.8355	19.1270	0.0	1.4	GT	Sejce-Vác
1108.	2020.10.21	10:08:04.8	48.2470	21.2460	0.0	1.5	GT	Tálya
1109.	2020.10.21	10:23:26.9	48.5184	19.3516	8.0	1.9	EX	Slovakia
1110.	2020.10.21	11:01:10.7	47.1887	17.7838	0.0	-	EX	Hárskút
1111.	2020.10.21	11:16:06.7	47.1844	17.7708	0.0	1.7	EX	Hárskút
1112.	2020.10.21	15:44:47.4	48.0420	20.8521	3.0	1.1	EQ	Kistokaj
1113.	2020.10.22	08:15:47.5	47.6470	18.5402	0.0	1.8	EX	Héreg
1114.	2020.10.22	08:17:57.6	48.7554	20.7950	3.7	1.6	EX	Slovakia
1115.	2020.10.23	07:51:32.7	46.9668	22.3057	0.0	1.9	EQ	Romania
1116.	2020.10.23	09:49:16.5	48.7418	21.5469	1.7	1.6	EX	Slovakia
1117.	2020.10.23	13:44:15.9	47.4378	16.5266	0.0	1.6	EX	Austria
1118.	2020.10.23	19:24:44.6	48.3852	22.3196	14.1	1.5	EQ	Ukraine
1119.	2020.10.23	23:49:29.9	48.0443	20.8618	2.0	-	EQ	Kistokaj
1120.	2020.10.24	22:52:33.0	48.0493	20.8661	5.0	-	EQ	Kistokaj
1121.	2020.10.25	09:28:33.3	47.6679	20.3232	12.3	1.7	EQ	Erdőtelek
1122.	2020.10.26	09:26:28.2	48.0750	20.6990	0.0	1.3	GT	Miskolc-Mexikóvölgy
1123.	2020.10.26	10:38:55.6	48.6248	20.8085	0.0	1.4	EX	Slovakia
1124.	2020.10.27	06:54:21.3	47.3300	17.6350	0.0	-	GT	Ugod
1125.	2020.10.27	10:22:03.0	48.5296	20.7454	0.0	1.4	EX	Bódvaszilas
1126.	2020.10.27	10:38:34.5	46.1765	18.2926	0.0	1.4	GT	Komló
1127.	2020.10.27	10:59:58.2	48.1749	16.9502	0.0	2.1	EX	Austria
1128.	2020.10.28	09:18:40.4	47.5278	19.9429	13.9	2.2	EQ	Jászjákóhalma
1129.	2020.10.28	10:46:59.8	47.8927	18.8941	0.0	-	EX	Márianosztra
1130.	2020.10.28	11:15:10.2	48.5425	20.7951	0.0	1.9	EX	Bódvalenke
1131.	2020.10.28	22:58:07.1	46.1811	16.6422	7.9	1.9	EQ	Croatia
1132.	2020.10.29	10:01:14.1	48.2328	21.2239	0.0	2.0	EX	Tálya
1133.	2020.10.29	10:09:28.5	48.7344	21.2481	0.0	-	EX	Slovakia
1134.	2020.10.29	10:35:18.8	48.7373	20.7802	0.0	1.7	EX	Slovakia
1135.	2020.10.29	11:00:42.4	48.1105	16.9997	0.0	2.0	EX	Austria
1136.	2020.10.29	11:47:30.0	48.3317	19.8582	0.0	1.8	EX	Slovakia
1137.	2020.10.30	07:37:44.8	48.4376	18.6366	5.4	1.9	EX	Slovakia
1138.	2020.10.30	07:41:26.7	48.1050	21.3498	0.0	1.5	EX	Tarcal
1139.	2020.10.30	08:50:36.5	46.9655	22.3457	5.0	1.8	EX	Romania
1140.	2020.10.30	09:57:39.6	46.9493	17.3108	0.0	2.0	EX	Sümeprága
1141.	2020.11.02	07:32:19.5	46.0112	22.8025	0.0	1.7	EX	Romania
1142.	2020.11.02	09:23:36.2	45.9964	22.7565	0.0	1.6	EX	Romania
1143.	2020.11.02	10:10:34.2	48.5429	20.7671	0.0	1.4	EX	Komjáti
1144.	2020.11.02	10:12:46.1	48.2382	19.8581	0.0	1.5	EX	Slovakia
1145.	2020.11.02	10:54:21.9	47.8920	19.4049	0.0	1.9	GT	Bercel
1146.	2020.11.02	11:13:39.2	48.5785	20.9082	0.0	1.6	EX	Slovakia
1147.	2020.11.02	13:31:31.6	46.6499	22.0644	9.2	2.7	EQ	Romania
1148.	2020.11.03	08:24:04.4	48.9974	19.3413	0.0	-	EX	Slovakia
1149.	2020.11.03	10:20:57.7	47.3866	18.3526	0.0	-	EX	Gánt
1150.	2020.11.03	13:13:27.5	46.8130	17.3074	0.1	1.9	EX	Vállus
1151.	2020.11.04	08:52:08.0	48.0995	20.6107	0.0	-	EX	Bükkszentkereszt

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1152.	2020.11.04	10:16:58.1	48.5308	20.7427	0.0	1.6	EX	Bódvaszilas
1153.	2020.11.04	10:33:37.0	48.5644	20.9514	0.0	1.6	EX	Slovakia
1154.	2020.11.05	08:04:19.0	48.2470	21.2460	0.0	1.9	GT	Tállya
1155.	2020.11.05	09:28:09.1	46.1204	18.0243	0.0	1.3	GT	Bükkösd
1156.	2020.11.05	09:37:10.3	47.8819	19.1382	0.0	2.0	EX	Nótincs
1157.	2020.11.05	10:37:03.3	48.4054	19.1366	0.0	2.0	EX	Slovakia
1158.	2020.11.05	10:54:14.3	48.8256	21.0574	0.0	1.8	EX	Slovakia
1159.	2020.11.06	08:41:15.2	46.1204	18.0243	0.0	1.5	GT	Bükkösd
1160.	2020.11.06	10:08:57.1	48.5609	20.8218	0.0	1.3	EX	Slovakia
1161.	2020.11.06	10:31:56.7	47.5600	18.4573	0.0	1.5	GT	Tatabánya
1162.	2020.11.06	11:00:40.8	48.1542	16.9497	0.0	-	EX	Austria
1163.	2020.11.06	14:21:16.8	48.8727	20.9129	0.0	1.6	EX	Slovakia
1164.	2020.11.08	19:34:26.0	47.6324	20.3715	14.0	1.2	EQ	Átány
1165.	2020.11.09	09:16:00.3	46.0568	22.8303	0.0	1.9	EX	Romania
1166.	2020.11.09	10:05:03.2	48.9721	19.8259	0.0	1.5	EX	Slovakia
1167.	2020.11.09	10:51:46.2	46.0215	22.8361	0.0	1.6	EX	Romania
1168.	2020.11.09	11:01:23.4	48.1371	16.9845	0.0	-	EX	Austria
1169.	2020.11.09	11:06:46.3	48.5566	20.7940	0.0	1.2	EX	Tornanádaska
1170.	2020.11.09	12:19:25.8	47.8650	20.1529	0.0	1.0	GT	Kisnána
1171.	2020.11.10	08:32:58.8	48.3702	17.3457	0.0	-	EX	Slovakia
1172.	2020.11.10	09:38:29.7	48.7068	19.7033	0.0	-	EX	Slovakia
1173.	2020.11.10	09:44:44.1	47.8355	19.1270	0.0	1.6	GT	Sejce-Vác
1174.	2020.11.10	10:09:07.0	48.5646	20.7885	0.0	1.5	EX	Tornanádaska
1175.	2020.11.10	11:44:31.6	46.8548	17.2699	0.0	-	GT	Várvölgy
1176.	2020.11.10	12:02:07.2	45.9355	22.6835	0.0	1.9	EX	Romania
1177.	2020.11.10	19:33:18.1	47.3788	18.2671	3.2	0.5	EQ	Csókakő
1178.	2020.11.10	20:17:54.8	47.3789	18.2706	4.4	0.7	EQ	Csókakő
1179.	2020.11.10	21:36:15.5	47.3802	18.2563	3.0	0.4	EQ	Csókakő
1180.	2020.11.11	09:28:29.6	48.5467	17.3886	0.0	-	EX	Slovakia
1181.	2020.11.11	10:33:04.5	48.4602	21.3775	0.0	1.3	EX	Telkibánya
1182.	2020.11.11	10:43:23.7	48.5656	20.8255	0.0	1.1	EX	Slovakia
1183.	2020.11.11	11:21:10.3	48.9589	21.2304	0.0	1.7	EX	Slovakia
1184.	2020.11.12	08:24:16.1	47.5600	18.4573	0.0	1.2	GT	Tatabánya
1185.	2020.11.12	08:42:22.2	46.1204	18.0243	0.0	1.3	GT	Bükkösd
1186.	2020.11.12	09:57:16.2	46.1765	18.2926	0.0	1.3	GT	Komló
1187.	2020.11.12	10:03:08.7	48.5366	19.3266	0.0	1.7	EX	Slovakia
1188.	2020.11.12	10:06:26.7	48.2470	21.2460	0.0	1.7	GT	Tállya
1189.	2020.11.12	10:14:45.9	48.7612	21.3424	0.0	1.5	EX	Slovakia
1190.	2020.11.12	10:49:30.8	48.5554	20.7885	0.0	-	EX	Tornanádaska
1191.	2020.11.12	11:04:00.7	47.5600	18.4573	0.0	1.4	GT	Tatabánya
1192.	2020.11.12	11:22:56.6	48.4477	19.5694	0.0	1.4	EX	Slovakia
1193.	2020.11.12	11:26:01.3	47.4558	18.7148	0.0	-	EX	Etyek
1194.	2020.11.12	12:21:34.9	47.8999	16.0359	0.0	1.6	EX	Austria
1195.	2020.11.12	13:37:28.8	48.6906	21.1135	0.0	1.5	EX	Slovakia
1196.	2020.11.12	14:14:07.9	45.5600	17.8351	0.0	-	EX	Croatia
1197.	2020.11.13	08:42:01.5	46.1204	18.0243	0.0	1.3	GT	Bükkösd
1198.	2020.11.13	09:42:08.5	46.1765	18.2926	0.0	1.4	GT	Komló
1199.	2020.11.13	10:50:47.3	48.8654	21.0506	0.0	1.7	EX	Slovakia
1200.	2020.11.13	11:00:06.7	48.1173	16.9849	0.0	1.9	EX	Austria
1201.	2020.11.14	00:16:31.6	48.9672	21.4364	21.4	-	EQ	Slovakia
1202.	2020.11.15	22:35:11.9	46.9242	21.2181	5.9	2.4	EQ	Vésztő

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1203.	2020.11.15	22:38:14.5	46.9377	21.0519	12.8	1.3	EQ	Körösladány
1204.	2020.11.16	08:49:07.6	48.0629	20.6798	0.0	1.5	EX	Bükkszentkereszt
1205.	2020.11.16	08:58:26.7	47.3745	18.3519	0.0	-	EX	Gánt
1206.	2020.11.16	09:08:45.8	47.2610	18.3566	0.0	1.7	EX	Sárkeresztes
1207.	2020.11.16	09:26:45.0	48.3669	19.0622	0.0	1.7	EX	Slovakia
1208.	2020.11.16	09:40:52.2	47.8355	19.1270	0.0	1.6	GT	Sejce-Vác
1209.	2020.11.16	11:59:37.1	47.9034	18.9735	0.0	-	EX	Kóspallag
1210.	2020.11.16	18:31:11.6	46.9248	21.2003	10.8	2.0	EQ	Vésztő
1211.	2020.11.17	08:40:52.5	47.9420	20.4317	0.0	1.1	EX	Noszvaj
1212.	2020.11.17	10:54:23.7	46.8536	17.2848	0.0	1.8	EX	Várvölgy
1213.	2020.11.17	11:00:09.8	48.1815	16.9552	0.0	-	EX	Austria
1214.	2020.11.17	13:02:56.7	47.8926	16.0249	0.0	-	EX	Austria
1215.	2020.11.18	07:21:57.4	47.3300	17.6350	0.0	-	GT	Ugod
1216.	2020.11.18	10:31:48.0	48.5382	17.4512	0.0	-	EX	Slovakia
1217.	2020.11.18	10:33:26.1	48.4458	19.5673	0.0	-	EX	Slovakia
1218.	2020.11.18	11:00:39.7	46.8548	17.2699	0.0	2.7	GT	Várvölgy
1219.	2020.11.18	11:17:53.8	48.6276	20.8470	0.0	1.7	EX	Slovakia
1220.	2020.11.18	12:10:49.1	47.8650	20.1529	0.0	1.4	GT	Kisnána
1221.	2020.11.19	07:58:01.2	47.0910	18.0220	0.0	1.9	GT	Litér
1222.	2020.11.19	09:22:36.8	48.2470	21.2460	0.0	1.9	GT	Tállya
1223.	2020.11.19	10:24:23.2	48.5755	20.8210	0.0	-	EX	Slovakia
1224.	2020.11.19	11:06:41.1	45.5234	17.9784	0.0	2.1	EX	Croatia
1225.	2020.11.19	11:38:16.9	47.6101	16.3852	0.0	1.7	EX	Austria
1226.	2020.11.19	14:51:35.1	48.2257	22.0738	16.7	2.1	EQ	Kisvárd
1227.	2020.11.20	09:06:05.4	48.5368	20.7441	0.0	1.5	EX	Bódvaszilas
1228.	2020.11.20	09:54:17.5	47.8355	19.1270	0.0	1.8	GT	Sejce-Vác
1229.	2020.11.20	09:58:15.6	48.4623	17.4111	0.0	1.6	EX	Slovakia
1230.	2020.11.20	11:05:18.3	48.2413	21.4459	0.0	1.8	EX	Olaszliszka
1231.	2020.11.20	21:02:11.9	45.6297	21.2488	12.0	2.0	EQ	Romania
1232.	2020.11.21	12:57:42.7	48.5454	22.7726	5.0	-	EQ	Ukraine
1233.	2020.11.21	18:26:41.5	47.7908	16.1748	9.0	-	EQ	Austria
1234.	2020.11.21	21:31:03.8	47.4283	18.2327	5.0	0.4	EQ	Pusztavám
1235.	2020.11.23	07:56:56.7	48.3707	18.6725	0.0	2.0	EX	Slovakia
1236.	2020.11.23	09:02:20.3	47.5444	18.4321	0.0	1.6	EX	Tatabánya
1237.	2020.11.23	09:20:26.6	48.0868	16.0435	0.0	-	EX	Austria
1238.	2020.11.23	09:25:17.4	48.5111	17.4765	0.0	-	EX	Slovakia
1239.	2020.11.23	10:04:21.1	47.5395	18.7134	0.0	-	EX	Zsámbék
1240.	2020.11.23	11:49:20.0	48.3297	19.8674	0.0	1.7	EX	Slovakia
1241.	2020.11.24	08:49:39.9	47.3638	18.3534	0.0	-	EX	Csákberény
1242.	2020.11.24	09:12:22.0	48.5918	20.9453	0.0	-	EX	Slovakia
1243.	2020.11.24	09:30:38.0	48.5058	17.4952	0.0	1.5	EX	Slovakia
1244.	2020.11.24	09:43:49.3	46.1765	18.2926	0.0	1.3	GT	Komló
1245.	2020.11.24	09:50:51.5	45.7332	22.8293	0.0	1.6	EX	Romania
1246.	2020.11.24	09:56:59.6	48.8116	20.3921	0.0	1.7	EX	Slovakia
1247.	2020.11.24	10:03:16.3	48.8408	20.4856	0.0	1.6	EX	Slovakia
1248.	2020.11.24	10:41:08.0	48.4430	19.5605	0.0	-	EX	Slovakia
1249.	2020.11.24	10:54:56.0	48.5976	20.6454	23.3	0.9	EQ	Slovakia
1250.	2020.11.25	09:14:14.3	48.5715	20.7546	0.0	1.5	EX	Slovakia
1251.	2020.11.25	09:29:04.3	46.1204	18.0243	0.0	1.1	GT	Bükkösd
1252.	2020.11.25	10:20:34.8	47.1076	18.0140	0.0	-	EX	Litér
1253.	2020.11.25	10:30:51.5	47.8355	19.1270	0.0	1.8	GT	Sejce-Vác

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1254.	2020.11.25	13:10:49.0	47.9306	16.0610	0.0	1.5	EX	Austria
1255.	2020.11.26	08:09:01.7	46.0442	22.8813	0.0	1.6	EX	Romania
1256.	2020.11.26	09:40:02.8	46.0009	22.8274	0.0	1.5	EX	Romania
1257.	2020.11.26	09:46:08.8	46.1765	18.2926	0.0	1.4	GT	Komló
1258.	2020.11.26	10:32:31.3	48.2470	21.2460	0.0	1.9	GT	Tálya
1259.	2020.11.26	10:43:49.0	48.3983	20.6562	0.0	1.3	EX	Alsótelekes
1260.	2020.11.26	11:00:43.1	48.0517	16.9663	0.0	-	EX	Austria
1261.	2020.11.27	07:17:28.5	48.6845	19.2247	0.0	1.5	EX	Slovakia
1262.	2020.11.27	07:54:16.2	48.0348	20.6869	0.0	1.3	EX	Kisgyőr
1263.	2020.11.27	08:11:58.9	46.9800	22.2840	0.0	2.0	EX	Romania
1264.	2020.11.27	09:35:42.6	47.6740	18.5379	0.0	1.8	EX	Héreg
1265.	2020.11.27	11:51:31.9	48.3341	19.8555	0.0	1.6	EX	Slovakia
1266.	2020.11.27	11:58:20.1	48.8260	20.7542	0.0	1.4	EX	Slovakia
1267.	2020.11.27	15:20:29.1	47.5638	16.4102	0.0	1.5	EX	Austria
1268.	2020.11.30	08:42:31.8	47.8642	18.7480	12.3	1.8	EQ	Slovakia
1269.	2020.11.30	09:07:06.0	46.1204	18.0243	0.0	1.3	GT	Bükkösd
1270.	2020.11.30	12:29:32.7	46.1332	16.3670	2.0	1.9	EQ	Croatia
1271.	2020.11.30	13:57:55.0	48.5288	20.3357	0.0	1.4	EX	Slovakia
1272.	2020.11.30	19:18:37.4	47.6965	18.3935	10.5	1.9	EQ	Dunaszentmiklós
1273.	2020.12.01	07:47:13.4	47.8908	20.0573	0.0	-	EX	Parád
1274.	2020.12.01	10:09:06.1	48.5112	20.7189	0.0	1.3	EX	Bódvarákó
1275.	2020.12.01	10:29:38.5	48.2606	19.9046	0.0	-	EX	Slovakia
1276.	2020.12.01	14:09:42.4	47.5665	16.3844	0.0	1.5	EX	Austria
1277.	2020.12.02	03:42:50.0	47.3788	18.2311	8.7	1.2	EQ	Mór
1278.	2020.12.02	04:43:33.9	48.1148	19.0739	10.0	-	EQ	Slovakia
1279.	2020.12.02	08:36:25.0	47.7823	19.0819	0.0	1.9	EX	Tahitótfalu
1280.	2020.12.02	09:14:21.9	46.1204	18.0243	0.0	1.5	GT	Bükkösd
1281.	2020.12.02	09:26:16.8	48.5574	20.7946	0.0	1.5	EX	Tornanádaska
1282.	2020.12.02	10:59:32.9	48.6924	19.9742	0.0	1.6	EX	Slovakia
1283.	2020.12.02	11:49:40.6	46.8548	17.2699	0.0	2.0	GT	Várvölgy
1284.	2020.12.02	13:15:33.3	47.6497	20.3250	10.8	1.5	EQ	Tenk
1285.	2020.12.03	01:51:00.4	47.9397	20.2211	2.0	0.9	EQ	Sirok
1286.	2020.12.03	09:18:07.7	47.1143	18.0418	0.0	2.0	EX	Királyszentistván
1287.	2020.12.03	09:31:41.1	48.7370	20.0651	0.0	1.5	EX	Slovakia
1288.	2020.12.03	09:42:24.5	47.8355	19.1270	0.0	1.9	GT	Sejce-Vác
1289.	2020.12.03	09:45:10.1	48.5279	20.7941	0.0	-	EX	Tornaszentandrás
1290.	2020.12.03	10:10:15.1	48.4513	19.5605	0.0	1.8	EX	Slovakia
1291.	2020.12.03	10:49:25.4	48.7766	21.2359	0.0	1.8	EX	Slovakia
1292.	2020.12.04	08:21:52.2	48.4414	21.4146	0.0	-	EX	Kishuta
1293.	2020.12.04	10:14:34.6	47.8650	20.1529	0.0	1.6	GT	Kisnána
1294.	2020.12.04	10:20:40.7	47.9490	20.3935	0.0	-	EX	Felsőtárkány
1295.	2020.12.04	11:01:40.2	48.1140	19.0430	0.0	1.5	EX	Slovakia
1296.	2020.12.04	12:43:29.6	48.3859	17.2650	0.0	-	EX	Slovakia
1297.	2020.12.04	12:46:49.1	48.9092	21.5625	13.8	2.1	EQ	Slovakia
1298.	2020.12.06	14:02:18.3	47.3487	18.1932	3.0	0.9	EQ	Mór
1299.	2020.12.07	07:50:35.1	45.9046	18.4085	0.0	-	EX	Ivánbattyán
1300.	2020.12.07	09:21:34.3	47.5600	18.4573	0.0	1.7	GT	Tatabánya
1301.	2020.12.07	09:53:09.8	48.5417	20.7749	0.0	1.2	EX	Komjáti
1302.	2020.12.07	13:21:21.8	48.2325	19.8681	0.0	1.7	EX	Slovakia
1303.	2020.12.08	04:25:10.6	45.8343	17.9502	5.0	1.2	EQ	Lúzsok
1304.	2020.12.08	08:02:05.7	48.6788	21.5223	0.0	-	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1305.	2020.12.08	09:11:32.7	48.5546	18.7370	0.0	-	EX	Slovakia
1306.	2020.12.08	09:39:37.1	48.2470	21.2460	0.0	1.9	GT	Tálya
1307.	2020.12.08	10:52:28.8	46.8428	17.3378	0.0	1.8	EX	Lesencefalu
1308.	2020.12.09	09:50:27.0	48.5767	20.8338	0.0	-	EX	Slovakia
1309.	2020.12.10	12:36:53.1	48.8079	21.2131	0.0	-	EX	Slovakia
1310.	2020.12.11	10:22:41.6	47.9902	20.3895	0.0	1.0	EX	Felsőtárkány
1311.	2020.12.11	10:54:19.9	48.4298	19.5412	0.0	1.5	EX	Slovakia
1312.	2020.12.11	11:09:08.2	47.4407	18.7234	0.0	-	EX	Etyek
1313.	2020.12.11	11:34:23.7	47.8650	20.1529	0.0	1.6	GT	Kisnána
1314.	2020.12.13	11:03:59.0	48.0016	19.9991	8.0	2.3	EQ	Mátraballa
1315.	2020.12.13	12:08:59.5	48.0056	20.0198	4.4	1.9	EQ	Mátraballa
1316.	2020.12.13	19:37:50.0	46.9426	21.2022	5.1	2.5	EQ	Vészto
1317.	2020.12.14	01:57:34.0	47.6391	16.0251	7.0	1.5	EQ	Austria
1318.	2020.12.14	07:45:51.9	47.1261	18.0412	0.0	-	EX	Sóly
1319.	2020.12.14	10:06:47.4	47.8665	19.1333	0.0	1.7	EX	Nótincs
1320.	2020.12.14	13:01:03.4	48.2184	19.8954	0.0	1.4	EX	Slovakia
1321.	2020.12.15	02:34:34.2	46.0547	17.1060	11.1	2.1	EQ	Croatia
1322.	2020.12.15	03:13:06.4	46.0039	17.0307	3.0	1.6	EQ	Croatia
1323.	2020.12.15	08:48:47.3	46.1223	18.0516	0.0	-	EX	Hetvehely
1324.	2020.12.15	08:54:53.6	48.5808	20.8383	0.0	-	EX	Slovakia
1325.	2020.12.15	09:16:37.6	47.4424	18.7231	0.0	-	EX	Etyek
1326.	2020.12.15	10:22:23.7	48.4029	20.6737	0.0	-	EX	Alsótelekes
1327.	2020.12.15	11:00:05.6	48.1341	18.9902	0.0	1.7	EX	Slovakia
1328.	2020.12.15	12:07:32.8	47.5213	18.7122	0.0	-	EX	Zsámbék
1329.	2020.12.16	00:15:37.4	45.6948	18.0208	5.0	2.2	EQ	Croatia
1330.	2020.12.16	05:01:21.5	45.6926	21.7405	5.0	2.3	EQ	Romania
1331.	2020.12.16	07:49:09.2	47.9655	20.3801	0.0	1.1	EX	Felsőtárkány
1332.	2020.12.16	09:39:15.8	45.7305	21.6476	5.0	2.6	EQ	Romania
1333.	2020.12.16	11:14:24.1	47.8650	20.1529	0.0	-	GT	Kisnána
1334.	2020.12.17	08:50:28.5	48.5668	20.7672	0.0	1.3	EX	Slovakia
1335.	2020.12.17	09:26:38.1	48.9972	19.3662	0.0	2.0	EX	Slovakia
1336.	2020.12.17	11:31:21.3	47.9453	20.0578	6.8	1.9	EX	Mátraderecske
1337.	2020.12.17	14:45:54.2	48.5382	20.8163	0.0	1.3	EX	Bódvalenke
1338.	2020.12.18	09:07:25.4	48.7463	20.8125	0.0	1.6	EX	Slovakia
1339.	2020.12.18	10:45:17.7	47.5600	18.4573	0.0	1.6	GT	Tatabánya
1340.	2020.12.19	15:16:36.6	45.7303	18.0275	5.0	1.9	EQ	Croatia
1341.	2020.12.20	17:43:35.6	45.7387	18.0258	15.0	1.3	EQ	Croatia
1342.	2020.12.21	10:07:22.5	48.5152	20.7752	0.0	1.3	EX	Tornaszentandrás
1343.	2020.12.21	12:05:28.0	48.5812	20.1778	0.0	-	EX	Slovakia
1344.	2020.12.22	09:49:33.0	48.5364	20.7870	0.0	1.4	EX	Bódvalenke
1345.	2020.12.23	10:25:52.7	47.8339	16.2633	12.9	1.6	EQ	Austria
1346.	2020.12.23	10:47:08.5	47.8816	16.0707	0.0	1.8	EX	Austria
1347.	2020.12.23	13:24:03.7	48.8081	22.0850	5.0	-	EQ	Slovakia
1348.	2020.12.24	09:57:44.4	47.3999	18.1916	3.6	2.2	EQ	Mór
1349.	2020.12.24	15:34:00.7	48.7302	17.8815	1.0	1.9	EQ	Slovakia
1350.	2020.12.24	16:21:17.6	48.0047	20.9453	5.0	-	EQ	Sajóhídvég
1351.	2020.12.25	05:22:46.1	47.2137	17.5813	2.8	1.3	EQ	Bakonyjákó
1352.	2020.12.25	05:42:33.9	47.2619	17.5254	6.3	2.0	EQ	Pápakovácsi
1353.	2020.12.26	00:59:20.7	45.7276	18.0204	15.0	1.3	EQ	Croatia
1354.	2020.12.26	16:47:01.1	47.3795	18.2355	5.0	0.7	EQ	Mór
1355.	2020.12.28	10:43:29.4	45.6891	18.0258	3.0	2.1	EQ	Croatia

CHAPTER 2. LOCAL EVENTS

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1356.	2020.12.29	15:16:33.1	45.5267	16.3123	10.0	3.1	EQ	Croatia
1357.	2020.12.29	18:21:08.8	45.5030	16.2041	15.6	3.7	EQ	Croatia
1358.	2020.12.31	02:11:21.9	47.3731	18.4369	2.1	1.7	EQ	Csákvár
1359.	2020.12.31	02:30:46.4	47.3579	18.3849	1.0	0.4	EQ	Gánt
1360.	2020.12.31	03:31:29.1	47.3709	18.4505	7.0	0.9	EQ	Csákvár
1361.	2020.12.31	03:33:47.7	47.3183	18.5157	3.0	1.0	EQ	Lovasberény
1362.	2020.12.31	06:04:32.8	47.3679	18.4333	3.0	1.2	EQ	Csákvár

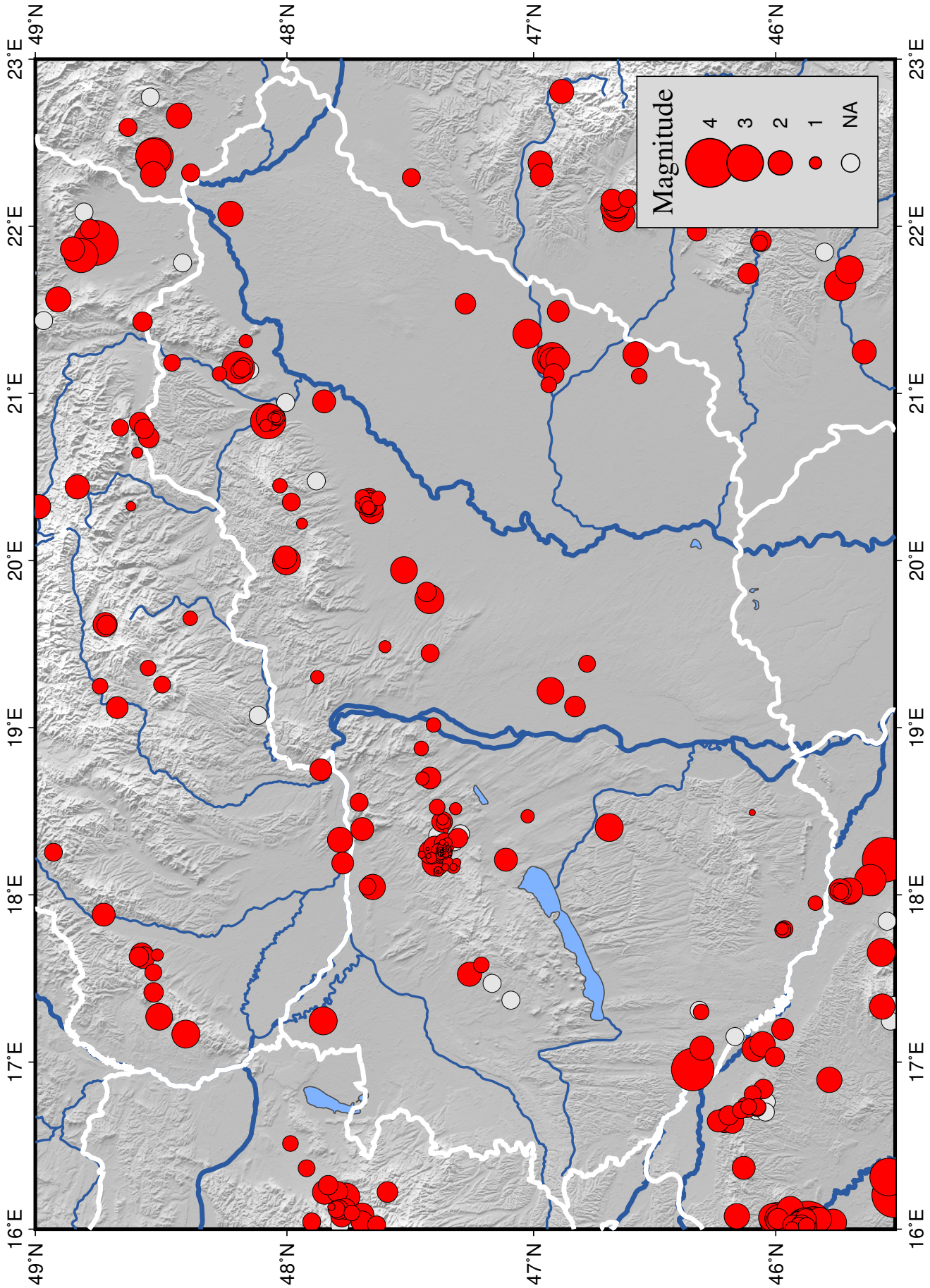


Figure 2.1: The epicenters of the located earthquakes in 2020. The earthquakes with unknown magnitudes are marked by gray circles.

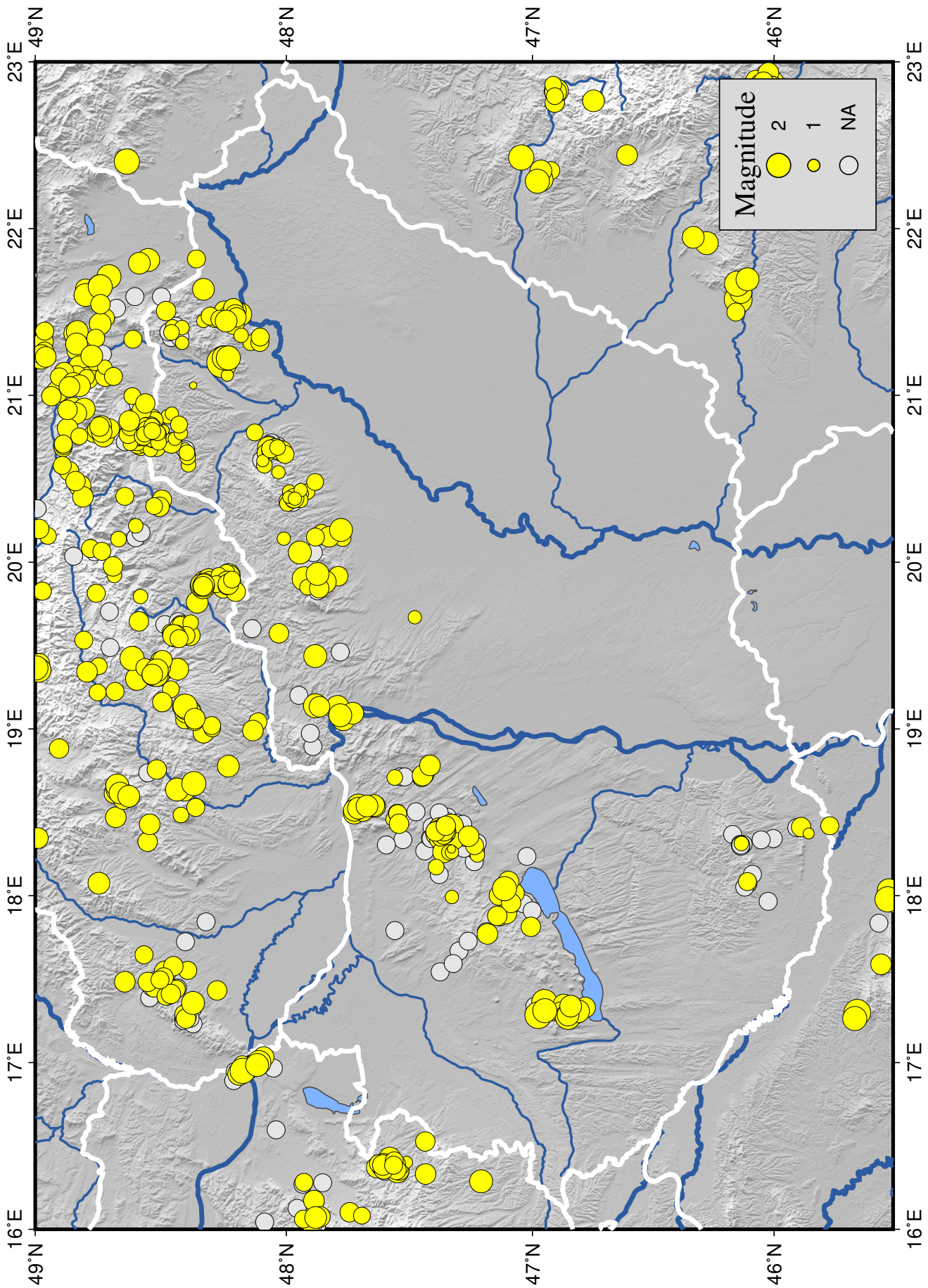


Figure 2.2: The epicenters of the located explosions in 2020. The explosions with unknown magnitudes are marked by gray circles.

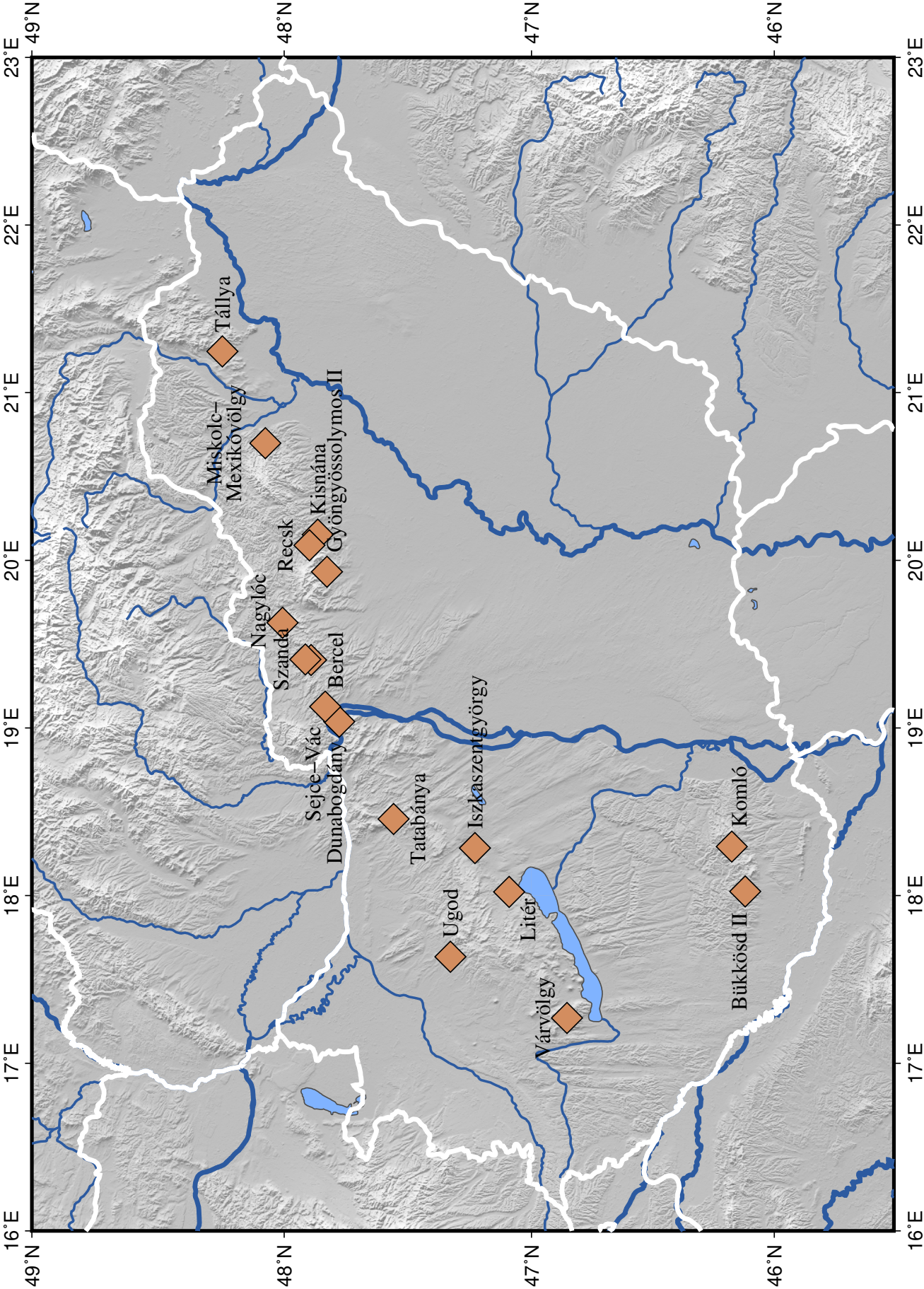


Figure 2.3: The location of the quarries with identified explosions (ground truth events).

3. Macroseismic data

During the year 2020, 16 earthquakes have been felt by the public in Hungary (Table 3.1). 10 of them occurred in Hungary, the other 5 in Croatia. In March in the vicinity of Zagreb and in December near Petrinja, significant earthquakes occurred and followed by numerous aftershocks. Most of these events in Croatia are outside of the area of this bulletin (latitudes 45.5-49.0°N and longitudes 16.0-23.0°E), hence the hypocentral and phase data are not shown in Chapter 2 and Chapter 4. On the other hand, some of these earthquakes were felt by the public in Hungary. 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)
2020.01.05	01:13:23.0	46.3451	16.9556	8.4	3.5	V
2020.03.22	05:24:03.3	45.8234	15.9888	14.4	5.8	V
2020.06.01	17:24:31.2	47.8541	17.2463	9.5	2.3	III-IV
2020.06.03	15:51:00.6	46.3176	17.3092	8.3	3.4	V
2020.08.15	16:43:43.7	46.6894	18.4030	8.3	2.3	III-IV
2020.10.10	03:55:45.0	48.0696	20.8560	3.5	2.2	IV-V
2020.10.10	12:37:37.7	47.4247	19.7698	9.9	2.4	IV
2020.10.19	09:50:05.1	48.0750	20.8334	5.8	2.9	V
2020.12.13	11:03:59.0	48.0016	19.9991	8.0	2.3	IV
2020.12.25	05:22:46.1	47.2137	17.5813	2.8	1.3	III
2020.12.25	05:42:33.9	47.2619	17.5254	6.3	2.0	IV
2020.12.28	05:28:07.7	45.4103	16.2621	8.9	5.5	IV
2020.12.28	06:49:56.1	45.3828	16.1581	9.4	4.8	IV
2020.12.29	11:19:54.9	45.3548	16.2875	12.4	6.7	V-VI
2020.12.30	05:15:04.5	45.4337	16.2109	3.4	5.2	III-IV
2020.12.30	05:26:40.2	45.3990	16.1515	7.0	5.0	IV

Table 3.1: Parameters of the earthquakes felt in Hungary by the public

2020.01.05 01:13 – Belezna

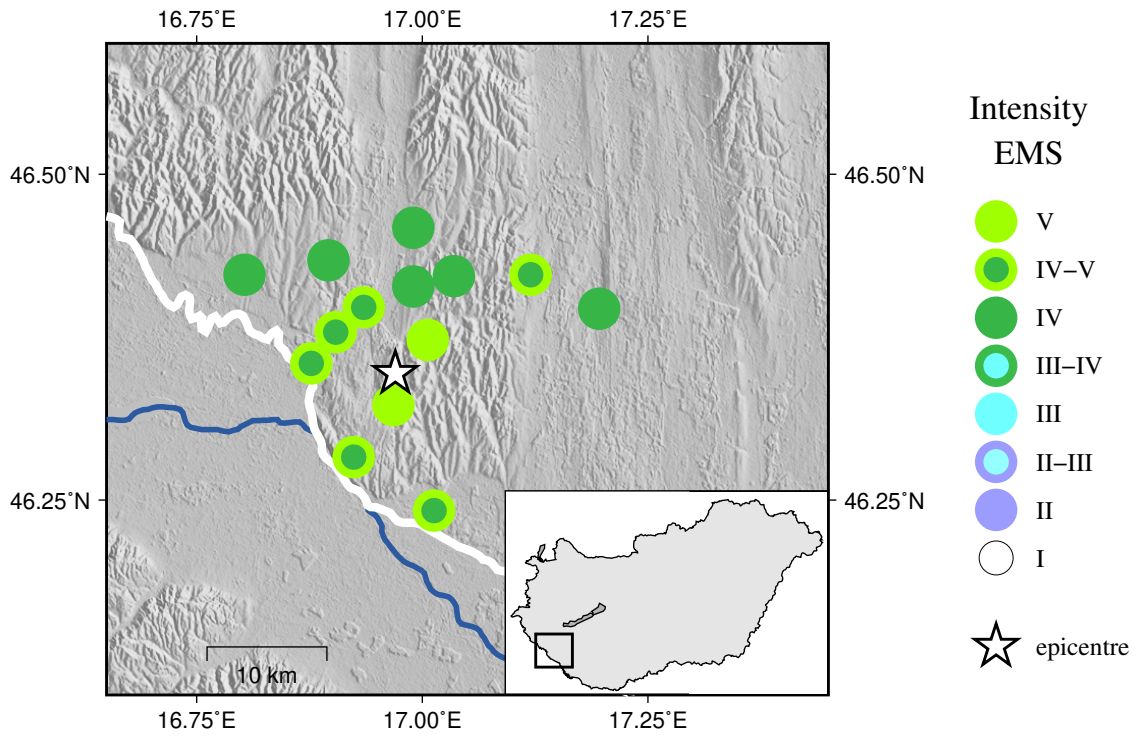


Figure 3.1:

EMS intensity distribution for the earthquake of 2020.01.05 01:13 UTC

Table 3.2: Felt EMS intensities for the earthquake of 2020.01.05 01:13 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Bagola	46.422	17.035	IV	1
Bajcsa	46.398	16.935	IV-V	3
Fityeház	46.379	16.904	IV-V	1
Gyékényes	46.242	17.013	IV-V	1
Inke	46.397	17.196	IV	1
Liszó	46.373	17.006	V	2
Miklósfa	46.414	16.990	IV	3
Murakeresztúr	46.355	16.877	IV-V	1
Nagykanizsa	46.459	16.990	IV	5
Órtilos	46.283	16.924	IV-V	2
Sand	46.423	17.120	IV-V	1
Surd	46.323	16.968	V	3
Szepetnek	46.434	16.896	IV	1
Tótszentmárton	46.423	16.803	IV	1

2020.03.22 05:24 – Horvátország

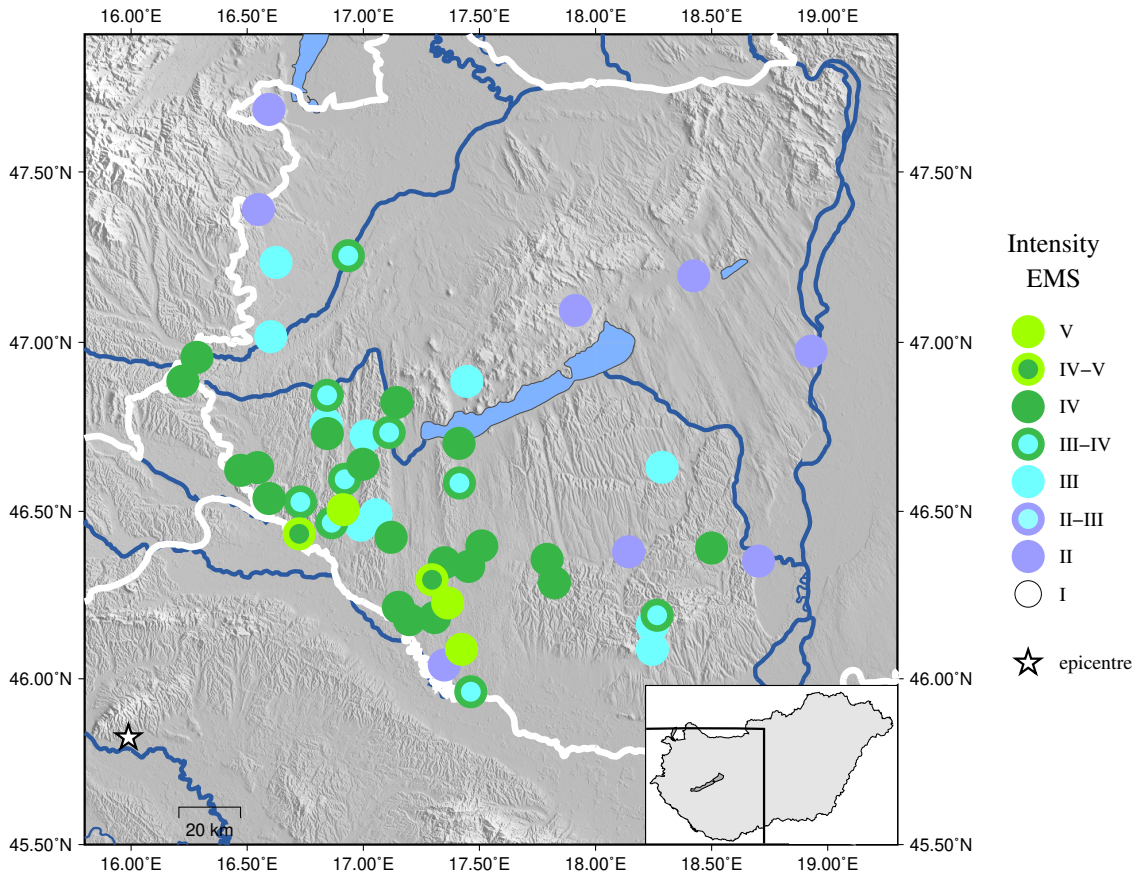


Figure 3.2:

EMS intensity distribution for the earthquake of 2020.03.22 05:24 UTC

Table 3.3: Felt EMS intensities for the earthquake of 2020.03.22 05:24 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Babócsa	46.041	17.349	II	2
Bak	46.731	16.845	IV	1
Balatonmáriaifürdő	46.702	17.412	IV	1
Barcs	45.961	17.463	III-IV	1
Bázakerettye	46.528	16.729	III-IV	1
Berzence	46.214	17.151	IV	2
Dombóvár	46.380	18.142	II	1
Dunaújváros	46.974	18.928	II	1
Homokkomárom	46.505	16.913	V	1
Kaposvár	46.357	17.791	IV	5
Kétvölgy	46.886	16.223	IV	1
Kilimán	46.640	16.998	IV	1
Kisdorog	46.391	18.500	IV	1
Komló	46.190	18.265	III-IV	1
Körmend	47.017	16.601	III	2
Kőszeg	47.390	16.548	II	1
Kutas	46.336	17.454	IV	1
Lenti	46.630	16.545	IV	1
Letenye	46.433	16.724	IV-V	1

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Mánfa	46.161	18.245	III	1
Marcali	46.584	17.414	III-IV	2
Nagyatád	46.227	17.363	V	3
Nagybajom	46.397	17.510	IV	1
Nagykanizsa	46.459	16.990	III	14
Nagyrécese	46.490	17.055	III	1
Nemesbük	46.823	17.144	IV	1
Pacsa	46.724	17.012	III	1
Pécs	46.088	18.245	III	16
Rédics	46.622	16.472	IV	1
Rigyác	46.466	16.864	III-IV	1
Rinyaújlak	46.088	17.423	V	1
Sand	46.423	17.120	IV	1
Sárhida	46.760	16.840	III	1
Sárvár	47.255	16.935	III-IV	1
Segesd	46.347	17.349	IV	1
Simonfa	46.287	17.823	IV	1
Somogyszob	46.296	17.296	IV-V	1
Somogyudvarhely	46.177	17.198	IV	1
Sopron	47.682	16.593	II	3
Székesfehérvár	47.196	18.423	II	2
Szekszárd	46.352	18.702	II	1
Szentgotthárd	46.956	16.283	IV	3
Szombathely	47.235	16.624	III	6
Tamási	46.631	18.287	III	1
Tapolca	46.885	17.446	III	1
Tarany	46.183	17.307	IV	1
Tormafölde	46.538	16.594	IV	1
Veszprém	47.094	17.913	II	3
Zalaapáti	46.734	17.111	III-IV	1
Zalaegerszeg	46.844	16.844	III-IV	9
Zalaszentbalázs	46.595	16.920	III-IV	1

2020.06.01 17:24 – Mosonmagyaróvár

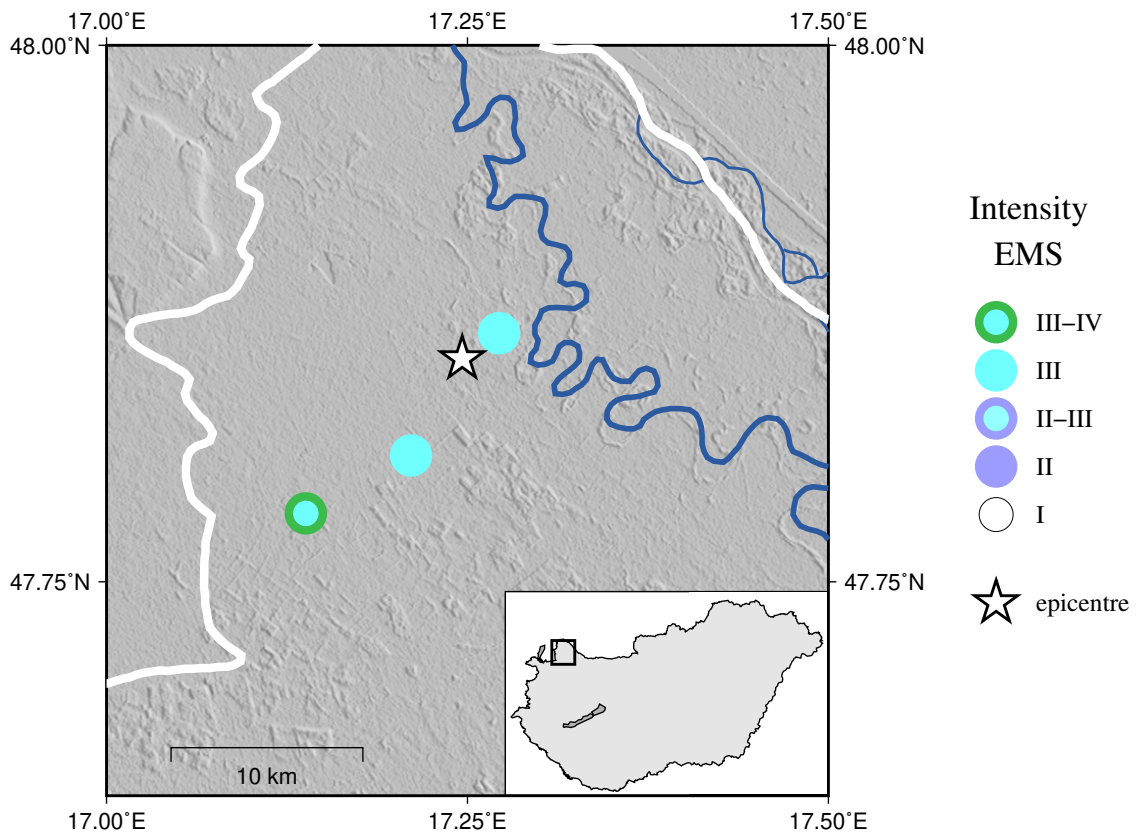


Figure 3.3:

EMS intensity distribution for the earthquake of 2020.06.01 17:24 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Jánossomorja	47.782	17.138	III-IV	2
Mosonmagyaróvár	47.866	17.272	III	2
Újrónafő	47.809	17.211	III	1

Table 3.4:

Felt EMS intensities for the earthquake of 2020.06.01 17:24 UTC

2020.06.03 15:51 – Somogyszob

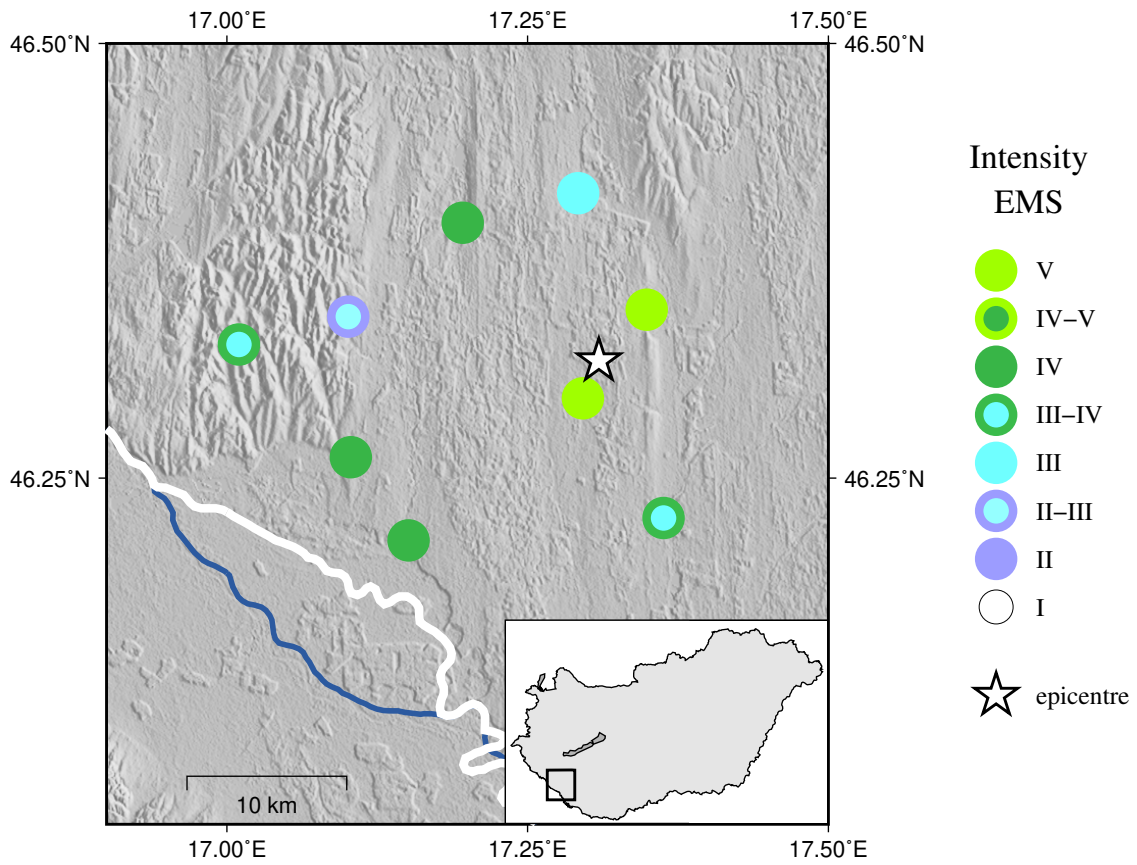


Figure 3.4:

EMS intensity distribution for the earthquake of 2020.06.03 15:51 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Berzence	46.214	17.151	IV	2
Csurgó	46.262	17.103	IV	3
Iharos	46.343	17.101	II-III	1
Inke	46.397	17.196	IV	2
Nagyatád	46.227	17.363	III-IV	1
Nemespátró	46.327	17.010	III-IV	1
Segesd	46.347	17.349	V	6
Somogyszob	46.296	17.296	V	2
Vése	46.414	17.292	III	1

Table 3.5:

Felt EMS intensities for the earthquake of 2020.06.03 15:51 UTC

2020.08.15 16:43 – Pincehely

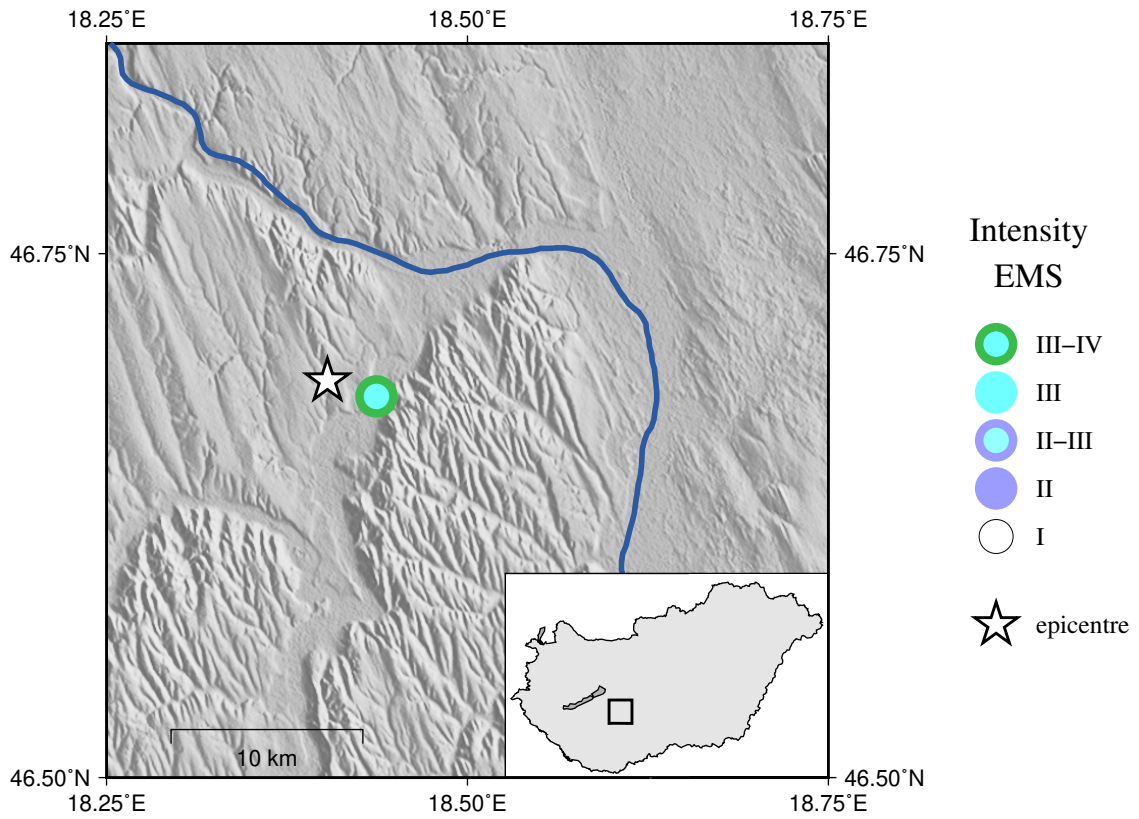


Figure 3.5:
EMS intensity distribution for the earthquake of 2020.08.15 16:43 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Pincehely	46.682	18.437	III-IV	1

Table 3.6:
Felt EMS intensities for the earthquake of 2020.08.15 16:43 UTC

2020.10.10 03:55 – Alsózsolca

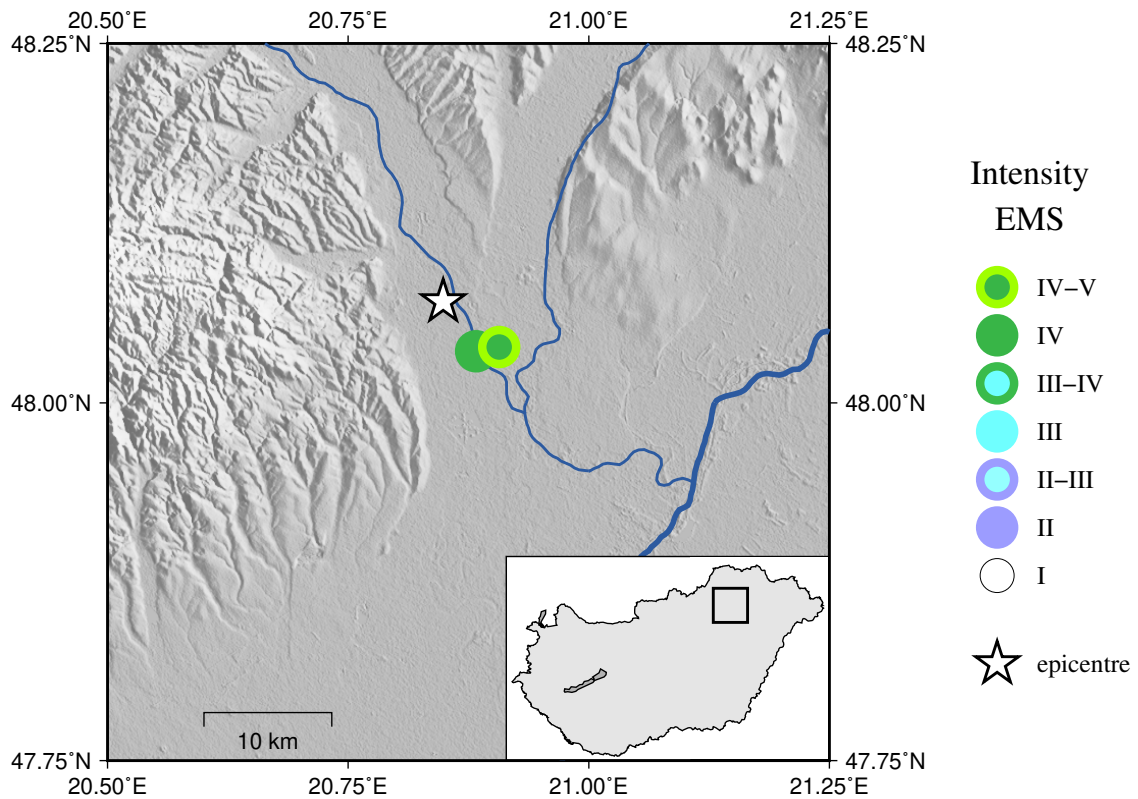


Figure 3.6:

EMS intensity distribution for the earthquake of 2020.10.10 03:55 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Sajólad	48.039	20.907	IV-V	5
Sajópetri	48.036	20.883	IV	1

Table 3.7:

Felt EMS intensities for the earthquake of 2020.10.10 03:55 UTC

2020.10.10 12:37 – Nagykáta

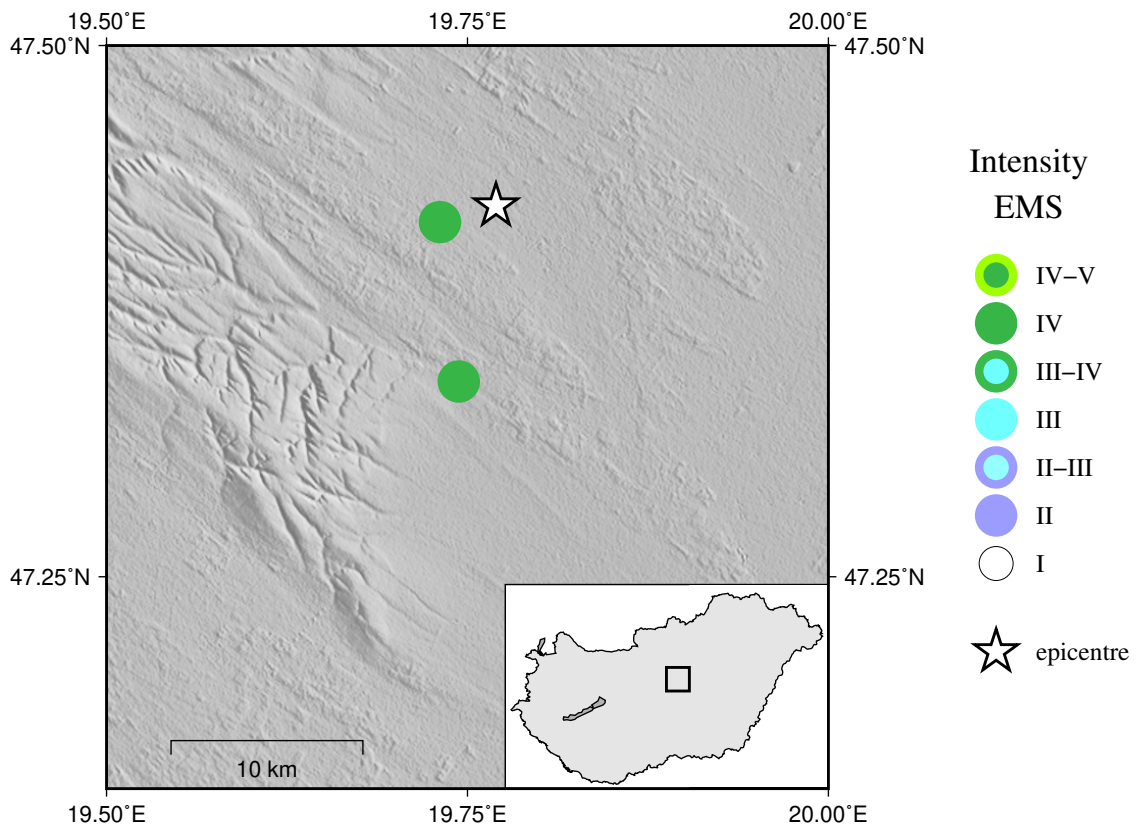


Figure 3.7:

EMS intensity distribution for the earthquake of 2020.10.10 12:37 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Jánoshida	47.387	20.056	IV	1
Nagykáta	47.417	19.731	IV	6
Tápiószentmárton	47.342	19.744	IV	1

Table 3.8:

Felt EMS intensities for the earthquake of 2020.10.10 12:37 UTC

2020.10.19 09:50 – Alsózsolca

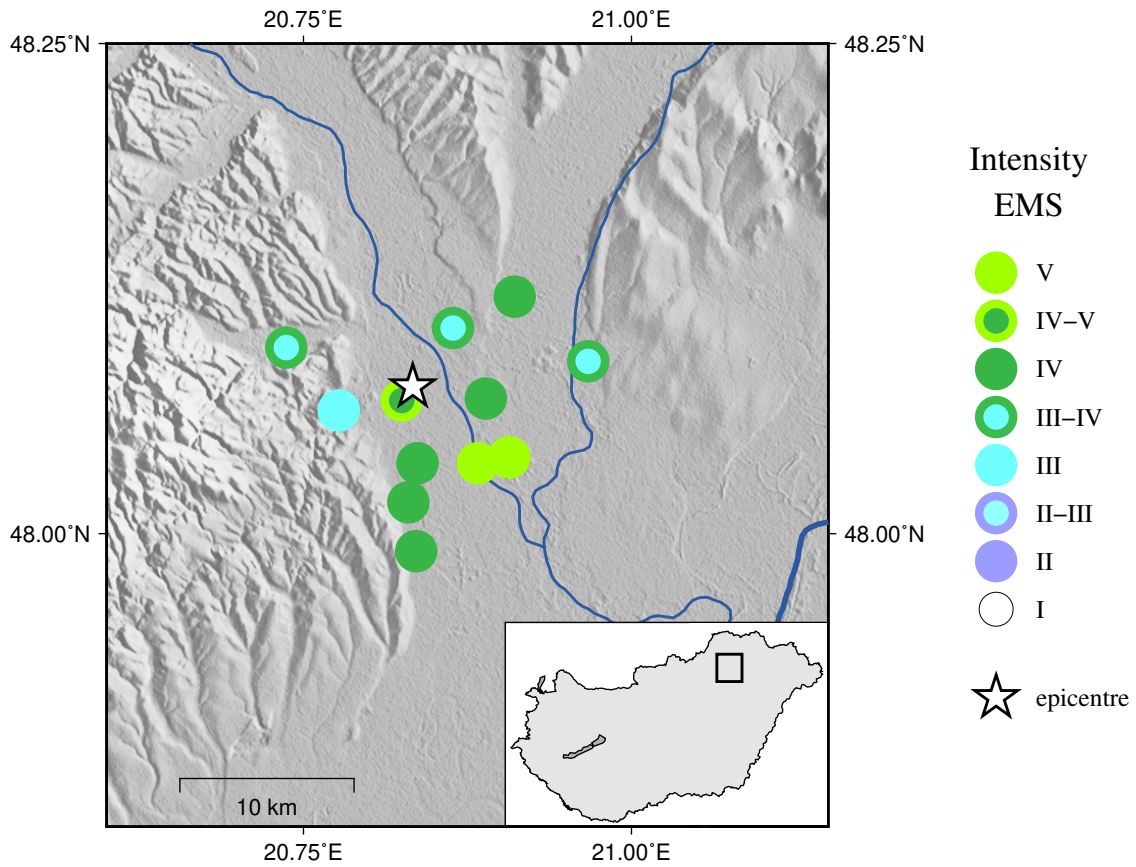


Figure 3.8:

EMS intensity distribution for the earthquake of 2020.10.19 09:50 UTC

Table 3.9: Felt EMS intensities for the earthquake of 2020.10.19 09:50 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Alsózsolca	48.069	20.889	IV	5
Felsőzsolca	48.105	20.864	III-IV	4
Hernádkak	48.088	20.967	III-IV	1
Kistokaj	48.036	20.837	IV	4
Mályi	48.016	20.830	IV	1
Miskolc	48.095	20.737	III-IV	7
Miskolctapolca	48.063	20.777	III	1
Nyékládháza	47.991	20.836	IV	2
Onga	48.121	20.911	IV	2
Sajólád	48.039	20.907	V	5
Sajópetri	48.036	20.883	V	3
Szirma	48.068	20.825	IV-V	2

2020.12.13 11:03 – Mátraballa

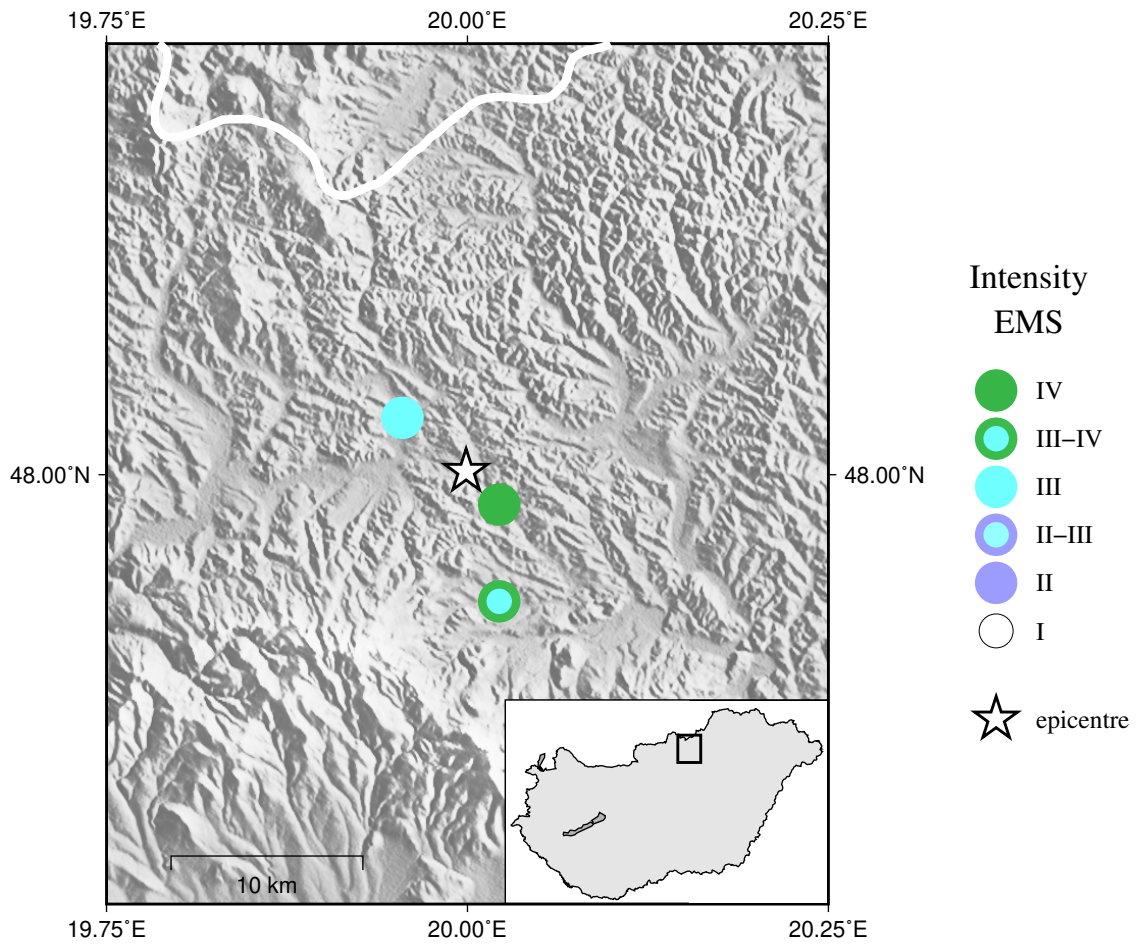


Figure 3.9:
EMS intensity distribution for the earthquake of 2020.12.13 11:03 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Mátraballa	47.986111	20.021944	IV	5
Bodony	47.941111	20.021944	III-IV	1
Mátraterenye	48.026389	19.955	III	1

Table 3.10:
Felt EMS intensities for the earthquake of 2020.12.13 11:03 UTC

2020.12.25 05:22 – Bakonyjákó

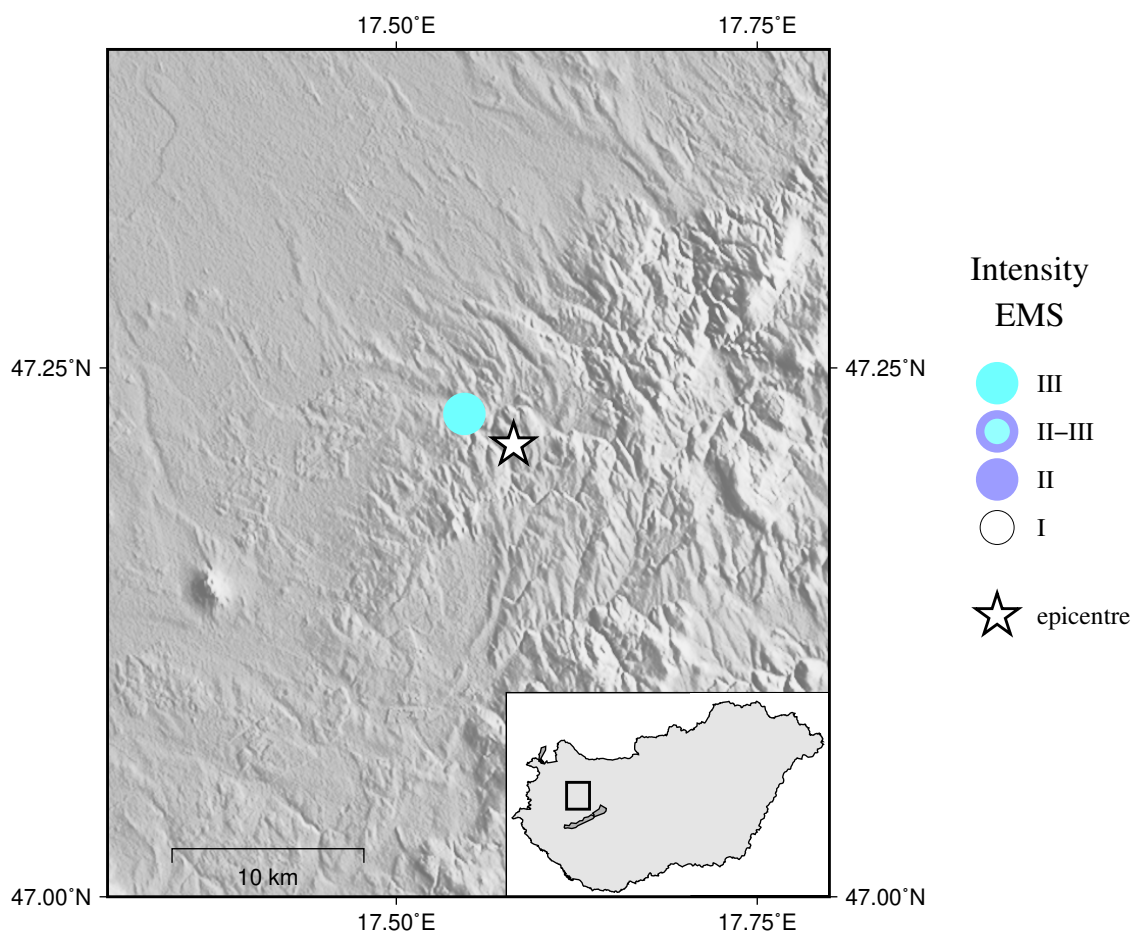


Figure 3.10:

EMS intensity distribution for the earthquake of 2020.12.25 05:22 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Döbrönte	47.228333	17.547222	III	2

Table 3.11:

Felt EMS intensities for the earthquake of 2020.12.25 05:22 UTC

2020.12.25 05:42 – Pápakovácsi

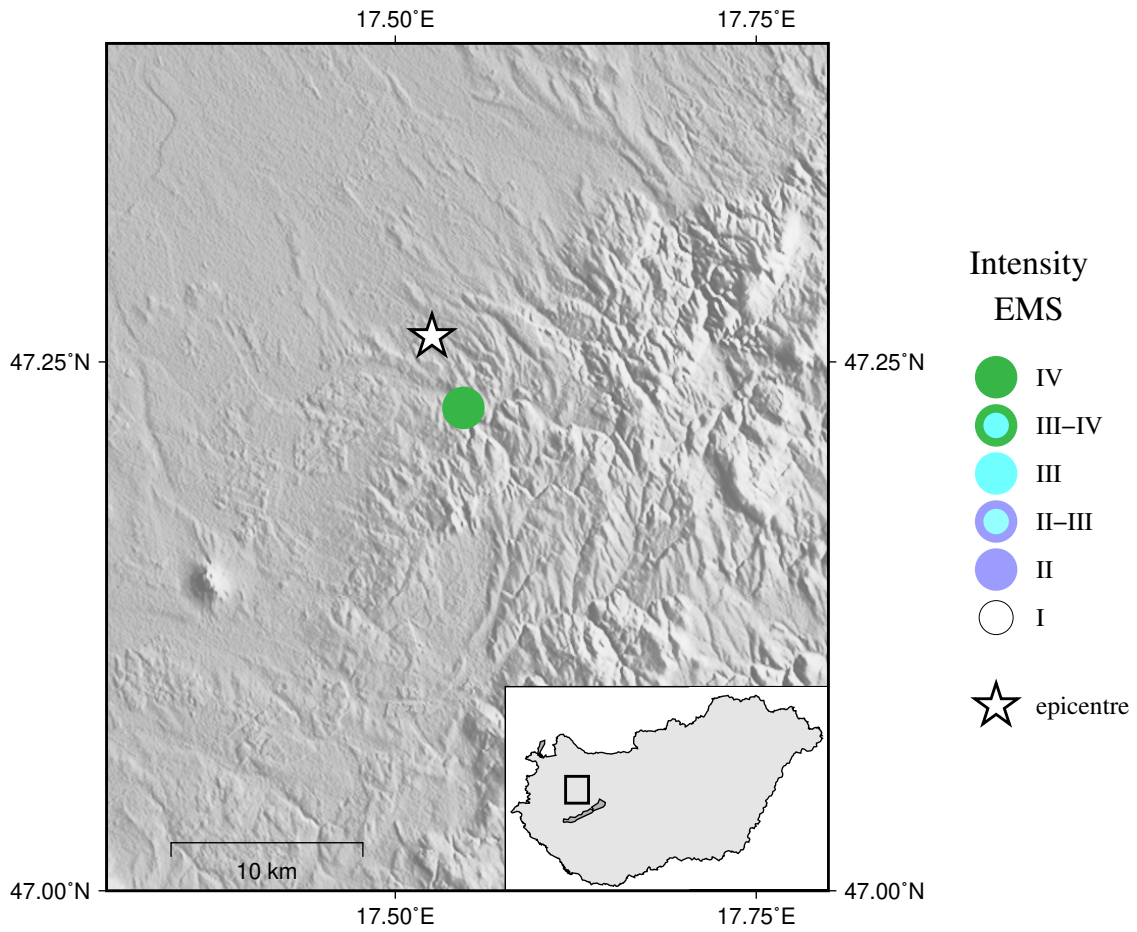


Figure 3.11:
EMS intensity distribution for the earthquake of 2020.12.25 05:42 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Döbrönte	47.228333	17.547222	IV	2

Table 3.12:
Felt EMS intensities for the earthquake of 2020.12.25 05:42 UTC

2020.12.28 05:28 – Horvátország

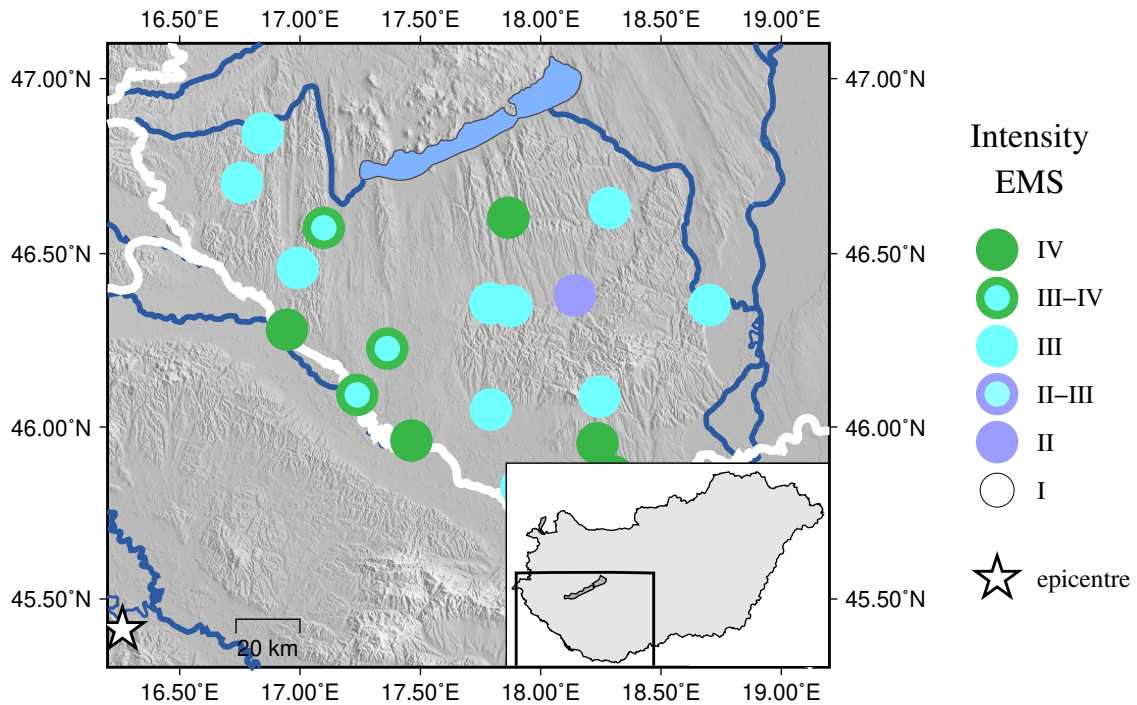


Figure 3.12:

EMS intensity distribution for the earthquake of 2020.12.28 05:28 UTC

Table 3.13: Felt EMS intensities for the earthquake of 2020.12.28 05:28 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Barcs	45.961	17.463	IV	3
Dombóvár	46.38	18.142	II	1
Kaposvár	46.357	17.791	III	1
Kemse	45.827	17.92	III	1
Kisbárapáti	46.603	17.866	IV	1
Nagyatád	46.227	17.363	III-IV	2
Nagykanizsa	46.459	16.99	III	1
Pécs	46.088	18.245	III	3
Sántos	46.35	17.878	III	1
Siklós	45.857	18.302	IV	1
Szalánta	45.953	18.236	IV	1
Szekszárd	46.352	18.702	III	2
Szigetvár	46.051	17.793	III	1
Tamási	46.631	18.287	III	1
Vízvár	46.093	17.238	III-IV	1
Zákány	46.281	16.946	IV	1
Zalaegerszeg	46.844	16.844	III	2
Zalamerenye	46.574	17.099	III-IV	1
Zalatárnok	46.703	16.758	III	1

2020.12.28 06:49 – Horvátország

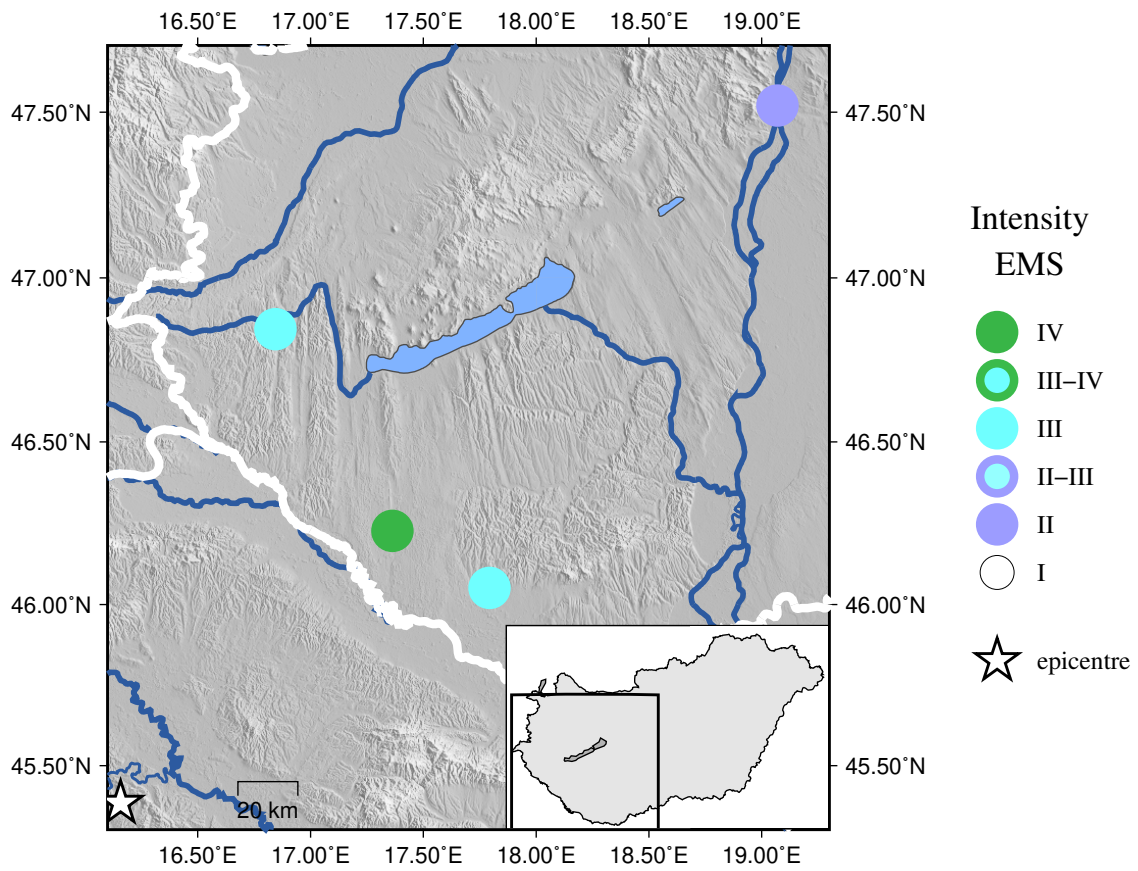


Figure 3.13:

EMS intensity distribution for the earthquake of 2020.12.28 06:49 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Budapest VI	47.52	19.07	II	1
Nagyatád	46.227	17.363	IV	2
Szigetvár	46.051	17.793	III	1
Zalaegerszeg	46.844	16.844	III	1

Table 3.14:

Felt EMS intensities for the earthquake of 2020.12.28 06:49 UTC

2020.12.29 11:19 – Horvátország

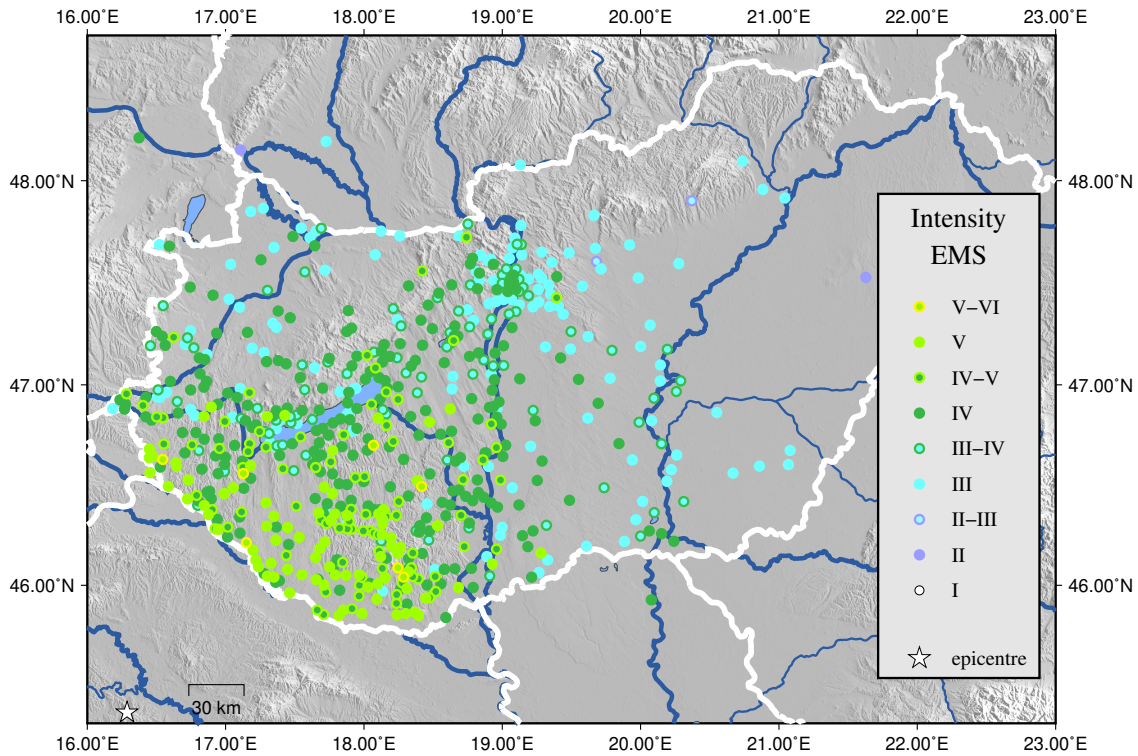


Figure 3.14:

EMS intensity distribution for the earthquake of 2020.12.29 11:19 UTC

Table 3.15: Felt EMS intensities for the earthquake of 2020.12.29 11:19 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Abaliget	46.144	18.12	V	3
Abony	47.19	20	III	2
Ádánd	46.856	18.16	III-IV	2
Adony	47.123	18.867	III-IV	1
Agárd	47.196	18.607	III-IV	4
Ágfalva	47.689	16.522	III	1
Ajka	47.099	17.553	III-IV	11
Akasztó	46.695	19.204	III	1
Albertirsa	47.238	19.62	III	1
Almásfüzitő	47.732	18.259	III	1
Almásháza	46.84	17.049	III	1
Andocs	46.651	17.92	IV	1
Apácatorna	47.115	17.296	IV	1
Aparhant	46.339	18.452	IV	1
Apátistvánfalva	46.904	16.277	IV	2
Apostag	46.884	18.961	III	2
Aszód	47.649	19.483	III	1
Attala	46.381	18.066	IV	1
Attala-Szentivánpuszta	46.398	18.03	IV	1
Babarc	46.007	18.556	IV	1
Babócsa	46.041	17.349	V	2
Bácsalmás	46.127	19.328	III	2

Locality	Latitude ($^{\circ}$ N)	Longitude ($^{\circ}$ E)	Intensity (EMS)	N
Badacsonytomaj	46.809	17.516	III	1
Badacsonytördemic	46.813	17.472	III-IV	2
Bagod	46.879	16.747	III	1
Baja	46.182	18.958	IV-V	39
Bak	46.731	16.845	IV	2
Bakonyszentkirály	47.366	17.887	IV	1
Balástya	46.421	20.014	III	1
Balatonakarattya	47.021	18.153	IV	5
Balatonaliga	46.984	18.167	IV	1
Balatonalmádi	47.028	18.01	IV	6
Balatonberény	46.712	17.321	III	1
Balatonberény-szőlőhegy	46.695	17.348	III	1
Balatonboglár	46.774	17.656	IV	5
Balatonederics	46.813	17.375	III	1
Balatonfenyves	46.708	17.482	IV	3
Balatonföldvár	46.854	17.878	III	3
Balatonfüred	46.963	17.891	IV	5
Balatonfüzfő	47.066	18.045	IV	3
Balatongyörök-Becehegy	46.782	17.365	III	1
Balatonkenese	47.036	18.109	IV	4
Balatonkeresztúr	46.698	17.371	III-IV	3
Balatonlelle	46.785	17.702	IV	3
Balatonmagyaród	46.599	17.18	V	24
Balatonmáriafürdő	46.702	17.412	III-IV	1
Balatonszabadi	46.93	18.117	IV	2
Balatonszárszó	46.832	17.83	IV	4
Balatonszemes	46.812	17.777	IV	5
Balatonszentgyörgy	46.691	17.292	IV-V	4
Balatonszőlős	46.966	17.826	III	1
Balatonvilágos	46.965	18.161	IV-V	5
Bálványos	46.785	17.949	IV	1
Baracs	46.889	18.907	IV	3
Baracska	47.286	18.764	III-IV	2
Baranyajenő	46.273	18.048	IV-V	1
Barcs	45.961	17.463	V	2
Bárdudvarnok	46.329	17.688	IV-V	1
Basal	46.074	17.782	IV	1
Bátaszék	46.194	18.725	IV-V	7
Bátmonostor	46.107	18.928	V	1
Bázakerettye	46.528	16.729	V	1
Becsehely	46.451	16.79	IV-V	1
Becsvölgye	46.764	16.687	IV	1
Békéscsaba	46.675	21.081	III	3
Bélavár	46.127	17.219	V	1
Belezná	46.331	16.939	IV	2
Belsőárd	46.645	16.474	V	2
Berhida	47.113	18.134	IV	3
Berzence	46.214	17.151	V-VI	4
Biatorbágy	47.473	18.82	IV	4
Bicske	47.493	18.634	IV	13
Boba	47.181	17.192	III	1
Bodajk	47.322	18.241	III	1

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Bodmér	47.452	18.542	IV	1
Bogád	46.087	18.327	III-IV	1
Boldog	47.607	19.68	II-III	1
Bolhó	46.046	17.302	V	28
Bóly	45.968	18.519	IV-V	7
Bonyhád	46.3	18.532	V	1
Borjád	45.937	18.474	IV-V	1
Borota	46.273	19.222	IV	1
Botykapeterd	46.05	17.869	V	3
Bratislava	48.149	17.108	II	1
Bucsu	47.263	16.499	IV	1
Budajenő	47.558	18.81	III	1
Budakalász	47.622	19.051	III	1
Budakeszi	47.514	18.937	III	2
Budaörs	47.469	18.961	IV	25
Budapest XX.	47.42	19.12	III-IV	30
Budapest I	47.51	19.03	III-IV	16
Budapest II.	47.54	19	III-IV	16
Budapest III.	47.57	19.03	III-IV	44
Budapest IV.	47.57	19.1	III-IV	78
Budapest IX.	47.47	19.1	IV	29
Budapest V.	47.5	19.05	IV	33
Budapest VI.	47.52	19.07	IV	35
Budapest VII.	47.51	19.08	IV	16
Budapest VIII.	47.49	19.09	III-IV	38
Budapest X.	47.48	19.15	III-IV	47
Budapest XI.	47.46	19.04	IV	130
Budapest XII.	47.5	19	III-IV	33
Budapest XIII.	47.54	19.08	IV	91
Budapest XIV.	47.52	19.12	III-IV	18
Budapest XIX.	47.46	19.12	III-IV	22
Budapest XV.	47.54	19.13	III	24
Budapest XVI.	47.52	19.19	III	6
Budapest XVII.	47.47	19.26	III	4
Budapest XVIII.	47.44	19.19	III-IV	63
Budapest XXI.	47.42	19.07	III	16
Budapest XXII.	47.42	19.01	III	13
Budapest XXIII.	47.394	19.122	III	1
Buzsák	46.651	17.58	III-IV	1
Cece	46.771	18.633	IV	3
Cegléd	47.17	19.793	III-IV	6
Celldőmölk	47.259	17.158	IV	7
Csákánydoroszló	46.975	16.512	III-IV	2
Csákvár	47.393	18.464	IV	5
Csányoszró	45.882	17.913	IV-V	1
Csarnóta	45.909	18.235	IV-V	1
Cserénfa	46.309	17.877	III	1
Cserszegtomaj	46.802	17.219	IV	2
Csikóstóttós	46.344	18.16	IV-V	1
Csöde	46.837	16.547	IV-V	1
Csokonyavisonta	46.08	17.448	V	2
Csoma	46.373	18.051	III-IV	1

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Csömend	46.574	17.493	III-IV	1
Csömödér	46.613	16.641	V	1
Csongrád	46.708	20.151	III-IV	3
Csonkamindszent	46.053	17.966	V	43
Csopak	46.979	17.923	III	1
Csór	47.203	18.262	IV	2
Csorna	47.615	17.255	IV	3
Csősz	47.039	18.416	III-IV	2
Csurgó	46.262	17.103	IV	1
Dabas	47.188	19.312	III	1
Dalmand	46.494	18.191	IV	1
Daraboshegy	46.964	16.575	III	1
Debrecen	47.529	21.628	II	1
Decs	46.288	18.759	III-IV	1
Dég	46.873	18.446	IV	2
Deszk	46.221	20.241	IV	1
Devecser	47.104	17.437	IV	1
Diósd	47.411	18.956	III	1
Döbrököz	46.42	18.251	IV-V	4
Domaszék	46.247	20	III-IV	1
Dombóvár	46.38	18.142	V	1
Dombóvár-Szőlőhegy	46.358	18.107	V	1
Dömsöd	47.096	19.01	III-IV	2
Dorog	47.725	18.741	IV-V	1
Drávaiványi	45.847	17.819	V	2
Dunaegyháza	46.84	18.96	IV	1
Dunafalva	46.085	18.777	IV	2
Dunaföldvár	46.807	18.921	IV-V	8
Dunaharaszti	47.361	19.099	III-IV	1
Dunakeszi	47.639	19.14	III	4
Dunakömlőd	46.662	18.882	IV	1
Dunapataj	46.645	19.004	IV	4
Dunaszeg	47.77	17.546	III	2
Dunaszentbenedek	46.595	18.9	III	1
Dunaszentgyörgy	46.528	18.82	IV	4
Dunaújváros	46.974	18.928	IV	63
Dunavarsány	47.283	19.07	IV	2
Dunavecse	46.916	18.976	IV	2
Dusnok	46.392	18.965	IV	1
Écs	47.564	17.719	III	1
Eger	47.903	20.37	II-III	1
Egerág	45.983	18.31	V	1
Előszállás	46.831	18.825	IV	3
Enying	46.928	18.246	IV-V	2
Ercsi	47.251	18.896	III-IV	3
Érd	47.4	18.904	III	8
Érsekcsanád	46.251	18.986	III	2
Eszteregnye	46.471	16.884	IV	1
Esztergom	47.79	18.752	III-IV	1
Fácánkert	46.446	18.736	IV	2
Fadd	46.465	18.827	IV	5
Fadd-Dombori	46.441	18.866	IV	1

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Fajsz	46.413	18.92	IV	2
Fehértó	47.676	17.349	III	1
Fehérvárcsurgó	47.291	18.268	III-IV	1
Felsőegerszeg	46.254	18.133	V	1
Felsőmarác	46.938	16.524	III	1
Felsőszentiván	46.194	19.185	IV	1
Felsőszentmárton	45.852	17.709	IV-V	1
Felsőszölnök	46.882	16.184	III	1
Fityeház	46.379	16.904	IV-V	4
Fonyód	46.742	17.542	IV-V	7
Fülöpszállás	46.822	19.238	IV	1
Gadács	46.544	18.004	IV-V	1
Galánta	48.19	17.727	III	1
Gamás	46.618	17.76	IV-V	9
Garabonc	46.59	17.125	IV-V	2
Gárdony	47.208	18.631	III-IV	2
Gárdony-Agárd	47.187	18.599	III-IV	1
Gellénháza	46.764	16.785	IV	2
Gelse	46.605	16.993	IV	1
Gelsesziget	46.57	16.992	III-IV	1
Gerde	45.991	18.029	V	3
Gerendás	46.597	20.859	III	1
Gersekarát	46.975	16.747	IV	1
Göd	47.69	19.138	III-IV	1
Gödöllő	47.603	19.358	III	9
Gödre-Gödreszentmárton	46.273	17.995	IV-V	1
Görcsöny	45.971	18.136	III	1
Görgeteg	46.15	17.438	IV-V	1
Gosztola	46.592	16.527	IV	1
Gyál	47.384	19.221	III	1
Gyékényes	46.242	17.013	IV	2
Gyenesdiás	46.769	17.285	III-IV	3
Gyömrő	47.429	19.393	IV-V	4
Gyönk	46.558	18.476	IV	2
Győr	47.684	17.645	IV	47
Györe	46.299	18.403	IV	1
Györköny	46.639	18.697	IV	2
Győrszemere	47.556	17.573	III-IV	2
Győrújfalu	47.723	17.61	III	1
Győrvár	46.989	16.843	IV	1
Gyulafirátót	47.145	17.955	III	1
Gyúró	47.371	18.748	III	1
Hács	46.652	17.692	IV	1
Hahót	46.648	16.927	IV	2
Hajmás	46.282	17.911	IV-V	1
Hajmáskér	47.146	18.023	IV-V	1
Hajós	46.403	19.12	IV	2
Halimba	47.036	17.539	IV	1
Harc	46.403	18.625	IV	1
Harkány	45.85	18.238	V	1
Háromfa	46.111	17.329	V	1
Harta	46.701	19.025	IV	1

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Hásságy	46.032	18.392	IV-V	1
Hatvan	47.671	19.674	III	2
Hegymagas	46.835	17.431	III	1
Hejőkeresztúr	47.958	20.884	III	1
Helvécia	46.835	19.618	III	1
Herceghalom	47.492	18.769	III-IV	1
Herend	47.131	17.748	IV	5
Heresznye	46.058	17.278	IV	1
Heves	47.596	20.276	III	1
Hévíz	46.79	17.191	IV	5
Himesháza	46.08	18.581	IV	1
Hódmezővásárhely	46.42	20.312	III-IV	4
Högyész	46.495	18.417	V-VI	4
Homokmégy	46.489	19.073	III	1
Homorúd	45.989	18.789	IV	1
Hosszúhetény	46.162	18.353	IV-V	1
Igal	46.54	17.938	IV-V	3
Iharos	46.343	17.101	IV	1
Iharosberény	46.368	17.115	IV-V	2
Ipolybalog	48.077	19.13	III	1
Iregszemcse	46.693	18.183	IV	1
Isaszeg	47.533	19.394	IV	1
Iván	47.442	16.909	IV	2
Ivác	46.941	16.507	III	1
Iváncsa	47.158	18.829	IV	1
Ivándárda	45.837	18.592	IV	1
Jánoshalma	46.301	19.319	III-IV	4
Jászfényszaru	47.57	19.714	III	1
Jászfákóhalma	47.526	19.983	III	1
Jobbágyi	47.832	19.664	III	1
Juta	46.409	17.735	IV	4
Kakasd	46.349	18.592	IV	2
Kalocsa	46.527	18.987	IV-V	16
Kánya	46.701	18.069	V-VI	1
Kápolnásnyék	47.241	18.679	IV	2
Kaposfő	46.364	17.672	V	3
Kaposgyarmat	46.283	17.879	IV-V	1
Kaposmérő	46.362	17.706	IV	2
Kapospula	46.379	18.109	IV	1
Kaposszekcső	46.331	18.136	V	100
Kaposszerdahely	46.324	17.76	V	1
Kaposújlak	46.362	17.729	III	1
Kaposvár	46.357	17.791	V	2
Kaposvár-Kaposfüred	46.357	17.791	IV	1
Káptalantóti	46.851	17.514	III-IV	1
Kapuvár	47.593	17.036	III	2
Karád	46.693	17.84	IV	1
Katymár	46.04	19.212	IV	1
Kecel	46.525	19.253	IV	3
Kecskemét	46.909	19.693	IV	28
Kehidakustány	46.834	17.112	III-IV	1
Kelebia	46.196	19.608	III	1

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Kemendollár	46.905	16.943	IV	1
Kenyeri	47.383	17.101	III	1
Kerkaszentkirály	46.496	16.586	V	1
Kerta	47.16	17.278	III	1
Keszthely	46.769	17.246	IV-V	18
Kéthely	46.65	17.391	IV	2
Kétújfalu	45.966	17.724	IV-V	2
Kilimán	46.64	16.998	IV	1
Királyegyháza	46	17.968	IV-V	4
Kisapáti	46.843	17.467	III-IV	1
Kisapostag	46.893	18.937	IV	1
Kisberény	46.642	17.663	IV	1
Kisdobsza	46.028	17.655	V	1
Kisharsány	45.864	18.367	V	1
Kiskőrös	46.622	19.287	IV	7
Kiskunfélegyháza	46.709	19.843	IV	6
Kiskunhalas	46.426	19.486	IV	10
Kiskunlacháza	47.193	19.009	IV	2
Kiskunmajsa	46.489	19.736	III-IV	2
Kisláng	46.961	18.385	III-IV	1
Kismányok	46.273	18.473	IV	2
Kistarcsa	47.545	19.261	III	1
Kistótfalu	45.905	18.311	IV	1
Kóka	47.486	19.579	III	1
Komárom	47.755	18.124	III	1
Komló	46.19	18.265	V	4
Komlósd	46.023	17.389	IV	1
Kondorfa	46.898	16.402	IV-V	1
Körmend	47.017	16.601	IV	5
Kőröshegy	46.828	17.899	IV	2
Kőszárhegy	47.093	18.341	IV	1
Kőszeg	47.39	16.548	III-IV	4
Kötce	46.753	17.853	IV-V	2
Kovácsszénája	46.171	18.11	IV-V	1
Kővágószőlős	46.085	18.133	IV-V	1
Kozármisleny	46.041	18.287	V-VI	5
Kulcs	47.054	18.92	III	1
Kunszentmiklós	47.03	19.126	IV	3
Kurd	46.448	18.321	IV	2
Lábod	46.205	17.455	IV	1
Lad	46.139	17.651	V	1
Lajoskomárom	46.843	18.338	IV	1
Lajosmizse	47.027	19.551	IV	3
Látrány	46.751	17.744	IV	1
Leányfalu	47.721	19.091	III	1
Lendva	46.564	16.453	V	1
Lendvajakabfa	46.682	16.448	V	5
Lengyeltóti	46.671	17.641	IV	2
Lenti	46.63	16.545	V-VI	6
Lepsény	46.991	18.246	IV	2
Lesencefalu	46.846	17.343	IV	1
Lesenceistvánd	46.872	17.365	IV	1

Locality	Latitude ($^{\circ}$ N)	Longitude ($^{\circ}$ E)	Intensity (EMS)	N
Lesencetomaj	46.86	17.369	IV	1
Letenye	46.433	16.724	V	1
Liget	46.238	18.196	V	1
Liptód	46.044	18.515	IV-V	1
Madaras	46.064	19.265	III	1
Madocsa	46.689	18.957	IV-V	1
Maglód	47.447	19.348	III	1
Mágocs	46.351	18.234	IV-V	1
Magyaregres	46.46	17.773	V	1
Magyarmecske	45.946	17.965	IV-V	1
Magyarsarlós	46.043	18.352	IV-V	1
Magyarszék	46.195	18.201	V	1
Magyarszerdahely	46.559	16.945	IV	1
Makád	47.094	18.935	III-IV	1
Mánfa	46.161	18.245	V	2
Maráza	46.079	18.512	III	1
Marcali	46.584	17.414	IV-V	19
Martfű	47.02	20.29	III-IV	1
Martonvásár	47.318	18.792	III	1
Mátételke	46.162	19.279	V	3
Máza	46.267	18.399	IV	1
Mecseknádasd	46.227	18.468	III-IV	1
Medina	46.473	18.642	IV	1
Meggyeskovácsi	47.15	16.865	III	1
Mernye	46.509	17.82	IV	1
Mezőcsokonya	46.435	17.648	IV	2
Mezőfalva	46.932	18.779	IV	1
Mezőszilas	46.816	18.474	V	1
Mihályháza	47.304	17.34	III	2
Mike	46.241	17.532	V	22
Mikekarácsonyfa	46.663	16.705	IV	1
Mindszent	46.521	20.189	III	1
Mindszentkállya	46.873	17.554	IV	1
Miskolc	48.095	20.737	III	2
Mohács	45.989	18.683	V	3
Monor	47.349	19.44	III	2
Mór	47.376	18.212	III-IV	2
Mórahalom	46.22	19.883	III	1
Mosonmagyaróvár	47.866	17.272	III	3
Mosonszolnok	47.851	17.181	III	1
Mozsgó	46.115	17.846	IV-V	2
Murakeresztúr	46.355	16.877	V	24
Nadap	47.258	18.622	III-IV	1
Nádasdladány	47.134	18.239	III-IV	1
Nagyacsád	47.364	17.38	IV	1
Nagyatád	46.227	17.363	V	1
Nagybajcs	47.769	17.691	III-IV	1
Nagybajom	46.397	17.51	IV-V	3
Nagybaracska	46.047	18.909	III-IV	1
Nagyberény	46.799	18.163	IV-V	2
Nagyberki	46.356	18.013	IV-V	2
Nagybudmér	45.935	18.447	V	1

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Nagydobosza	46.029	17.667	IV	1
Nagydorog	46.622	18.661	IV	1
Nagyesztergár	47.28	17.91	IV	1
Nagyharsány	45.847	18.394	V	62
Nagyigmánd	47.64	18.081	III	1
Nagykanizsa	46.459	16.99	V	5
Nagykanizsa-Miklósfa	46.459	16.99	IV-V	1
Nagykapornak	46.819	16.994	IV-V	1
Nagykőrös	47.033	19.779	III	1
Nagykozár	46.068	18.322	V	2
Nagylók	46.98	18.636	III	1
Nagyrada	46.621	17.12	IV	1
Nagyrákos	46.826	16.464	IV	2
Nagyrecse	46.49	17.055	V	1
Nagyszokoly	46.72	18.212	IV-V	1
Nagytarcsa	47.526	19.284	III	1
Nagyvázsony	46.984	17.701	IV	1
Nárai	47.195	16.563	IV	1
Nemesbőd	47.267	16.746	III	1
Nemesbük	46.823	17.144	IV	1
Nemesgulács	46.837	17.482	III	1
Nemesrádó	46.029	17.667	IV	1
Nemesvámos	47.056	17.878	III-IV	2
Nemesvita	46.825	17.365	III-IV	1
Nyárád	47.284	17.367	III	1
Nyáregyháza	47.263	19.497	III-IV	1
Ócsény	46.312	18.762	IV	2
Óhíd	46.962	17.172	IV-V	1
Öreglak	46.605	17.629	IV	1
Órfalu	46.88	16.269	IV	1
Orfű	46.136	18.16	IV	1
Óriszentpéter	46.842	16.423	IV	1
Örkény	47.133	19.422	IV	1
Orosháza	46.562	20.668	III	2
Oroszlány	47.487	18.323	IV	3
Oroszló	46.222	18.125	III-IV	1
Órtilos	46.283	16.924	IV-V	1
Ósi	47.141	18.188	IV	1
Öskü	47.162	18.072	III-IV	1
Öttevény	47.729	17.487	IV	1
Ötvöskónyi	46.292	17.366	IV	1
Ozora	46.751	18.397	IV	1
Pácsony	47.018	16.861	IV	1
Páka	46.595	16.646	V	4
Pakod	46.959	17.014	IV	1
Paks	46.628	18.861	IV-V	38
Paks-Dunakömlöd	46.663	18.876	IV	4
Palé	46.261	18.073	IV-V	1
Pálfa-Felsrácegres	46.714	18.612	IV-V	1
Pálmonostora	46.628	19.94	III	1
Paloznak	46.983	17.942	III	1
Pankasz	46.841	16.502	IV-V	2

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Pápa	47.331	17.467	IV	5
Papkeszi	47.084	18.083	IV-V	2
Pátka	47.277	18.494	IV	1
Páty	47.515	18.833	III	1
Pázmánd	47.291	18.657	IV	2
Pécel	47.491	19.336	III	3
Pécs	46.088	18.245	V-VI	249
Pécsudvard	46.012	18.277	IV-V	1
Pécsvárad	46.16	18.421	IV	3
Pécs-Vasas	46.133	18.322	IV	1
Pellérd	46.038	18.153	V	1
Perbál	47.595	18.768	IV	1
Perkáta	47.053	18.788	III-IV	1
Péterhida	46.015	17.362	IV	2
Péteri	47.389	19.406	III	2
Pétfürd	47.165	18.126	IV	3
Pettend	46.001	17.712	V	1
Piliscsaba	47.638	18.84	III	1
Pilisszentiván	47.612	18.897	III	1
Pilisvörösvár	47.618	18.916	III	1
Pogány	45.982	18.265	IV	2
Polány	46.558	17.773	IV	1
Polgárdi	47.059	18.304	III-IV	1
Porrogszentpál	46.292	17.015	IV-V	1
Pötréte	46.685	16.955	IV-V	1
Pusztahencse	46.596	18.722	III	1
Pusztaszabolcs	47.141	18.763	IV	1
Pusztaszemes	46.771	17.921	III	1
Pusztavacs	47.177	19.493	III	1
Rábagyarmat	46.939	16.424	IV	2
Rábatöttös	47.133	16.809	IV	1
Rácalmás	47.025	18.943	IV	11
Ráckeve	47.157	18.948	IV	10
Raposka	46.849	17.428	V	2
Rém	46.249	19.146	IV	1
Répcelak	47.422	17.024	III	1
Révfülöp	46.829	17.627	III-IV	1
Rigyác	46.466	16.864	IV	1
Romonya	46.088	18.343	IV-V	2
Rum	47.125	16.849	IV	2
Ságvár	46.836	18.102	V	1
Sándorfalva	46.365	20.098	III-IV	1
Sántos	46.35	17.878	V	2
Sárbogárd	46.881	18.624	V	32
Sármellék	46.708	17.173	IV-V	3
Sárosd	47.042	18.643	III	1
Sárszentlőrinc	46.627	18.603	III-IV	1
Sárvár	47.255	16.935	IV	14
Sásd	46.254	18.103	IV-V	5
Segesd	46.347	17.349	V	3
Sellye	45.874	17.85	V	4
Semjénháza	46.4	16.846	V	1

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Seregélyes	47.11	18.58	IV	1
Siklós	45.857	18.302	V	8
Simonfa	46.287	17.823	IV-V	2
Simontornya	46.756	18.554	IV	2
Siófok	46.904	18.055	IV-V	24
Siójut	46.877	18.136	III-IV	1
Solt	46.805	18.992	IV	4
Solymár	47.593	18.936	IV	1
Somberek	46.083	18.657	IV	2
Somlóvásárhely	47.12	17.381	IV	1
Somogyapáti	46.092	17.751	V	4
Somogybabod	46.674	17.773	V	2
Somogyegres	46.676	18.025	IV	1
Somogyjád	46.492	17.712	V	2
Somogyszil	46.52	17.997	IV	1
Somogyszob	46.296	17.296	V	2
Somogyudvarhely	46.177	17.198	V	53
Somogyvámos	46.569	17.684	IV	1
Somogyvár	46.59	17.651	IV-V	1
Sopron	47.682	16.593	IV	26
Sopronhorpács	47.481	16.744	IV	1
Sükösd	46.291	18.999	III	1
Szabadbattyán	47.121	18.372	IV	1
Szabadkígyós	46.604	21.068	III	1
Szabadszállás	46.874	19.223	III-IV	2
Szabadszentkirály	46.009	18.044	IV	2
Szabás	46.29	17.448	V	1
Szakály	46.525	18.385	V	2
Szakonyfalu	46.926	16.236	IV	1
Szalánta	45.953	18.236	IV-V	1
Szántód	46.873	17.9	III	1
Szany	47.465	17.303	III-IV	1
Szarvas	46.863	20.551	III	1
Szászvár	46.274	18.377	III-IV	2
Százhalombatta	47.325	18.922	III-IV	6
Szederkény	46.001	18.456	IV	2
Szedres	46.478	18.687	IV	3
Szeged	46.259	20.152	IV	22
Szeged-Kiskundorozsma	46.273	20.063	IV	1
Szegvár	46.579	20.222	III	2
Székesfehérvár	47.196	18.423	IV	43
Szekszárd	46.352	18.702	IV-V	42
Szekszárd-Zomba	46.352	18.702	IV	1
Szenna	46.31	17.73	IV-V	1
Szentbalázs	46.322	17.894	IV-V	1
Szentborbás	45.875	17.662	IV-V	1
Szentegát	45.975	17.824	IV	1
Szentendre	47.674	19.073	III	2
Szentes	46.652	20.261	III	1
Szentgál	47.113	17.738	III-IV	1
Szentgáloskér	46.505	17.879	IV	3
Szentgotthárd	46.956	16.283	IV-V	18

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Szentlisló	46.582	16.828	IV	1
Szentlinc	46.04	17.984	IV-V	4
Szepetnek	46.434	16.896	IV	2
Szeremle	46.144	18.888	III	1
Szigetmonostor-Horány	47.691	19.108	III-IV	1
Szigetszentmiklós	47.35	19.049	III-IV	5
Szigetvár	46.051	17.793	V	23
Szolnok	47.176	20.193	III-IV	6
Szőlősgyörök	46.713	17.677	IV	1
Szombathely	47.235	16.624	IV-V	41
Szulimán	46.128	17.806	IV	1
Szulok	46.053	17.551	V	1
Tab	46.733	18.03	IV	1
Taliándörög	46.976	17.572	III-IV	1
Tamási	46.631	18.287	IV	6
Táplánszentkereszt	47.199	16.709	III	2
Tapolca	46.885	17.446	IV	1
Taszár	46.381	17.907	IV-V	2
Tatabánya	47.561	18.421	IV-V	2
Telki	47.55	18.835	IV	5
Tengelic	46.529	18.716	IV-V	2
Tengeri	45.93	18.093	V	1
Teskánd	46.849	16.776	III	1
Tevel	46.408	18.456	III	1
Tihany	46.911	17.882	IV	2
Tinnye	47.623	18.785	IV	3
Tiszaalpár	46.815	19.989	III-IV	1
Tiszaföldvár	46.967	20.258	III-IV	1
Tiszajenő	47.02	20.142	III	1
Tiszakécske	46.934	20.096	III-IV	1
Tiszasas	46.823	20.08	III	1
Tiszaújváros	47.916	21.043	III	1
Tófej	46.674	16.806	III-IV	1
Tokodaltáró	47.732	18.689	III	1
Tolna	46.424	18.787	IV	3
Toponár	46.397	17.832	IV	1
Torony	47.24	16.541	IV	1
Tószeg	47.098	20.143	III	1
Tótszentmárton	46.423	16.803	IV	1
Tótszerdahely	46.401	16.798	III-IV	2
Türje	46.982	17.105	III	1
Újszász	47.295	20.069	III	1
Üllő	47.386	19.343	III	1
Úrkút	47.085	17.643	III	1
Vác	47.783	19.135	III	3
Vajszló	45.857	17.985	V	1
Vál	47.364	18.684	III-IV	2
Vállus	46.843	17.301	V	1
Vámosgyörk	47.688	19.92	III	1
Vámosszabadi	47.756	17.654	III	1
Várpalota	47.199	18.145	IV	18
Vásárosdombó	46.309	18.134	V	2

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Vaskeresztes	47.193	16.456	III-IV	1
Vaspör	46.918	16.65	III-IV	2
Vasszécseny	47.183	16.77	III-IV	1
Vasvár	47.055	16.815	IV	1
Vecsés	47.408	19.264	III	2
Velence	47.242	18.652	IV	5
Velencefürdő	47.219	18.648	IV-V	1
Vép	47.232	16.724	III-IV	2
Veresegyház	47.653	19.285	III	1
Vértesszőlős	47.43	18.532	III-IV	2
Vése	46.414	17.292	V	1
Veszprém	47.094	17.913	IV	34
Veszprém-Gyulafirátót	47.142	17.949	IV	1
Vindornyaszőlős	46.899	17.16	IV	1
Visnye	46.185	17.681	V	1
Visnyeszéplak-tanya	46.218	17.718	V	1
Vízvár	46.093	17.238	V	1
Vonyarcvashegy	46.759	17.314	III-IV	2
Wien	48.208	16.374	IV	1
Zákány	46.281	16.946	V	6
Zalabaksa	46.707	16.553	IV-V	1
Zalacséb	46.861	16.657	IV	2
Zalaegerszeg	46.844	16.844	V	3
Zalakaros	46.56	17.128	V	3
Zalakovár	46.536	17.181	IV	1
Zalaszántó	46.884	17.229	III-IV	1
Zalaszántógrót	46.938	17.083	IV	2
Zalaszántóvár	46.891	16.896	V	1
Zalaszántóvár	46.486	17.131	IV	1
Zalaszántóvár	46.7	17.065	IV	1
Zalaszántóvár	46.733	16.95	IV	1
Zalaszántóvár	46.639	16.448	V	1
Zalatárnok	46.703	16.758	IV-V	1
Zalavár	46.669	17.163	IV-V	1
Zamárdi	46.883	17.949	IV	4
Zámoly	47.319	18.412	IV	2
Zánka	46.876	17.677	IV	1
Zenta	45.926	20.078	IV	1
Zimány	46.426	17.907	IV	1
Zirc	47.263	17.875	IV	1
Zók	46.007	18.099	V	2
Zomba	46.416	18.566	IV	1
Zsombó	46.329	19.966	III	1

2020.12.30 05:15 – Horvátország

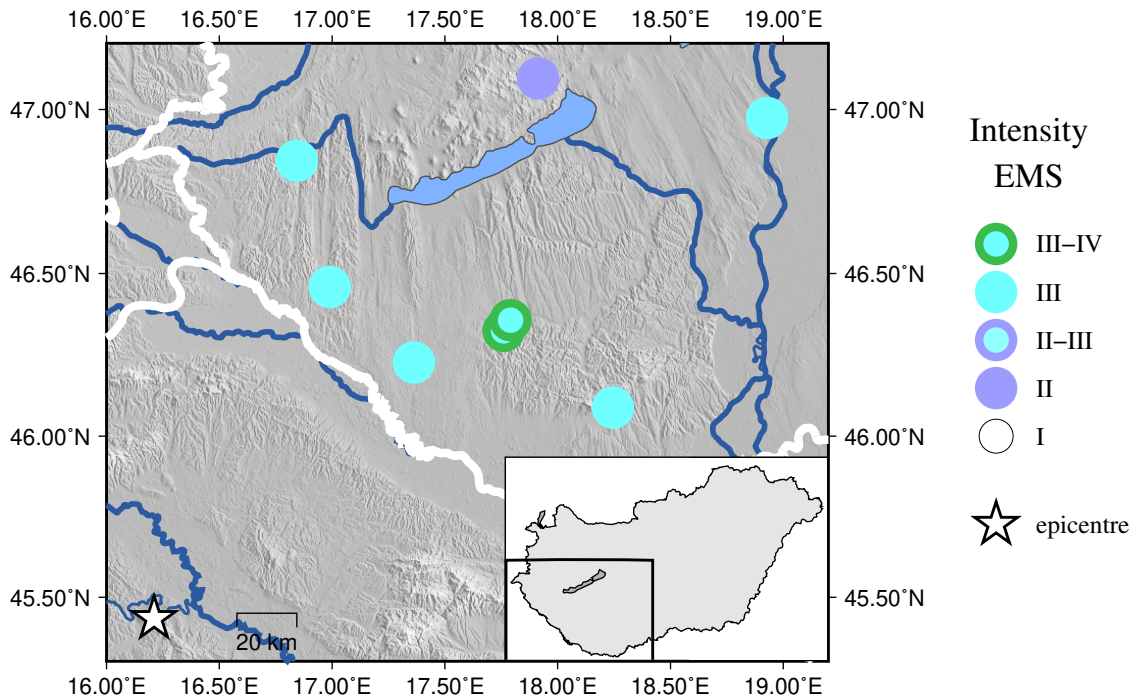


Figure 3.15:

EMS intensity distribution for the earthquake of 2020.12.30 05:15 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Dunaújváros	46.974	18.928	III	1
Kaposszerdahely	46.324	17.76	III-IV	1
Kaposvár	46.357	17.791	III-IV	4
Nagyatád	46.227	17.363	III	1
Nagykanizsa	46.459	16.99	III	3
Pécs	46.088	18.245	III	3
Veszprém	47.094	17.913	II	1
Zalaegerszeg	46.844	16.844	III	2

Table 3.16:

Felt EMS intensities for the earthquake of 2020.12.30 05:15 UTC

2020.12.30 05:26 – Horvátország

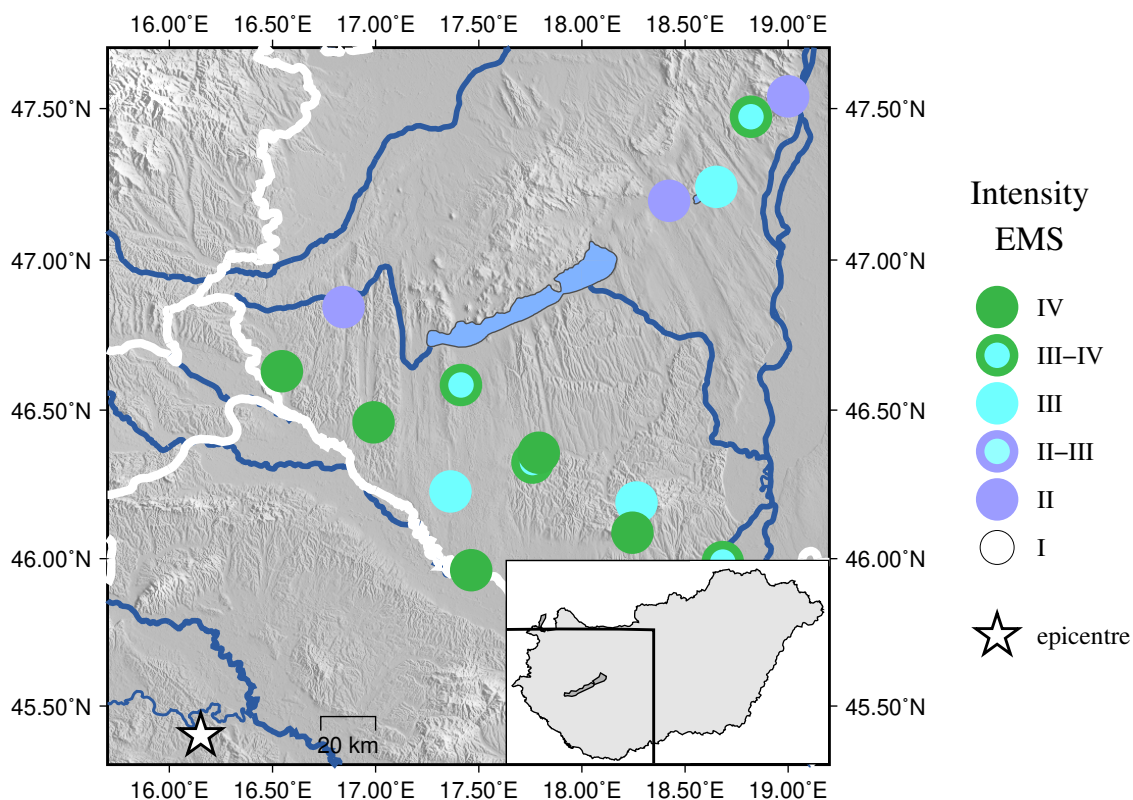


Figure 3.16:

EMS intensity distribution for the earthquake of 2020.12.30 05:26 UTC

Table 3.17: Felt EMS intensities for the earthquake of 2020.12.30 05:26 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Barcs	45.961	17.463	IV	2
Biatorbágy	47.473	18.82	III-IV	1
Budapest II.	47.54	19	II	1
Kaposszerdahely	46.324	17.76	III-IV	1
Kaposvár	46.357	17.791	IV	6
Komló	46.19	18.265	III	1
Lenti	46.63	16.545	IV	1
Marcali	46.584	17.414	III-IV	1
Mohács	45.989	18.683	III-IV	1
Nagyatád	46.227	17.363	III	1
Nagykanizsa	46.459	16.99	IV	9
Pécs	46.088	18.245	IV	9
Székesfehérvár	47.196	18.423	II	1
Velence	47.242	18.652	III	1
Zalaegerszeg	46.844	16.844	II	2

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
2020/01/02	22:53:02.25	0.86	0.58	48.4040	17.1666	3.9	3.4	101	4.0f	14	10	81	0.08	1.26	ke	BUD	16000000	BUD				103

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	1.1	3 BUD	16000000

Sta	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	112.3	Pg	22:53:04.610	0.3					T__						5103650	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.08	112.3	Lg	22:53:06.365	0.2					T__						5103654	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ZST	0.21	191.7	Pg	22:53:06.425	-0.4					T__	52588.1				ML	3.6	5103659	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.21	191.7	Lg	22:53:09.479	-0.9					T__						5103660	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.6 magdef=1)																									
(Station ML: 3.6 magdef=1)																									
A334A	0.39	59.1	Pg	22:53:10.561	0.3					T__		157.0			ML	1.6	5103661	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KRUC	0.83	322.5	Pg	22:53:18.042	-0.1					T__						5103651	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
KRUC	0.83	322.5	Lg	22:53:29.909	-0.4					T__						5103655	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
A332A	0.95	64.6	Lg	22:53:33.482	-0.9					T__						5103662	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
VRAC	0.98	337.5	Pg	22:53:20.726	-0.0					T__						5103653	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
EGYH	0.99	173.5	Pg	22:53:21.921	0.0					T__	188.3				ML	2.3	5103658	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.99	173.5	Lg	22:53:36.765	0.8					T__						5103656	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
CONA	0.99	241.9	Lg	22:53:35.821	1.0					T__						5103652	FDSN	OE	--	BUD	iLoc	BHE	???	_	
A008A	1.01	268.6	Lg	22:53:35.617	0.2					T__						5103663	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MPLH	1.26	168.3	Sn	22:53:43.458	-0.1					T__						5103657	FDSN	HU	--	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	
2020/01/03	22:56:48.98	1.00	0.45	47.7859	18.3292	9.9	3.5	133	6.6	26.5	13	7	123	0.15	1.02	ke	BUD	16000002	BUD				163

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	7 BUD	16000002

Sta	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	166.3	Pg	22:56:52.322	-0.1					T__		240.5			ML	1.1	5104370	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.15	166.3	Lg	22:56:55.203	-0.2					T__						5104371	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
CSKK	0.43	186.3	Pg	22:56:58.460	0.8					T__	151.1				ML	1.7	5104378	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.43	186.3	Lg	22:57:04.183	-0.6					T__						5104366	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU08A	0.45	217.9	Pg	22:56:58.320	0.3					T__	178.1				ML	1.8	5104376	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.45	217.9	Lg	22:57:04.956	-0.3					T__						5104372	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
A336A	0.63	44.9	Pg	22:57:02.276	0.4					T__	272.9				ML	2.3	5104373	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.63	44.9	Lg	22:57:10.967	-0.6					T__						5104374	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
EGYH	0.77	241.7	Pg	22:57:04.380	0.1					T__	167.4				ML	2.2	5104377	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

```

EGYH  0.77 241.7 Lg      22:57:15.158 -0.2      T__          ---          5104367    FDSN HU      -- BUD    iLoc  HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MPLH  0.82 221.3 Pg      22:57:05.222  0.0      T__    143.0    --- ML    2.1 5104369    FDSN HU      -- BUD    iLoc  BHZ BHZ _
MPLH  0.82 221.3 Lg      22:57:16.924 -0.0      T__          ---          5104368    FDSN HU      -- BUD    iLoc  BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A332A 1.02  5.0 Pn      22:57:08.554 -0.3      T__    208.2    --- ML    2.4 5104375    FDSN Z3      00 BUD    iLoc  HHZ HHZ _
(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
2020/01/04 09:09:35.02  1.18  0.85 47.9276  19.9006  6.7  3.6 147  0.3  1.8  13  7 131  0.01  0.97  sx BUD  16000004  BUD  190

```

```

Magnitude Err Nsta Author  OrigID
ML      2.0 0.2  6 BUD  16000004

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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  0.01 204.2 Pg      09:09:35.648 -0.1      T__          6460.9    --- ML    2.1 5104434    FDSN GE      -- BUD    iLoc  BHZ BHZ _
PSZ  0.01 204.2 Lg      09:09:36.297 -0.3      T__          ---          5104435    FDSN GE      -- BUD    iLoc  BHZ ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU03A 0.20 263.4 Pg      09:09:39.651  0.1      T__          385.4    --- ML    1.5 5104441    FDSN ZJ      00 BUD    iLoc  HHZ HHZ _
HU03A 0.20 263.4 Lg      09:09:42.869 -0.1      T__          ---          5104440    FDSN ZJ      00 BUD    iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU23A 0.37 140.7 Lg      09:09:49.611  0.5      T__          ---          5104442    FDSN ZJ      00 BUD    iLoc  HHN ??? _
HU02A 0.46  64.9 Pg      09:09:44.762 -0.0      T__    156.0    --- ML    1.8 5104443    FDSN ZJ      00 BUD    iLoc  HHZ HHZ _
HU02A 0.46  64.9 Lg      09:09:50.956 -1.3      T__          ---          5104444    FDSN ZJ      00 BUD    iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS  0.68  34.9 Pg      09:09:49.273  0.7      T__          91.4     --- ML    1.8 5104437    FDSN SK      -- BUD    iLoc  EHE EHZ _
KECS  0.68  34.9 Lg      09:09:58.457 -0.3      T__          ---          5104436    FDSN SK      -- BUD    iLoc  EHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS   0.71  36.7 Pg      09:09:49.939  0.8      T__    179.5    --- ML    2.1 5104445    FDSN ZJ      -- BUD    iLoc  HHZ HHZ _
JOS   0.71  36.7 Lg      09:09:59.055 -0.7      T__          ---          5104446    FDSN ZJ      -- BUD    iLoc  HHZ ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ABAH  0.97  67.2 Pn      09:09:56.001  1.5      T__    211.1    --- ML    2.4 5104438    FDSN HU      -- BUD    iLoc  HHZ HHZ _
ABAH  0.97  67.2 Lg      09:10:08.646 -0.6      T__          ---          5104439    FDSN HU      -- BUD    iLoc  HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 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
2020/01/05 01:13:22.97  0.78  1.01 46.3451  16.9556  3.9  2.7 176  8.4  7.2 167  97 58  0.18  4.95  ke BUD  16000006  BUD  76

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Magnitude Err Nsta Author  OrigID
ML      3.5 0.2  75 BUD  16000006

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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	0.18	315.2	Pg	01:13:27.175	0.1					T__		29125.7		---	ML	3.3	5105384	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.18	315.2	Lg	01:13:30.511	0.5					T__				---		5105383	FDSN	HU	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 3.3 magdef=1																					
				(Station ML: 3.3 magdef=1																					
A264A	0.30	128.5	Pg	01:13:29.755	0.4					T__		11374.4		---	ML	3.2	5105385	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.30	128.5	Lg	01:13:35.236	1.6					T__				---		5105386	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 3.2 magdef=1																					
				(Station ML: 3.2 magdef=1																					
A263A	0.39	39.9	Pg	01:13:30.513	-0.5					T__		17004.1		---	ML	3.6	5105387	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.39	39.9	Lg	01:13:36.620	0.1					T__				---		5105388	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 3.6 magdef=1																					
				(Station ML: 3.6 magdef=1																					
KOGS	0.50	282.2	Pg	01:13:32.331	-0.6					T__		18439.5		---	ML	4.0	5105367	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.50	282.2	Lg	01:13:39.399	-0.2					T__				---		5105380	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 4.0 magdef=1																					
				(Station ML: 4.0 magdef=0																					
A265A	0.59	81.9	Pg	01:13:34.741	-0.1					T__		11393.2		---	ML	3.9	5105389	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.59	81.9	Lg	01:13:44.255	1.3					T__				---		5105390	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 3.9 magdef=1																					
				(Station ML: 3.9 magdef=0																					
A262A	0.60	330.5	Pg	01:13:34.703	-0.2					T__		7895.5		---	ML	3.7	5105391	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.60	330.5	Lg	01:13:43.964	1.1					T__				---		5105392	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 3.7 magdef=1																					
				(Station ML: 3.7 magdef=1																					
A261A	0.62	12.3	Pg	01:13:34.599	-0.9					T__		7918.8		---	ML	3.7	5105393	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 3.7 magdef=1																					
				(Station ML: 3.7 magdef=1																					
A273A	0.74	125.3	Pg	01:13:37.670	0.2					T__		4216.1		---	ML	3.5	5105394	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.74	125.3	Sn	01:13:49.836	0.2					T__				---		5105395	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 3.5 magdef=1																					
				(Station ML: 3.5 magdef=1																					
PTJ	0.81	237.8	Pg	01:13:38.054	-0.9					T__		8264.2		---	ML	3.9	5105368	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.81	237.8	Lg	01:13:51.383	0.7					T__				---		5105381	FDSN	CR	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 3.9 magdef=1																					
				(Station ML: 3.9 magdef=0																					
KOVH	0.84	107.5	Pg	01:13:38.897	-0.5					T__		1752.6		---	ML	3.2	5105372	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.84	107.5	Lg	01:13:50.497	0.0					T__				---		5105382	FDSN	HU	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 3.2 magdef=1																					
				(Station ML: 3.2 magdef=1																					
ZAG	0.85	232.8	Pg	01:13:39.046	-0.2					T__		8188.7		---	ML	3.9	5105369	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 3.9 magdef=1																					
				(Station ML: 3.9 magdef=0																					
TIH	0.85	49.0	Pg	01:13:38.748	-0.9					T__		17539.4		---	ML	4.2	5105370	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 4.2 magdef=1																					
				(Station ML: 4.2 magdef=0																					
MPLH	0.92	25.7	Pg	01:13:39.829	-1.1					T__		5167.4		---	ML	3.7	5105371	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.92	25.7	Lg	01:13:54.460	0.2					T__				---		5105396	FDSN	HU	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 3.7 magdef=1																					
				(Station ML: 3.7 magdef=1																					
A266A	0.92	78.3	Pn	01:13:40.490	-0.3					T__		5639.6		---	ML	3.8	5105397	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.92	78.3	Lg	01:13:54.017	0.5					T__				---		5105398	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 3.8 magdef=1																					

SOP	1.37	348.7	Pg	01:13:48.648	-0.5	T__			5105410	FDSN	HU	--	BUD	iLoc	BHZ	???	_		
SOP	1.37	348.7	Lg	01:14:06.109	-0.7	T__			5105409	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
SOKA	1.37	284.8	Pn	01:13:46.622	-1.2	T__	6.6	0.24	___e ML	1.1	26226732	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.37	284.8	Sn	01:14:05.467	-0.1	T__	45.4	0.22	___e ML	1.9	26226733	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
A003A	1.42	2.7	Lg	01:14:10.169	1.1	T__			___		5105411	FDSN	Z3	00	BUD	iLoc	HH3	???	_
RONA	1.43	341.8	Pn	01:13:48.093	-0.1	T__	3.6	0.14	___e ML	0.9	26226730	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	1.43	341.8	Lg	01:14:08.851	0.0	T__	96.0	0.28	___ ML	2.3	26226731	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
A272A	1.44	73.2	Pn	01:13:47.266	-0.7	T__	2389.8		___ ML	3.7	5105412	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A272A	1.44	73.2	Pg	01:13:50.004	-0.7	T__			___		5105413	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
A272A	1.44	73.2	Lg	01:14:10.087	-0.5	T__			___		5105414	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
HU22A	1.51	89.9	Pn	01:13:48.717	-0.0	T__	1575.4		___ ML	3.5	5105415	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	1.51	89.9	Pg	01:13:52.153	0.4	T__			___		5105416	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
HU22A	1.51	89.9	Lg	01:14:13.580	1.2	T__			___		5105417	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
A271A	1.52	57.2	Pg	01:13:52.050	-0.2	T__	2686.9		___ ML	3.8	5105418	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A271A	1.52	57.2	Lg	01:14:15.004	1.5	T__			___		5105419	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=1)																			
A339A	1.56	17.6	Pg	01:13:52.956	0.0	T__	1555.4		___ ML	3.6	5105420	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A339A	1.56	17.6	Lg	01:14:16.026	1.8	T__			___		5105421	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
BLY	1.60	174.2	Pn	01:13:50.763	0.0	T__	369.9		___ ML	3.0	5105377	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
HU09A	1.62	36.5	Pn	01:13:51.830	1.3	T__	1261.8		___ ML	3.5	5105422	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	1.62	36.5	Pg	01:13:53.905	-0.1	T__			___		5105423	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
HU09A	1.62	36.5	Lg	01:14:16.527	-0.2	T__			___		5105424	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
OBKA	1.67	276.5	Pn	01:13:50.865	-1.3	T__	1422.4		___ ML	3.6	5105425	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.67	276.5	Sn	01:14:14.835	1.6	T__	155.8	0.30	___ ML	2.6	26226727	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
CONA	1.75	335.2	Pn	01:13:52.637	-0.2	T__	573.2		___ ML	3.2	5105426	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.75	335.2	Pg	01:13:56.455	0.3	T__			___		5105427	FDSN	OE	--	BUD	iLoc	HHZ	???	_
CONA	1.75	335.2	Lg	01:14:19.292	0.6	T__			___		5105428	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
HU04A	1.80	74.1	Pg	01:13:56.701	-0.9	T__	1172.4		___ ML	3.6	5105429	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04A	1.80	74.1	Lg	01:14:21.730	-0.7	T__			___		5105430	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
BUD	1.82	50.5	Lg	01:14:23.330	-0.0	T__			___		5105431	FDSN	HU	--	BUD	iLoc	BHE	???	_

ZST	1.85	3.0	Pn	01:13:54.149	0.2	T__	76632.0	---	ML	5.4	5105432	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 5.4 magdef=1)																				
(Station ML: 5.4 magdef=0)																				
A018A	1.90	318.1	Pn	01:13:55.504	0.6	T__	447.2	---	ML	3.2	5105433	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A018A	1.90	318.1	Pg	01:13:58.624	0.4	T__		---			5105434	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
A018A	1.90	318.1	Lg	01:14:24.350	1.7	T__		---			5105435	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 3.2 magdef=1)																				
(Station ML: 3.2 magdef=1)																				
HU21A	1.92	89.4	Pg	01:13:59.648	0.1	T__	874.0	---	ML	3.5	5105436	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU21A	1.92	89.4	Lg	01:14:27.000	0.9	T__		---			5105437	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.5 magdef=1)																				
(Station ML: 3.5 magdef=1)																				
A337A	1.98	16.3	Pg	01:14:00.639	-0.3	T__	1302.5	---	ML	3.7	5105438	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.7 magdef=1)																				
(Station ML: 3.7 magdef=1)																				
MODS	2.04	6.0	Pn	01:13:56.367	-0.3	T__		---			5105378	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
HU10A	2.06	42.5	Pn	01:13:57.070	0.5	T__	885.1	---	ML	3.6	5105439	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU10A	2.06	42.5	Pg	01:14:00.855	-1.6	T__		---			5105440	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.6 magdef=1)																				
(Station ML: 3.6 magdef=1)																				
HU01A	2.08	60.4	Pg	01:14:01.796	-1.6	T__	1255.2	---	ML	3.8	5105441	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU01A	2.08	60.4	Lg	01:14:30.741	-1.3	T__		---			5105442	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.8 magdef=1)																				
(Station ML: 3.8 magdef=1)																				
A005B	2.09	346.2	Pg	01:14:02.394	-0.0	T__	969.0	---	ML	3.6	5105443	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.6 magdef=1)																				
(Station ML: 3.6 magdef=1)																				
A008A	2.21	336.8	Pn	01:13:59.806	0.9	T__	292.0	---	ML	3.2	5105444	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A008A	2.21	336.8	Pg	01:14:04.835	0.5	T__		---			5105445	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.2 magdef=1)																				
(Station ML: 3.2 magdef=1)																				
MYKA	2.31	278.3	Pn	01:13:59.792	-1.2	T__	1.3	0.38	__e	ML	0.9	26226724	FDSN	IR	--	ISC	iLoc	???	???	_
MYKA	2.31	278.3	Lg	01:14:36.837	1.4	T__	34.5	0.50	___	ML	2.3	26226725	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 2.3 magdef=1)																				
(Station ML: 2.3 magdef=0)																				
FRGS	2.32	119.7	Pn	01:14:00.543	0.2	T__	0.4		___	ML	0.4	92336185	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	2.32	119.7	Pn	01:14:00.543	0.2	T__	364.2		___	ML	3.4	5105379	FDSN	SJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																				
(Station ML: 3.4 magdef=1)																				
A336A	2.35	35.6	Pn	01:14:01.046	0.4	T__	721.5		___	ML	3.7	5105446	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	2.35	35.6	Pg	01:14:06.672	-1.2	T__			___		5105447	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.7 magdef=1)																				
(Station ML: 3.7 magdef=1)																				
MOA	2.38	310.3	Pn	01:14:02.049	0.4	T__	3.5	0.10	__e	ML	1.4	26226722	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	2.38	310.3	Sn	01:14:30.708	0.6	T__	5.2	0.20	___	ML	1.5	26226723	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.5 magdef=1)																				
(Station ML: 1.5 magdef=0)																				
HU03A	2.39	48.2	Pn	01:14:01.389	0.3	T__	769.2		___	ML	3.7	5105448	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	2.39	48.2	Pg	01:14:07.414	-1.6	T__			___		5105449	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU03A	2.39	48.2	Lg	01:14:40.658	-1.4	T__			___		5105450	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 3.7 magdef=1)																				
(Station ML: 3.7 magdef=1)																				
BSZH	2.47	66.0	Pg	01:14:09.960	-1.1	T__	772.7		___	ML	3.8	5105451	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 3.8 magdef=1																	
(Station ML: 3.8 magdef=1																	
A006A	2.48	345.5	Pg	01:14:09.025	-0.7	T__		484.7	---	ML	3.6	5105452	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A006A	2.48	345.5	Lg	01:14:43.580	1.5	T__			---			5105453	FDSN Z3	00 BUD	iLoc	HHN ???	_
(Reading ML: 3.6 magdef=1																	
(Station ML: 3.6 magdef=1																	
PSZ	2.55	50.8	Pn	01:14:02.459	-1.2	T__		297.9	---	ML	3.4	5105454	FDSN GE	-- BUD	iLoc	BHZ BHZ	_
PSZ	2.55	50.8	Pg	01:14:03.468	-9.1	---			_c_			09853024	FDSN IR	-- ISC	iLoc	??? ???	_
(Reading ML: 3.4 magdef=1																	
(Station ML: 3.4 magdef=1																	
KBA	2.59	287.8	Pn	01:14:04.993	-0.3	T__		0.2	0.12	_e ML	0.2	26226719	FDSN IR	-- ISC	iLoc	??? ???	_
(Reading ML: 0.2 magdef=1																	
(Station ML: 0.2 magdef=0																	
HU23A	2.60	58.9	Pg	01:14:11.803	-1.9	T__		1647.3	---	ML	4.2	5105455	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
HU23A	2.60	58.9	Lg	01:14:47.769	-1.1	T__			---			5105456	FDSN ZJ	00 BUD	iLoc	HHN ???	_
(Reading ML: 4.2 magdef=1																	
(Station ML: 4.2 magdef=0																	
BIOA	2.64	301.9	Pn	01:14:05.469	-0.0	T__		3.9	0.10	_e ML	1.6	26226711	FDSN IR	-- ISC	iLoc	??? ???	_
BIOA	2.64	301.9	Sn	01:14:37.102	0.5	T__		15.3	0.32	_ ML	2.2	26226712	FDSN IR	-- ISC	iLoc	??? ???	_
(Reading ML: 2.2 magdef=1																	
(Station ML: 2.2 magdef=0																	
A332A	2.66	22.0	Pn	01:14:05.879	0.7	T__		353.0	---	ML	3.5	5105457	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A332A	2.66	22.0	Pg	01:14:12.484	-1.5	T__			---			5105458	FDSN Z3	00 BUD	iLoc	HHZ ???	_
(Reading ML: 3.5 magdef=1																	
(Station ML: 3.5 magdef=1																	
HU24A	2.95	77.4	Lg	01:15:00.915	1.4	T__			---			5105459	FDSN ZJ	00 BUD	iLoc	HHN ???	_
VRAC	2.98	355.4	Pn	01:14:09.416	-0.1	T__			_c_			09853025	FDSN IR	-- ISC	iLoc	??? ???	_
HU02A	3.01	52.5	Pn	01:14:09.436	-0.5	T__		198.5	---	ML	3.5	5105460	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
HU02A	3.01	52.5	Pg	01:14:19.793	-1.8	T__			---			5105461	FDSN ZJ	00 BUD	iLoc	HHZ ???	_
HU02A	3.01	52.5	Lg	01:15:01.949	-0.8	T__			---			5105462	FDSN ZJ	00 BUD	iLoc	HHN ???	_
(Reading ML: 3.5 magdef=1																	
(Station ML: 3.5 magdef=1																	
BANR	3.07	106.7	Pn	01:14:10.883	0.1	T__			_c_			09853026	FDSN IR	-- ISC	iLoc	??? ???	_
MAUC	3.08	10.7	Sn	01:14:46.800	-1.4	T__			_e			36827542	FDSN IR	-- ISC	iLoc	??? ???	_
ABTA	3.09	279.1	Pn	01:14:11.648	-0.3	T__		0.1	0.08	_i ML	0.2	26226707	FDSN IR	-- ISC	iLoc	??? ???	_
ABTA	3.09	279.1	Lg	01:15:01.197	1.3	T__		25.1	0.82	_ ML	2.6	26226708	FDSN IR	-- ISC	iLoc	??? ???	_
(Reading ML: 2.6 magdef=1																	
(Station ML: 2.6 magdef=0																	
TREC	3.11	342.0	Pn	01:14:11.900	0.3	T__			_e			36827545	FDSN IR	-- ISC	iLoc	??? ???	_
LESA	3.13	291.7	Pn	01:14:12.057	-0.6	T__		3.5	0.26	_i ML	1.8	26226720	FDSN IR	-- ISC	iLoc	??? ???	_
LESA	3.13	291.7	Sn	01:14:50.003	1.2	T__		5.7	0.26	_e ML	2.0	26226721	FDSN IR	-- ISC	iLoc	??? ???	_
(Reading ML: 2.0 magdef=1																	
(Station ML: 2.0 magdef=0																	
JOS	3.25	47.2	Pn	01:14:12.849	-0.2	T__		158.4	---	ML	3.5	5105463	FDSN ZJ	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.5 magdef=1																	
(Station ML: 3.5 magdef=1																	
SIRR	3.26	89.7	Pn	01:14:13.532	0.1	T__			_d_			09853027	FDSN IR	-- ISC	iLoc	??? ???	_
SIRR	3.26	89.7	Pg	01:14:23.748	-1.5	T__		142.6	---	ML	3.5	5105464	FDSN RO	-- BUD	iLoc	HHZ HHZ	_
SIRR	3.26	89.7	Lg	01:15:09.224	0.8	T__			---			5105465	FDSN RO	-- BUD	iLoc	HHE ???	_
(Reading ML: 3.5 magdef=1																	
(Station ML: 3.5 magdef=1																	
BZS	3.33	101.0	Pn	01:14:14.290	-0.1	T__		102.4	---	ML	3.4	5105466	FDSN RO	-- BUD	iLoc	HHZ HHZ	_
BZS	3.33	101.0	Pg	01:14:14.622	-10.5	---			_d_			09853028	FDSN IR	-- ISC	iLoc	??? ???	_

BZS	3.33	101.0	Pb	01:14:25.941	0.8	T__				5105467	FDSN	RO	--	BUD	iLoc	HHZ	???	_		
BZS	3.33	101.0	Lg	01:15:12.048	2.0	T__				5105468	FDSN	RO	--	BUD	iLoc	HHE	???	_		
(Reading ML: 3.4 magdef=1)																				
(Station ML: 3.4 magdef=1)																				
MORC	3.46	6.3	Pn	01:14:16.141	-0.2	T__				09853029	FDSN	IR	--	ISC	iLoc	???	???	_		
ABAH	3.51	54.6	Pn	01:14:17.320	0.7	T__	207.5		---	ML	3.8	5105469	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	3.51	54.6	Pg	01:14:28.175	-2.4	T__				---		5105470	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.8 magdef=1)																				
(Station ML: 3.8 magdef=1)																				
LTVH	3.55	71.2	Pg	01:14:30.129	-1.7	T__	284.1		---	ML	3.9	5105471	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.9 magdef=1)																				
(Station ML: 3.9 magdef=0)																				
KHC	3.60	322.0	Pn	01:14:19.800	1.6	T__				---		36827539	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	3.60	322.0	Sn	01:15:00.800	0.1	T__				---		36827540	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	3.60	322.0	Lg	01:15:13.800	-2.1	T__	20.5	0.40	---	ML	2.8	36827541	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 2.8 magdef=1)																				
(Station ML: 2.8 magdef=1)																				
ZVC	3.61	330.0	Pn	01:14:19.300	0.9	T__				---		36827546	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	3.69	113.4	Pn	01:14:19.509	-0.1	T__				---		09853030	FDSN	IR	--	ISC	iLoc	???	???	_
WTTA	3.77	286.0	Pn	01:14:21.900	0.3	T__	0.8	0.14	---	ML	1.4	26226737	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.4 magdef=1)																				
(Station ML: 1.4 magdef=0)																				
WATA	3.82	287.0	Pn	01:14:22.926	0.7	T__	1.1	0.20	---	ML	1.6	26226736	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.6 magdef=1)																				
(Station ML: 1.6 magdef=0)																				
PRU	3.99	337.0	Pn	01:14:24.200	0.5	T__				---		36827544	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	3.99	81.5	Pn	01:14:23.535	-0.3	T__				---		09853031	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	3.99	81.5	Pg	01:14:23.643	-16.2	---	183.2		---	ML	3.9	5105472	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	3.99	81.5	Pb	01:14:39.675	-0.2	T__				---		5105473	FDSN	RO	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.9 magdef=1)																				
(Station ML: 3.9 magdef=0)																				
DPC	4.03	354.2	Pn	01:14:24.300	-0.2	T__				---		36827537	FDSN	IR	--	ISC	iLoc	???	???	_
SQTA	4.04	284.6	Pn	01:14:24.799	-0.4	T__	0.4	0.14	---	ML	1.2	26226734	FDSN	IR	--	ISC	iLoc	???	???	_
SQTA	4.04	284.6	Sn	01:15:13.320	2.6	T__	3.6	0.24	---	ML	2.2	26226735	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 2.2 magdef=1)																				
(Station ML: 2.2 magdef=0)																				
HERR	4.10	108.9	Pn	01:14:25.468	0.2	T__				---		09853032	FDSN	IR	--	ISC	iLoc	???	???	_
DEV	4.16	94.2	Lg	01:15:38.835	3.4	T__				---		5105474	FDSN	RO	--	BUD	iLoc	HHE	???	_
GZR	4.18	101.1	Pn	01:14:26.128	-0.5	T__				---		09853033	FDSN	IR	--	ISC	iLoc	???	???	_
MESR	4.20	76.8	Pn	01:14:26.343	-0.1	T__				---		09853034	FDSN	IR	--	ISC	iLoc	???	???	_
TRPA	4.20	62.8	Pg	01:14:41.189	-2.6	T__	195.5		---	ML	3.9	5105475	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.9 magdef=1)																				
(Station ML: 3.9 magdef=0)																				
OSTC	4.24	353.6	Pn	01:14:27.400	-0.1	T__				---		36827543	FDSN	IR	--	ISC	iLoc	???	???	_
PDG	4.25	156.3	Pn	01:14:27.734	-0.2	T__				---		09853036	FDSN	IR	--	ISC	iLoc	???	???	_
MARR	4.27	83.3	Pn	01:14:27.592	-0.2	T__				---		09853035	FDSN	IR	--	ISC	iLoc	???	???	_
BOVS	4.32	127.1	Pn	01:14:28.580	0.3	T__				---		09853037	FDSN	IR	--	ISC	iLoc	???	???	_
FETA	4.34	281.2	Pn	01:14:30.329	0.8	T__	0.3	0.26	---	ML	1.2	26226717	FDSN	IR	--	ISC	iLoc	???	???	_
FETA	4.34	281.2	Sn	01:15:22.206	3.5	T__	3.8	0.58	---	ML	2.3	26226718	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 2.3 magdef=1)																				
(Station ML: 2.3 magdef=0)																				
RETA	4.40	287.3	Pn	01:14:31.202	1.4	T__	0.3	0.18	---	ML	1.2	26226728	FDSN	IR	--	ISC	iLoc	???	???	_
RETA	4.40	287.3	Sn	01:15:20.966	2.4	T__	3.0	0.48	---	ML	2.2	26226729	FDSN	IR	--	ISC	iLoc	???	???	_

(Reading ML: 2.2 magdef=1
 (Station ML: 2.2 magdef=0
 HSKC 4.87 332.5 Pn 01:14:35.900 -0.3 T__ _e 36827538 FDSN IR -- ISC iLoc ??? ??? _
 DAVA 4.95 283.5 Pn 01:14:37.148 -0.8 T__ 1.5 0.36 _e ML 2.0 26226715 FDSN IR -- ISC iLoc ??? ??? _
 DAVA 4.95 283.5 Sn 01:15:35.679 2.5 T__ _e FDSN IR -- ISC iLoc ??? ??? _
 (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
2020/01/06	12:19:04.74	4.35	1.89	46.9250	22.3475	40.6	7.1	168	0.0f	7	4	261	0.28	1.56	sx	BUD	16000008	BUD			312	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.6	3 BUD	16000008

Sta	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	118.0	Pg	12:19:10.594	-0.1					T__		96.8		_c_	ML	1.1	5111408	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.28	118.0	Lg	12:19:15.441	-0.1					T__				---		5111409	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
SIRR	0.81	216.0	Pg	12:19:21.050	-0.1					T__		35.1		---	ML	1.5	5111411	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.81	216.0	Lg	12:19:32.890	-0.6					T__				---		5111410	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
BZS	1.40	201.4	Pn	12:19:31.990	1.4					T__		48.3		---	ML	2.0	5111412	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	1.40	201.4	Sn	12:19:52.670	2.1					T__				---		5111413	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
GZR	1.56	168.8	Sn	12:19:57.621	2.8					T__				---		5111414	FDSN	RO	--	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	
2020/01/07	11:13:35.03	1.08	0.97	48.5509	20.7494	8.6	3.7	17	7.0	10.2	15	8	127	0.15	1.27	sx	BUD	16000010	BUD			162	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	7 BUD	16000010

Sta	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	248.5	Pg	11:13:38.117	-0.3					T__		391.7		---	ML	1.3	5118896	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	248.5	Lg	11:13:41.970	1.0					T__				---		5118899	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0																									
KECS	0.19	249.0	Pg	11:13:38.701	-0.4					T__		850.5		---	ML	1.8	5118886	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.19	249.0	Lg	11:13:41.953	-0.3					T__				---		5118887	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
ABAH	0.41	127.8	Pg	11:13:43.226	-0.1					T__		119.2		---	ML	1.5	5118888	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	127.8	Lg	11:13:50.349	0.0					T__				---		5118889	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
HU02A	0.45	199.3	Pg	11:13:44.278	-0.3					T__		69.1		---	ML	1.4	5118897	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	199.3	Lg	11:13:52.256	0.4					T__				---		5118898	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.85 222.4 Pg 11:13:53.178 0.2 T__ 81.1 ___ ML 1.9 5118890 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.85 222.4 Sn 11:14:05.791 -0.7 T__ ___ 5118891 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
NIE 0.92 341.3 Pn 11:13:55.329 1.9 T__ 33.1 ___ ML 1.5 5118892 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.92 341.3 Sn 11:14:06.206 -2.0 T__ ___ 5118893 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
LANS 1.04 305.8 Pn 11:13:54.445 -0.7 T__ 43.2 ___ ML 1.7 5118894 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 1.04 305.8 Lg 11:14:09.385 0.3 T__ ___ 5118895 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TRPA 1.27 108.7 Sn 11:14:16.128 -0.2 T__ ___ 5118900 FDSN HU -- BUD iLoc 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
2020/01/08 09:40:46.29 1.44 0.84 48.5585 20.7888 10.9 3.9 8 0.0f 13 7 129 0.18 1.24 sx BUD 16000012 BUD 219

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Magnitude Err Nsta Author OrigID
ML 1.8 0.3 7 BUD 16000012

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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 0.18 249.4 Pg 09:40:49.866 -0.2 T__ 370.2 ___ ML 1.4 5121349 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 249.4 Lg 09:40:53.871 0.9 T__ ___ 5121350 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
KECS 0.22 249.6 Pg 09:40:50.357 -0.5 T__ 1321.0 ___ ML 2.0 5121340 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.22 249.6 Lg 09:40:54.162 -0.2 T__ ___ 5121341 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ABAH 0.40 131.0 Pg 09:40:54.362 -0.1 T__ 105.4 ___ ML 1.4 5121342 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.40 131.0 Lg 09:41:01.864 0.4 T__ ___ 5121343 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.47 202.1 Pg 09:40:55.907 -0.4 T__ 96.9 ___ ML 1.6 5121351 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.47 202.1 Lg 09:41:03.622 -0.3 T__ ___ 5121352 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 0.88 223.4 Pn 09:41:04.821 -0.1 T__ 133.9 ___ ML 2.1 5121345 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.88 223.4 Lg 09:41:19.272 1.3 T__ ___ 5121346 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
NIE 0.92 339.7 Pn 09:41:06.839 1.2 T__ 68.1 ___ ML 1.8 5121344 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TRPA 1.24 109.5 Pn 09:41:09.223 -0.6 T__ 51.4 ___ ML 1.9 5121347 FDSN HU -- BUD iLoc BHZ BHZ _
TRPA 1.24 109.5 Sn 09:41:27.365 -1.4 T__ ___ 5121348 FDSN HU -- BUD iLoc BHN ??? _
(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
2020/01/09	09:31:04.48	1.18	1.04	48.0719	20.6873	7.0	4.0	161	0.0f	10	5	195		0.12	0.55	sx	BUD	16000014	BUD			267

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	16000014

Sta	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	294.9	Pg	09:31:07.259	-0.3					T__		632.2		___	ML	1.4	5124459	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.12	294.9	Lg	09:31:09.660	-0.5					T__				---		5124460	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
ABAH	0.43	58.5	Pg	09:31:13.519	0.1					T__		221.6		___	ML	1.8	5124455	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.43	58.5	Lg	09:31:20.076	-0.9					T__				---		5124456	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.43	342.0	Pg	09:31:13.808	0.5					T__		210.7		___	ML	1.8	5124453	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.43	342.0	Lg	09:31:20.526	0.5					T__				---		5124454	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.44	346.9	Pg	09:31:13.920	0.6					T__		343.8		___	ML	2.0	5124461	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.44	346.9	Lg	09:31:19.746	-0.4					T__				---		5124462	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	0.55	254.2	Pg	09:31:18.006	1.5					T__		212.7		___	ML	2.1	5124457	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.55	254.2	Lg	09:31:23.470	-1.8					T__				---		5124458	FDSN	GE	--	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
2020/01/09	10:58:25.41	1.21	0.62	48.5229	20.7703	8.8	3.7	12	0.0f	13	8	126		0.16	1.81	sx	BUD	16000016	BUD			144

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	7 BUD	16000016

Sta	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	260.1	Pg	10:58:28.552	-0.2					T__		697.2		___	ML	1.6	5125170	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	260.1	Lg	10:58:31.956	0.6					T__				---		5125171	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
KECS	0.19	258.2	Pg	10:58:29.100	-0.4					T__		2870.3		___	ML	2.3	5125162	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.19	258.2	Lg	10:58:32.982	0.3					T__				---		5125163	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
ABAH	0.39	125.8	Pg	10:58:33.464	0.1					T__		174.5		___	ML	1.6	5125164	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	125.8	Lg	10:58:39.565	-0.6					T__				---		5125165	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.43	202.3	Pg	10:58:34.495	-0.1					T__		163.0		___	ML	1.7	5125172	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.43	202.3	Lg	10:58:41.978	0.2					T__				---		5125173	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.84	224.4	Pg	10:58:43.217	0.0					T__		188.1		___	ML	2.2	5125166	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_

```

PSZ 0.84 224.4 Lg 10:58:55.868 -0.0 T__ --- 5125167 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
NIE 0.95 341.1 Pn 10:58:45.467 0.3 T__ 118.3 --- ML 2.1 5125168 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
TRPA 1.24 107.7 Sn 10:59:06.635 -1.2 T__ --- 5125174 FDSN HU -- BUD iLoc HHZ ??? _
OJC 1.81 339.9 Pn 10:58:58.565 1.1 T__ 268.8 --- ML 2.9 5125169 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 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
2020/01/10 10:26:41.98 1.04 0.67 48.5367 20.7828 6.4 3.7 12 0.0f 15 8 128 0.17 1.24 sx BUD 16000018 BUD 212

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Magnitude Err Nsta Author OrigID
ML 1.8 0.3 7 BUD 16000018

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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 0.17 255.9 Pg 10:26:45.511 -0.0 T__ 297.4 --- ML 1.2 5125364 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 255.9 Lg 10:26:49.093 0.7 T__ --- 5125365 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.20 255.0 Pg 10:26:45.973 -0.3 T__ 1522.4 --- ML 2.1 5125354 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.20 255.0 Lg 10:26:50.123 0.5 T__ --- 5125355 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
ABAH 0.39 128.2 Pg 10:26:50.149 0.2 T__ 119.9 --- ML 1.5 5125356 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 128.2 Lg 10:26:56.352 -0.4 T__ --- 5125357 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.45 202.6 Pg 10:26:51.512 -0.0 T__ 66.9 --- ML 1.4 5125366 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 202.6 Lg 10:26:58.219 -0.6 T__ --- 5125367 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.86 224.2 Pg 10:26:59.951 -0.1 T__ 98.5 --- ML 2.0 5125361 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.86 224.2 Lg 10:27:12.745 -0.2 T__ --- 5125358 FDSN GE -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 0.94 340.3 Pn 10:27:01.740 0.2 T__ 64.1 --- ML 1.8 5125359 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.94 340.3 Lg 10:27:12.514 -0.5 T__ --- 5125360 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A336A 1.23 256.3 Sn 10:27:24.331 0.5 T__ --- 5125368 FDSN Z3 00 BUD iLoc HH3 ??? _
TRPA 1.24 108.5 Pn 10:27:06.784 1.3 T__ 38.0 --- ML 1.8 5125362 FDSN HU -- BUD iLoc BHZ BHZ _
TRPA 1.24 108.5 Sn 10:27:23.087 -1.2 T__ --- 5125363 FDSN HU -- BUD iLoc BHE ??? _
(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
2020/01/13 05:37:29.45 2.23 0.91 46.7490 22.7662 21.3 7.4 89 0.0f 8 4 221 0.06 1.39 sx BUD 16000022 BUD 301

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.5 4 BUD 16000022

Sta	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	318.4	Pg	05:37:30.833	-0.2					T__		171.0		---	ML	0.7 5131143	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.06	318.4	Lg	05:37:32.772	0.2					T__				---		5131144	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
SIRR	0.90	238.2	Pg	05:37:47.382	-0.3					T__		44.9		---	ML	1.7 5131146	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.90	238.2	Lg	05:38:01.231	0.4					T__				---		5131145	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
GZR	1.36	179.7	Pn	05:37:55.484	0.4					T__		127.2		---	ML	2.4 5131147	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.36	179.7	Lg	05:38:13.903	-0.1					T__				---		5131148	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.4 magdef=1)																								
(Station ML: 2.4 magdef=1)																								
BZS	1.39	215.6	Pn	05:37:56.925	1.8					T__		58.8		---	ML	2.0 5131150	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	1.39	215.6	Sn	05:38:15.495	0.7					T__				---		5131149	FDSN	RO	--	BUD	iLoc	BHE	???	_
(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
2020/01/13	09:54:52.06	1.20	0.57	48.5818	20.7922	7.6	4.0	12	0.0f		13	7	166	0.19	1.25	sx	BUD	16000024	BUD		226	

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 7 BUD 16000024

Sta	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	243.0	Pg	09:54:56.111	0.1					T__		495.9		---	ML	1.5 5131211	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	243.0	Lg	09:54:59.965	0.8					T__				---		5131212	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
KECS	0.23	244.3	Pg	09:54:56.627	-0.2					T__		865.1		---	ML	1.9 5131204	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.23	244.3	Lg	09:55:00.953	0.5					T__				---		5131205	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
ABAH	0.41	133.7	Pg	09:55:00.625	0.1					T__		188.6		---	ML	1.7 5131206	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	133.7	Lg	09:55:07.967	0.3					T__				---		5131210	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
HU02A	0.49	201.3	Pg	09:55:02.255	-0.2					T__		89.3		---	ML	1.6 5131213	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	201.3	Lg	09:55:09.855	-0.6					T__				---		5131214	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
PSZ	0.89	222.4	Pn	09:55:10.024	-0.9					T__		151.8		---	ML	2.2 5131207	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.89	222.4	Lg	09:55:24.115	-0.2					T__				---		5131208	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								
LANS	1.04	303.6	Pg	09:55:12.351	-0.3					T__		39.4		---	ML	1.7 5131209	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								


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TRPA 1.25 110.5 Pn 09:55:16.098 0.4 T__ 216.4 ___ ML 2.5 5131216 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.25 110.5 Sn 09:55:33.820 -0.8 T__ ___ 5131215 FDSN HU -- BUD iLoc HHN ??? _
(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
2020/01/13 13:25:59.71 1.36 1.11 47.7117 20.1179 13.6 6.0 176 0.0 0.0 8 0 272 0.26 0.95 kx BUD 16000026 BUD
2020/01/13 13:26:00.44 1.02 1.15 47.8650 20.1529f 0.0f 8 5 228 0.18 0.85 kx BUD_GT 16000027 BUD 320
(locality : Kiszána Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.4 0.2 3 BUD 16000027

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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 0.18 287.2 Pg 13:26:05.537 0.6 T__ 373.4 ___ ML 1.4 4649826 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.18 287.2 Lg 13:26:07.594 -1.0 T__ ___ 4649827 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.36 44.0 Pg 13:26:08.671 0.4 T__ 82.7 ___ ML 1.2 4649829 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 13:26:13.617 -0.8 T__ ___ 4649830 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.66 19.7 Sn 13:26:26.263 -1.9 T__ ___ 4649831 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.68 22.1 Pg 13:26:14.289 0.2 T__ 96.3 ___ ML 1.9 4649832 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Sn 13:26:26.900 -1.8 T__ ___ 4649833 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ABAH 0.85 59.0 Sn 13:26:32.417 -0.3 T__ ___ 4649828 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
2020/01/14 09:47:55.94 1.02 0.13 46.1364 18.3129 10.6 3.4 160 1.3 15.2 6 4 181 0.16 1.16 sx BUD 16000028 BUD 262

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Magnitude Err Nsta Author OrigID
ML 1.2 0.3 2 BUD 16000028

```

```

Sta 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 0.16 252.1 Pg 09:47:59.468 0.1 T__ 493.8 ___ ML 1.4 5132368 FDSN HU -- BUD iLoc BHZ BHZ _
KOVH 0.16 252.1 Lg 09:48:01.868 -0.1 T__ ___ 5132369 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MORH 0.24 71.0 Pg 09:48:01.068 0.0 T__ 100.6 ___ ML 1.0 5132371 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 0.24 71.0 Lg 09:48:04.828 -0.1 T__ ___ 5132372 FDSN HU -- BUD iLoc BHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A266A 0.39 355.1 Lg 09:48:09.744 -0.0 T__ ___ 5132373 FDSN Z3 00 BUD iLoc HHE ??? _
MPLH 1.16 333.0 Lg 09:48:35.331 -0.0 T__ ___ 5132370 FDSN HU -- 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
2020/01/14	11:08:22.80	1.10	1.39	47.3790	18.3994	5.9	5.3	2	0.0f	11	8	84	0.10	1.18	sx	BUD	16000030	BUD			147	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	3 BUD	16000030

Sta	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	260.5	Pg	11:08:24.341	-1.0					T__		2916.8		___	ML	2.0	5132422	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	260.5	Lg	11:08:26.541	-1.3					T__				---		5132414	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU09A	0.26	357.5	Lg	11:08:33.892	0.5					T__				---		5132423	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A271A	0.37	127.0	Lg	11:08:37.311	-0.0					T__				---		5132424	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
TIH	0.59	216.0	Lg	11:08:44.838	1.0					T__				---		5132418	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
MPLH	0.62	250.7	Pg	11:08:36.325	0.8					T__	116.1			---	ML	1.9	5132415	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.62	250.7	Lg	11:08:45.634	0.6					T__				---		5132416	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
EGYH	0.73	273.4	Lg	11:08:50.641	2.1					T__				---		5132419	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.15	61.4	Sn	11:09:01.294	-1.8					T__				---		5132417	FDSN	GE	--	BUD	iLoc	BHN	???	_	
MORH	1.18	171.7	Pn	11:08:45.808	0.6					T__	29.0			---	ML	1.6	5132420	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.18	171.7	Sn	11:09:01.340	-1.6					T__				---		5132421	FDSN	HU	--	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
2020/01/14	11:23:56.85	1.21	1.25	47.3410	18.3948	7.8	5.0	97	0.0f	8	7	111	0.09	1.28	sx	BUD	16000032	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	
CSKK	0.09	283.7	Pg	11:23:59.374	-0.0					T__		3400.1		___	ML	2.1	5132494	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	283.7	Lg	11:24:00.825	-1.1					T__				---		5132489	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
HU09A	0.30	358.4	Lg	11:24:08.463	-0.3					T__				---		5132495	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.61	254.0	Pg	11:24:10.655	1.3					T__	114.8			---	ML	1.9	5132493	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
A336A	0.98	24.3	Lg	11:24:31.904	-0.1					T__				---		5132496	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
MORH	1.14	171.3	Lg	11:24:34.658	-1.3					T__				---		5132491	FDSN	HU	--	BUD	iLoc	BHE	???	_	
PSZ	1.17	59.8	Sn	11:24:37.705	0.1					T__				---		5132490	FDSN	GE	--	BUD	iLoc	BHN	???	_	
MODS	1.28	324.3	Sn	11:24:38.592	-1.8					T__				---		5132492	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	
2020/01/16	09:07:10.34	0.55	0.66	48.0650	20.6914	6.8	4.1	157	0.0	0.0	9	0	197	0.13	0.56	kx	BUD	16000034	BUD				
2020/01/16	09:07:08.81	0.94	0.65	48.0750	20.6990f				0.0f		9	5	195	0.13	0.56	kx	BUD_GT	16000035	BUD			268	

(locality : Miskolc-Mexikóvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 4 BUD 16000035

Sta	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	09:07:11.613	-0.4					T__		661.5		---	ML	1.5	5136157	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	09:07:14.266	-0.5					T__				---		5136158	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.42	58.4	Pg	09:07:18.378	0.8					T__		89.2		---	ML	1.4	5136152	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.42	58.4	Lg	09:07:24.714	-0.3					T__				---		5136153	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.43	340.8	Lg	09:07:24.610	0.2					T__				---		5136154	FDSN	SK	--	iLoc	BUD	EHE	???	_	
JOS	0.43	345.9	Pg	09:07:17.968	0.3					T__		116.5		---	ML	1.6	5136160	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.43	345.9	Lg	09:07:24.386	-0.0					T__				---		5136159	FDSN	ZJ	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.56	254.1	Pg	09:07:21.356	0.4					T__		80.9		---	ML	1.7	5136156	FDSN	GE	--	iLoc	BUD	BHZ	BHZ	_
PSZ	0.56	254.1	Lg	09:07:28.453	-1.4					T__				---		5136155	FDSN	GE	--	iLoc	BUD	BHE	???	_	
(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
2020/01/16	10:12:08.66	0.36	2.33	46.9333	17.3040	4.2	3.7	116	0.0	0.0	9	0	114	0.11	1.17	kx	BUD	16000036	BUD			
2020/01/16	10:12:04.56	0.98	1.53	46.8548	17.2699f				0.0f		8	6	176	0.13	1.14	kx	BUD_GT	16000037	BUD			247
(locality : Vársvölgy Hungary)																						
(description : known quarry blast)																						
(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	
A261A	0.13	319.5	Pg	10:12:07.571	-0.2					T__		5150.8		---	ML	2.4	4655419	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	319.5	Lg	10:12:13.517	3.1					T__				---		4655420	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
A263A	0.22	171.8	Lg	10:12:21.230	8.0					---				---		4655421	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.37	30.2	Pg	10:12:11.325	-1.1					T__		246.1		---	ML	1.7	4655414	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.37	30.2	Lg	10:12:18.042	-0.5					T__				---		4655415	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
HU08A	0.73	37.5	Lg	10:12:30.965	-0.3					T__				---		4655422	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
CSKK	0.85	52.7	Lg	10:12:35.699	0.0					T__				---		4655416	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	0.96	142.9	Lg	10:12:38.953	1.5					T__				---		4655417	FDSN	HU	--	BUD	iLoc	BHE	???	_	
MORH	1.14	123.5	Sn	10:12:45.255	1.8					T__				---		4655418	FDSN	HU	--	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
2020/01/16	10:52:39.31	1.00	1.37	47.5508	16.3475	7.2	4.1	5	0.0f		17	10	127	0.19	1.51	sx	BUD	16000038	BUD			168

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 5 BUD 16000038

Sta	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	0.19	47.0	Pg	10:52:42.640	-0.9					T__		145.5		___	ML	1.0	5136908	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.19	47.0	Lg	10:52:45.405	-1.3					T__				---		5136909	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=0)																									
CONA	0.50	319.2	Pg	10:52:48.882	-0.5					T__		137.6		___	ML	1.8	5136904	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.50	319.2	Lg	10:52:56.494	0.4					T__				---		5136905	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
ARSA	0.64	242.1	Lg	10:52:58.114	-1.5					T__				---		5136906	FDSN	OE	--	BUD	iLoc	BHE	???	_	
EGYH	0.68	101.0	Lg	10:53:03.676	0.2					T__				---		5136914	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A013A	0.82	309.3	Pg	10:52:55.128	0.1					T__		134.7		___	ML	2.1	5136915	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.82	309.3	Lg	10:53:06.692	1.1					T__				---		5136916	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																									
A018A	0.88	283.1	Pg	10:52:56.948	0.6					T__		79.3		___	ML	1.9	5136917	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.88	283.1	Lg	10:53:09.147	1.7					T__				---		5136918	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
MPLH	0.90	114.7	Lg	10:53:11.845	1.3					T__				---		5136907	FDSN	HU	--	BUD	iLoc	BHN	???	_	
MODS	1.03	36.9	Pg	10:53:01.085	0.8					T__				---		5136911	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.03	36.9	Sn	10:53:14.307	-1.8					T__				---		5136910	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A007A	1.29	335.1	Pg	10:53:03.748	-0.3					T__		115.8		___	ML	2.3	5136919	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A007A	1.29	335.1	Sn	10:53:19.243	-2.9					T__				---		5136920	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0)																									
KRUC	1.51	1.2	Pn	10:53:07.717	0.6					T__				---		5136913	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
KRUC	1.51	1.2	Sn	10:53:26.090	-1.4					T__				---		5136912	FDSN	CZ	--	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
2020/01/16 11:45:53.19 0.89 1.13 47.3849 18.3753 5.4 3.0 139 0.0f 18 14 108 0.08 1.63 sx BUD 16000040 BUD 108

Magnitude Err Nsta Author OrigID
ML 2.1 0.1 4 BUD 16000040

Sta	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	254.4	Pg	11:45:55.169	-0.3					T__		3015.3		___	ML	2.0	5137027	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	254.4	Lg	11:45:56.908	-0.9					T__				---		5137020	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																									
HU09A	0.25	1.1	Lg	11:46:03.285	-0.3					T__				---		5137028	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.31	278.8	Lg	11:46:05.253	-0.2					T__				---		5137029	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
A267A	0.44	170.5	Lg	11:46:09.593	-0.4					T__				---		5137030	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MPLH	0.61	249.6	Lg	11:46:14.427	-0.6					T__				---		5137021	FDSN	HU	--	BUD	iLoc	BHE	???	_	
HU10A	0.63	43.1	Pg	11:46:06.311	-0.1					T__		117.5		___	ML	1.9	5137031	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.63	43.1	Lg	11:46:16.446	-0.4					T__				---		5137032	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
EGYH	0.71	273.0	Lg	11:46:20.958	2.6					T__				---		5137033	FDSN	HU	--	BUD	iLoc	HHE	???	_	

A266A	0.86	185.1	Lg	11:46:24.501	1.4	T__									5137034	FDSN	Z3	00	BUD	iLoc	HHE	???	_
A336A	0.95	26.1	Pg	11:46:13.383	0.9	T__				137.8					5137035	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.95	26.1	Lg	11:46:26.400	-0.7	T__									5137036	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=1)																							
PSZ	1.16	62.0	Pn	11:46:16.123	0.4	T__				114.5					5137023	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.16	62.0	Sn	11:46:32.499	-1.2	T__									5137022	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=1)																							
MORH	1.18	171.0	Sn	11:46:32.361	-1.2	T__									5137024	FDSN	HU	--	BUD	iLoc	BHE	???	_
MODS	1.23	323.6	Sn	11:46:33.849	-1.8	T__									5137025	FDSN	SK	--	BUD	iLoc	HHE	???	_
KOVH	1.31	188.4	Sn	11:46:36.204	-0.5	T__									5137026	FDSN	HU	--	BUD	iLoc	BHN	???	_
HU02A	1.63	62.3	Sn	11:46:45.923	1.1	T__									5137037	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
2020/01/16	12:59:36.49	1.02	0.46	48.0096	20.1409	12.1	3.3	145	0.0f		7	4	174	0.19	0.55	sx	BUD	16000042	BUD			319

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.4	3 BUD	16000042

Sta	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	241.2	Pg	12:59:41.281	0.2					T__		100.4			ML	0.8	5137072	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.19	241.2	Lg	12:59:44.466	-0.3					T__						5137073	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
HU02A	0.28	66.2	Pg	12:59:43.006	0.2					T__		111.0			ML	1.1	5137074	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.28	66.2	Lg	12:59:47.285	-0.5					T__						5137075	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.53	25.8	Lg	12:59:54.828	-0.5					T__						5137078	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.55	28.6	Pg	12:59:48.043	0.4					T__		89.0			ML	1.8	5137076	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	28.6	Lg	12:59:55.954	-0.3					T__						5137077	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
2020/01/17	08:54:10.88	0.93	0.81	47.0988	18.0689	6.5	3.3	104	0.0f		11	7	115	0.23	1.01	sx	BUD	16000044	BUD			138

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	4 BUD	16000044

Sta	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	211.3	Pg	08:54:16.162	0.1					T__		1018.4			ML	2.0	5138901	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.23	211.3	Lg	08:54:20.823	0.6					T__						5138902	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CSKK	0.29	26.2	Pg	08:54:17.451	0.1					T__		183.7			ML	1.4	5138904	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.29	26.2	Lg	08:54:22.534	-0.4					T__						5138897	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

HU08A	0.35	343.5	Pg	08:54:19.033	0.7	T__	151.9	---	ML	1.4	5138905	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.35	343.5	Lg	08:54:23.750	-0.8	T__		---			5138906	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
MPLH	0.37	281.4	Lg	08:54:23.832	-1.1	T__		---			5138898	FDSN	HU	--	BUD	iLoc	BHN	???	_
MORH	0.97	155.7	Pn	08:54:31.097	0.7	T__	25.3	---	ML	1.4	5138899	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.97	155.7	Lg	08:54:44.198	-0.2	T__		---			5138900	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
HU10A	0.99	40.4	Sn	08:54:45.854	-0.9	T__		---			5138907	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
KOVH	1.01	178.8	Lg	08:54:45.098	-1.1	T__		---			5138903	FDSN	HU	--	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
2020/01/17	09:32:03.44	1.28	0.57	47.9982	20.3662	12.2	3.8	146	0.0f		8	5	193	0.16	0.66	sx	BUD	16000046	BUD		306	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	3 BUD	16000046

Sta	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	0.16	40.6	Pg	09:32:07.522	0.2					T__		313.6		---	ML	1.3	5138947	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.16	40.6	Lg	09:32:10.659	-0.0					T__				---		5138948	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.33	256.0	Pg	09:32:10.916	0.1					T__	103.5		---	ML	1.2	5138944	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.33	256.0	Lg	09:32:16.386	-0.1					T__			---		5138943	FDSN	GE	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.49	9.3	Lg	09:32:20.056	-1.0					T__			---		5138945	FDSN	SK	--	BUD	iLoc	EHE	???	_		
JOS	0.51	13.0	Pg	09:32:14.227	0.5					T__	104.6		---	ML	1.7	5138949	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.51	13.0	Lg	09:32:21.813	0.1					T__			---		5138950	FDSN	ZJ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.66	62.7	Lg	09:32:27.119	-0.6					T__			---		5138946	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
2020/01/17	11:37:38.57	1.61	0.69	48.5498	20.8002	12.5	3.9	11	0.0f		9	5	238	0.18	0.88	sx	BUD	16000048	BUD		310	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	5 BUD	16000048

Sta	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	252.8	Pg	11:37:42.519	0.1					T__		175.1		---	ML	1.0	5138997	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	252.8	Lg	11:37:46.471	1.0					T__				---		5138998	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
KECS	0.22	252.4	Pg	11:37:42.985	-0.2					T__	214.4		---	ML	1.2	5138992	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.22	252.4	Lg	11:37:46.170	-0.6					T__			---		5138993	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.39	130.8	Pg	11:37:46.793	0.2					T__		151.2		---	ML	1.6	5138995	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

```

ABAH  0.39 130.8 Lg      11:37:52.783 -0.6      T__          ---          5138994      FDSN HU      -- BUD      iLoc      HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A  0.47 203.3 Pg      11:37:48.643  0.2      T__          52.5      --- ML      1.3 5138999      FDSN ZJ      00 BUD      iLoc      HHZ HHZ _
HU02A  0.47 203.3 Lg      11:37:55.761 -0.3      T__          ---          5139000      FDSN ZJ      00 BUD      iLoc      HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ   0.88 224.1 Pn      11:37:56.245 -0.9      T__          94.3      --- ML      2.0 5138996      FDSN GE      -- BUD      iLoc      BHZ BHZ _
(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
2020/01/21 09:58:09.27  1.34  0.51  48.5413  20.7672  10.0  3.7  8  0.0f      13  7 127  0.16  1.25  sx BUD      16000050      BUD      DPdep      215

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Magnitude  Err Nsta Author      OrigID
ML      1.8 0.2  7 BUD      16000050

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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      0.16 253.3 Pg      09:58:12.644 -0.0      T__          378.2      --- ML      1.3 5154558      FDSN ZJ      -- BUD      iLoc      HHZ HHZ _
JOS      0.16 253.3 Lg      09:58:15.605  0.3      T__          ---          5154559      FDSN ZJ      -- BUD      iLoc      HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
KECS     0.20 252.9 Pg      09:58:13.096 -0.3      T__          973.3      --- ML      1.8 5154551      FDSN SK      -- BUD      iLoc      EHE EHZ _
KECS     0.20 252.9 Lg      09:58:16.982  0.3      T__          ---          5154552      FDSN SK      -- BUD      iLoc      EHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH     0.40 127.8 Pg      09:58:17.669  0.2      T__          166.3      --- ML      1.6 5154553      FDSN HU      -- BUD      iLoc      HHZ HHZ _
ABAH     0.40 127.8 Lg      09:58:23.822 -0.6      T__          ---          5154554      FDSN HU      -- BUD      iLoc      HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A   0.45 201.2 Pg      09:58:18.664 -0.2      T__          67.6      --- ML      1.4 5154560      FDSN ZJ      00 BUD      iLoc      HHZ HHZ _
HU02A   0.45 201.2 Lg      09:58:26.391  0.2      T__          ---          5154561      FDSN ZJ      00 BUD      iLoc      HHZ ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ      0.85 223.4 Pg      09:58:27.533  0.2      T__          93.7      --- ML      1.9 5154557      FDSN GE      -- BUD      iLoc      BHZ BHZ _
PSZ      0.85 223.4 Lg      09:58:40.022 -0.1      T__          ---          5154555      FDSN GE      -- BUD      iLoc      BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE      0.93 340.8 Pn      09:58:28.810  0.1      T__          67.8      --- ML      1.8 5154556      FDSN PL      -- BUD      iLoc      BHZ BHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TRPA     1.25 108.5 Pn      09:58:33.125  0.2      T__          132.2      --- ML      2.3 5154562      FDSN HU      -- BUD      iLoc      HHZ HHZ _
TRPA     1.25 108.5 Sn      09:58:50.569 -1.3      T__          ---          5154563      FDSN HU      -- 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
2020/01/22 10:17:35.98  0.35  0.80  48.2707  21.2285  5.6  3.3 172  0.0  0.0  12  0 150  0.03  1.46  kx BUD      16000054      BUD      DPdep
2020/01/22 10:17:34.19  0.91  1.02  48.2470  21.2460f  0.0f      12  7 153  0.05  1.49  kx BUD_GT  16000055      BUD      DPdep      255
(locality : Tálya Hungary)

```

(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 2.1 0.2 6 BUD 16000055

Sta	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	10:17:36.074	0.3					T__		11181.0		___	ML	2.5	5155055	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	10:17:37.101	-0.3					T__				---		5155056	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=0)																									
HU02A	0.50	255.8	Lg	10:17:52.558	-0.3					T__				---		5155063	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
JOS	0.53	298.1	Pg	10:17:45.200	0.3					T__		96.3		---	ML	1.8	5155064	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	10:17:52.313	-0.8					T__				---		5155065	FDSN	ZJ	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
KECS	0.56	295.3	Pg	10:17:45.740	0.3					T__		158.8		---	ML	2.0	5155057	FDSN	SK	--	iLoc	BUD	EHN	EHZ	_
KECS	0.56	295.3	Lg	10:17:52.378	-1.6					T__				---		5155058	FDSN	SK	--	iLoc	BUD	EHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
TRPA	0.87	97.2	Pg	10:17:51.787	0.6					T__		59.0		---	ML	1.8	5155059	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
TRPA	0.87	97.2	Lg	10:18:05.424	-0.2					T__				---		5155066	FDSN	HU	--	iLoc	BUD	BHZ	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
PSZ	0.96	250.6	Pn	10:17:53.745	-0.3					T__		162.3		---	ML	2.2	5155060	FDSN	GE	--	iLoc	BUD	BHZ	BHZ	_
PSZ	0.96	250.6	Lg	10:18:07.628	-1.3					T__				---		5155061	FDSN	GE	--	iLoc	BUD	BHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
LANS	1.49	308.2	Pn	10:18:03.789	2.4					T__		57.9		---	ML	2.1	5155062	FDSN	SK	--	iLoc	BUD	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
2020/01/22	10:23:01.49	1.89	1.11	47.3545	18.4251	14.6	5.5	148	0.0f		7	6	112	0.11	1.15	sx	BUD	16000056	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	
CSKK	0.11	274.4	Pg	10:23:04.324	-0.1					T__		1426.1		---	ML	1.8	5155111	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
CSKK	0.11	274.4	Lg	10:23:05.875	-1.3					T__				---		5155105	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.29	354.2	Lg	10:23:12.719	-0.3					T__				---		5155108	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU08A	0.35	282.9	Lg	10:23:16.685	1.6					T__				---		5155109	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU10A	0.63	39.1	Lg	10:23:25.259	0.1					T__				---		5155110	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	1.14	59.9	Sn	10:23:42.363	0.7					T__				---		5155107	FDSN	GE	--	BUD	iLoc	BHE	???	_	
MORH	1.15	172.4	Sn	10:23:41.396	0.4					T__				---		5155106	FDSN	HU	--	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
2020/01/22	10:36:33.84	1.95	0.37	46.0099	17.9300	18.6	7.7	33	0.0	0.0	4	0	279	0.54	1.19	kx	BUD	16000058	BUD			
2020/01/22	10:36:35.16	1.17	1.14	46.1204	18.0243f				0.0f		4	3	265	0.44	1.10	kx	BUD_GT	16000059	BUD			320

(locality : Bükkösd Hungary)

(description : known quarry blast)
 (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	
A266A	0.44	22.3	Lg	10:36:52.224	0.7					T__						5155137	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
MORH	0.44	77.4	Pg	10:36:44.549	0.1					T__		19.2		---	ML	0.8	5155134	FDSN	HU	--	BUD	ISC	BHZ	BHZ	_
MORH	0.44	77.4	Lg	10:36:50.452	-1.1					T__						5155135	FDSN	HU	--	BUD	ISC	BHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
MPLH	1.10	342.5	Sn	10:37:11.725	-1.5					T__						5155136	FDSN	HU	--	BUD	ISC	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/01/24	08:47:22.95	1.09	0.65	48.2879	21.4662	23.2	5.1	10	18.7	8.3	10	6	173	0.15	1.12	sx	BUD	16000060	BUD			322

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	16000060

Sta	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	273.2	Pg	08:47:27.822	0.3					T__		656.6		---	ML	1.5	5169649	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.15	273.2	Lg	08:47:30.621	-0.5					T__						5169650	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.65	255.6	Pn	08:47:35.295	-0.8					T__		63.6		---	ML	1.7	5169657	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.65	255.6	Sn	08:47:47.143	0.4					T__						5169658	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.65	289.0	Pg	08:47:36.481	0.4					T__		83.1		---	ML	1.8	5169655	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	289.0	Sn	08:47:46.481	-0.0					T__						5169656	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.68	287.0	Lg	08:47:45.939	-0.5					T__						5169651	FDSN	SK	--	BUD	iLoc	EHE	???	_	
TRPA	0.73	102.0	Pg	08:47:37.644	0.3					T__		29.9		---	ML	1.4	5169653	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.73	102.0	Lg	08:47:47.415	-0.9					T__						5169652	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	1.12	251.2	Lg	08:48:02.122	0.2					T__						5169654	FDSN	GE	--	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
2020/01/24	09:49:12.87	0.90	1.11	48.5051	20.7450	4.5	3.3	16	0.0f		15	9	84	0.14	1.34	sx	BUD	16000062	BUD			124

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	7 BUD	16000062

Sta	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	266.2	Pg	09:49:15.621	-0.2					T__		506.8		---	ML	1.4	5169756	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	266.2	Lg	09:49:19.202	1.0					T__						5169757	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									

KECS	0.17	262.9	Pg	09:49:16.170	-0.4	T__	1462.4	___	ML	1.9	5169748	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(Reading ML: 1.9 magdef=1)																			
KECS	0.17	262.9	Lg	09:49:19.111	-0.4	T__		---			5169751	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML: 1.9 magdef=0)																			
ABAH	0.39	122.2	Pg	09:49:20.885	-0.0	T__	106.9	---	ML	1.4	5169746	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	122.2	Lg	09:49:26.671	-1.1	T__		---			5169747	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
HU02A	0.41	201.1	Pg	09:49:21.641	-0.0	T__	95.5	---	ML	1.4	5169758	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.41	201.1	Lg	09:49:29.141	0.7	T__		---			5169759	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
PSZ	0.82	224.4	Lg	09:49:43.822	1.3	T__		---			5169749	FDSN	GE	--	BUD	iLoc	BHE	???	_
NIE	0.96	342.4	Pg	09:49:31.746	0.7	T__	65.2	---	ML	1.8	5169753	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.96	342.4	Lg	09:49:46.118	1.5	T__		---			5169752	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
LANS	1.06	307.9	Pg	09:49:31.926	-1.9	T__	44.3	---	ML	1.7	5169754	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
TRPA	1.25	106.7	Pn	09:49:36.357	-0.2	T__	38.7	---	ML	1.8	5169755	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.8 magdef=1)																			
TRPA	1.25	106.7	Sn	09:49:53.607	-1.9	T__		---			5169750	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML: 1.8 magdef=1)																			
STZU	1.34	66.9	Pg	09:49:38.150	-0.2	T__		---			5169760	FDSN	UA	--	BUD	iLoc	MHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/01/27	09:07:01.44	1.14	0.60	48.4681	20.7296	13.9	3.6	17	0.0f		7	4	194	0.13	0.78	sx	BUD	16000064	BUD		303	

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	3 BUD	16000064

Sta	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	282.4	Pg	09:07:04.036	-0.2					T__		119.3		---	ML	0.7	5189964	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.13	282.4	Lg	09:07:07.626	1.1					T__				---		5189965	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
KECS	0.16	275.4	Pg	09:07:04.715	-0.2					T__	267.4			---	ML	1.2	5189959	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.16	275.4	Lg	09:07:07.463	-0.3					T__				---		5189960	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.38	116.7	Pg	09:07:09.346	0.0					T__	80.9			---	ML	1.3	5189962	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	116.7	Lg	09:07:15.809	-0.2					T__				---		5189961	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.78	225.8	Lg	09:07:30.211	0.2					T__				---		5189963	FDSN	GE	--	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
2020/01/27	10:10:52.22	1.94	1.51	47.7692	19.0627	14.3	4.3	27	0.0f		12	7	165	0.08	1.23	sx	BUD	16000066	BUD		263	

Magnitude Err Nsta Author OrigID
 ML 2.0 0.0 5 BUD 16000066

Sta	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	338.7	Pg	10:10:53.747	-0.6					T__		3072.8		___	ML	2.0	5190023	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	338.7	Lg	10:10:55.142	-1.3					T__				---		5190024	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
HU03A	0.39	69.4	Pg	10:11:01.227	0.7					T__		159.0		___	ML	1.6	5190026	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.39	69.4	Lg	10:11:06.844	0.1					T__				---		5190025	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
A336A	0.47	354.8	Pg	10:11:03.550	1.7					T__		143.4		___	ML	1.8	5190031	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.47	354.8	Lg	10:11:10.051	0.7					T__				---		5190030	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
PSZ	0.58	74.8	Lg	10:11:10.590	-3.4					T__				---		5190022	FDSN	GE	--	BUD	iLoc	BHN	???	_	
KECS	1.19	52.6	Sn	10:11:33.557	0.5					T__				---		5190027	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	1.19	240.4	Pn	10:11:16.575	1.4					T__		75.5		___	ML	2.0	5190033	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.19	240.4	Sn	10:11:32.888	-0.4					T__				---		5190032	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																									
JOS	1.23	53.1	Pn	10:11:15.931	0.4					T__		72.1		___	ML	2.0	5190028	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.23	53.1	Sn	10:11:34.856	0.9					T__				---		5190029	FDSN	ZJ	--	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
 2020/01/28 09:52:03.31 1.14 0.56 48.5467 20.7870 8.2 5.6 168 0.0f 11 7 94 0.17 1.24 sx BUD 16000068 BUD 128

Magnitude Err Nsta Author OrigID
 ML 1.7 0.2 5 BUD 16000068

Sta	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	252.9	Pg	09:52:06.814	-0.1					T__		311.1		___	ML	1.3	5195966	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	252.9	Lg	09:52:10.336	0.5					T__				---		5195967	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
KECS	0.21	252.5	Pg	09:52:07.358	-0.4					T__		956.6		___	ML	1.9	5195957	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	252.5	Lg	09:52:11.420	0.2					T__				---		5195958	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																									
ABAH	0.39	129.6	Lg	09:52:18.573	0.3					T__				---		5195962	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	0.87	223.8	Pg	09:52:21.373	-0.2					T__		74.4		___	ML	1.9	5195959	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	223.8	Lg	09:52:34.857	0.2					T__				---		5195960	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
STHS	0.92	18.9	Lg	09:52:34.334	0.2					T__				---		5195963	FDSN	SK	--	BUD	iLoc	EHN	???	_	
NIE	0.93	340.0	Pn	09:52:23.479	0.7					T__		48.3		___	ML	1.7	5195961	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
TRPA	1.24	109.0	Pn	09:52:26.767	-0.1					T__		25.2		___	ML	1.6	5195964	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

TRPA 1.24 109.0 Sn 09:52:44.554 -1.1 T__ --- 5195965 FDSN HU -- 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
2020/01/28	10:40:55.06	3.64	0.50	48.6459	20.3944	26.3	8.1	164	9.8	9.6	9	5	264	0.17	1.52	sx	BUD	16000070	BUD			309

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	4 BUD	16000070

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	ABUD	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KECS	0.17	159.6	Pg	10:40:59.053	-0.0					T__		342.3	---	ML	1.3	5196013	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.17	159.6	Lg	10:41:01.801	-0.4					T__			---		5196014	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																								
JOS	0.18	147.3	Pg	10:40:59.083	-0.0					T__		181.1	---	ML	1.1	5196019	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	147.3	Lg	10:41:02.645	0.4					T__			---		5196020	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																								
ABAH	0.66	121.6	Pg	10:41:08.213	0.0					T__		92.1	---	ML	1.8	5196016	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.66	121.6	Lg	10:41:17.832	-0.3					T__			---		5196015	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																								
PSZ	0.80	204.8	Pg	10:41:11.674	-0.2					T__		57.4	---	ML	1.7	5196017	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.80	204.8	Lg	10:41:23.888	0.4					T__			---		5196018	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								
TRPA	1.52	109.0	Sn	10:41:42.838	0.9					T__			---		5196021	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
2020/01/28	11:25:44.19	0.95	0.97	46.1139	21.7170	8.3	3.6	81	0.0f		11	7	146	0.16	1.58	ke	BUD	16000072	BUD			200

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.5	4 BUD	16000072

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	ABUD	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
SIRR	0.16	345.5	Pg	11:25:47.888	-0.1					T__		459.6	---	ML	1.4	5198195	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.16	345.5	Lg	11:25:50.687	-0.4					T__			---		5198190	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																								
BZS	0.50	188.1	Pg	11:25:54.147	0.0					T__		42.2	---	ML	1.3	5198191	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.50	188.1	Lg	11:26:01.043	-0.4					T__			---		5198196	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																								
HU24A	0.88	334.4	Lg	11:26:17.010	1.7					T__			---		5198198	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
DRGR	0.97	45.0	Pg	11:26:03.613	0.1					T__		80.4	---	ML	1.9	5198188	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.97	45.0	Lg	11:26:16.030	-1.7					T__			---		5198189	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																								
GZR	1.03	133.8	Pg	11:26:04.406	0.5					T__		106.9	---	ML	2.1	5198192	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_

```
GZR 1.03 133.8 Lg 11:26:18.044 -0.3 T__ --- 5198193 FDSN RO -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
LTVH 1.28 5.6 Sn 11:26:27.404 0.6 T__ --- 5198194 FDSN HU -- BUD iLoc HHN ??? _
LOT 1.58 114.1 Sn 11:26:36.157 0.9 T__ --- 5198197 FDSN RO -- 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
2020/01/29 03:41:26.52 0.93 0.66 47.8505 20.9520 6.1 4.6 179 14.2 16.7 19 11 94 0.49 1.17 ke BUD 16000074 BUD 142
```

```
Magnitude Err Nsta Author OrigID
ML 1.9 0.1 7 BUD 16000074
```

```
Sta 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 23.3 Pg 03:41:36.385 0.0 T__ 145.0 --- ML 1.8 5210523 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.49 23.3 Lg 03:41:43.932 -0.1 T__ --- 5210524 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU23A 0.52 246.2 Lg 03:41:45.726 0.5 T__ --- 5210531 FDSN ZJ 00 BUD iLoc HHN ??? _
HU07A 0.66 78.2 Pg 03:41:39.392 -0.2 T__ 219.0 --- ML 2.2 5210532 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU07A 0.66 78.2 Lg 03:41:49.966 0.3 T__ --- 5210533 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
JOS 0.70 337.0 Pg 03:41:40.350 -0.2 T__ 79.2 --- ML 1.8 5210534 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.70 337.0 Lg 03:41:50.601 0.1 T__ --- 5210535 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.71 333.9 Pg 03:41:40.593 -0.0 T__ 104.2 --- ML 1.9 5210521 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.71 333.9 Lg 03:41:50.972 0.3 T__ --- 5210522 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.72 275.8 Pn 03:41:40.050 -0.9 T__ 106.1 --- ML 1.9 5210525 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.72 275.8 Lg 03:41:50.901 -1.3 T__ --- 5210526 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BSZH 0.72 220.3 Lg 03:41:52.439 0.5 T__ --- 5210536 FDSN HU -- BUD iLoc HHE ??? _
LTVH 0.79 125.6 Pn 03:41:41.729 -0.0 T__ 144.3 --- ML 2.1 5210527 FDSN HU -- BUD iLoc HHZ HHZ _
LTVH 0.79 125.6 Lg 03:41:53.069 -0.7 T__ --- 5210528 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU03A 0.91 273.9 Lg 03:41:59.234 1.0 T__ --- 5210537 FDSN ZJ 00 BUD iLoc HHE ??? _
TRPA 1.10 74.7 Pn 03:41:46.546 0.3 T__ 22.9 --- ML 1.5 5210529 FDSN HU -- BUD iLoc BHZ BHZ _
TRPA 1.10 74.7 Sn 03:42:02.270 0.5 T__ --- 5210530 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HOLU 1.17 54.2 Pg 03:41:48.959 0.2 T__ --- 5210538 FDSN UA -- BUD iLoc MHZ ??? _
HOLU 1.17 54.2 Sn 03:42:04.742 1.1 T__ --- 5210539 FDSN UA -- BUD iLoc MHZ ??? _
```

```
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/01/29 09:24:01.10 2.07 0.92 47.7259 18.4950 6.0 2.9 145 0.3 3.2 16 9 122 0.12 1.52 sx BUD 16000076 BUD 133
```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 6 BUD 16000076

Sta	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	221.1	Pg	09:24:03.754	-0.1					T__		2851.6		___	ML	2.1	5211901	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.12	221.1	Lg	09:24:06.205	-0.1					T__				---		5211902	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
HU10A	0.37	71.1	Pg	09:24:09.010	0.0					T__		200.5		___	ML	1.6	5211904	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.37	71.1	Lg	09:24:14.967	-0.2					T__				---		5211905	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CSKK	0.40	203.7	Pg	09:24:08.800	-0.5					T__		217.3		___	ML	1.7	5211903	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.40	203.7	Lg	09:24:15.636	-0.5					T__				---		5211891	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU08A	0.49	232.9	Lg	09:24:19.184	0.3					T__				---		5211906	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
MPLH	0.85	229.7	Pn	09:24:20.046	0.8					T__		81.3		___	ML	1.9	5211892	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.85	229.7	Lg	09:24:32.112	1.5					T__				---		5211893	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	0.96	77.9	Pn	09:24:21.534	0.7					T__		73.8		___	ML	1.9	5211899	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.96	77.9	Lg	09:24:35.804	0.1					T__				---		5211896	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MODS	1.04	308.9	Pn	09:24:22.876	0.7					T__				---		5211897	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.04	308.9	Lg	09:24:37.141	-0.8					T__				---		5211898	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ZST	1.05	297.2	Lg	09:24:37.712	0.1					T__				---		5211900	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.52	176.1	Pn	09:24:28.127	0.0					T__		19.0		___	ML	1.6	5211894	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.52	176.1	Sn	09:24:47.130	-2.2					T__				---		5211895	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(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	
2020/01/29	09:37:26.93	0.42	0.75	48.3243	21.2738	7.1	3.7	8	0.0	0.0	9	0	172	0.04	1.01	kx	BUD	16000078	BUD				
2020/01/29	09:37:25.26	0.95	0.47	48.2470	21.2460f				0.0f		9	5	153	0.05	0.96	kx	BUD_GT	16000079	BUD			255	
(locality : Tálya Hungary)																							
(description : known quarry blast)																							
(GT info : GT2 explosion)																							

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 16000079

Sta	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	09:37:26.641	-0.2					T__		5412.5		___	ML	2.2	5211951	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:37:28.142	-0.3					T__				---		5211952	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
JOS	0.53	298.1	Pg	09:37:36.071	0.1					T__		69.4		___	ML	1.6	5211956	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:37:43.900	-0.3					T__				---		5211957	FDSN	ZJ	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

KECS	0.56	295.3	Lg	09:37:45.023	-0.1	T__									5211953	FDSN	SK	--	iLoc	BUD	EHN	???	_		
TRPA	0.87	97.2	Pg	09:37:43.022	0.7	T__					70.7			---	ML	1.8	5211958	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	09:37:55.901	-0.8	T__								---		5211959	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.96	250.6	Pn	09:37:45.642	0.6	T__					60.5			---	ML	1.8	5211955	FDSN	GE	--	iLoc	BUD	BHZ	BHZ	_
PSZ	0.96	250.6	Lg	09:37:59.873	-0.1	T__								---		5211954	FDSN	GE	--	iLoc	BUD	BHN	???	_	
(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
2020/01/29	13:21:10.66	1.06	0.09	46.3272	21.9701	9.5	5.1	138	7.8	15.5	7	4	152	0.22	1.09	ke	BUD	16000080	BUD			254

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	16000080

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	ABUD	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.22	254.6	Pg	13:21:15.580	-0.0					T__		129.5		---	ML	1.0	5212004	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.22	254.6	Lg	13:21:19.447	0.0					T__				---		5212005	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
DRGR	0.69	47.5	Pg	13:21:24.536	0.0					T__		56.9		---	ML	1.6	5212007	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.69	47.5	Lg	13:21:34.511	-0.0					T__				---		5212006	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
BZS	0.75	199.3	Pg	13:21:25.452	0.1					T__		46.4		---	ML	1.6	5212008	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.75	199.3	Lg	13:21:35.631	-0.0					T__				---		5212009	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
GZR	1.09	148.6	Pg	13:21:31.356	-0.1					T__		56.7		---	ML	1.9	5212010	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(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
2020/01/29	22:20:30.13	1.07	0.73	46.0130	16.0696	7.9	3.7	118	0.5	3.4	27	16	65	0.13	1.92	ke	BUD	16000082	BUD			114

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.1	14 BUD	16000082

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	ABUD	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PTJ	0.13	213.8	Pg	22:20:32.951	-0.2					T__		4895.1		_d	ML	2.3	5214651	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.13	213.8	Lg	22:20:35.063	-0.6					T__				---		5214652	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
ZAG	0.19	197.3	Pg	22:20:34.300	0.1					T__		4324.5		---	ML	2.5	5214654	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.19	197.3	Lg	22:20:37.913	0.8					T__				---		5214653	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
CRES	0.47	246.6	Pg	22:20:39.465	0.2					T__		1446.7		---	ML	2.8	5214662	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.47	246.6	Lg	22:20:45.597	-0.5					T__				---		5214661	FDSN	SL	--	BUD	iLoc	BHN	???	_	

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(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
BEHE 0.67 46.7 Pg 22:20:43.587 -0.2 T__ 155.2 ___ ML 2.1 5214655 FDSN HU -- BUD iLoc BHZ BHZ _
BEHE 0.67 46.7 Lg 22:20:53.333 0.3 T__ ___ 5214656 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A264A 0.86 79.8 Pg 22:20:47.495 -0.1 T__ 247.0 ___ ML 2.4 5214669 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.86 79.8 Lg 22:20:59.192 0.2 T__ ___ 5214670 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
OBKA 1.17 295.7 Pg 22:20:52.951 0.7 T__ 91.5 ___ ML 2.1 5214663 FDSN OE -- BUD iLoc BHZ BHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A261A 1.20 38.1 Pg 22:20:53.760 0.3 T__ 149.3 ___ ML 2.3 5214671 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A265A 1.27 70.4 Pg 22:20:55.317 0.6 T__ 179.8 ___ ML 2.5 5214672 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 1.27 70.4 Sn 22:21:10.302 -1.3 T__ ___ 5214673 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
ARSA 1.29 343.3 Pg 22:20:54.580 -0.5 T__ 69.0 ___ ML 2.1 5214664 FDSN OE -- BUD iLoc BHZ BHZ _
ARSA 1.29 343.3 Lg 22:21:10.279 -1.0 T__ ___ 5214665 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
BLY 1.49 147.8 Pn 22:20:57.201 -0.5 T__ 72.3 ___ ML 2.2 5214666 FDSN MN -- BUD iLoc BHZ BHZ _
BLY 1.49 147.8 Sn 22:21:17.073 -0.6 T__ ___ 5214667 FDSN MN -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MPLH 1.54 40.7 Pg 22:20:59.211 -0.5 T__ 67.8 ___ ML 2.2 5214657 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 1.54 40.7 Lg 22:21:21.145 0.4 T__ ___ 5214658 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A019A 1.59 335.1 Pg 22:21:01.215 1.2 T__ 72.3 ___ ML 2.2 5214674 FDSN Z3 00 BUD iLoc HHZ HHZ _
A019A 1.59 335.1 Sn 22:21:19.827 -0.4 T__ ___ 5214675 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A266A 1.61 70.6 Lg 22:21:23.469 1.0 T__ ___ 5214676 FDSN Z3 00 BUD iLoc HHN ??? _
MORH 1.80 82.6 Pn 22:20:59.821 -1.5 T__ 24.2 ___ ML 1.9 5214659 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 1.80 82.6 Lg 22:21:28.066 -0.3 T__ ___ 5214660 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
A018A 1.86 338.9 Lg 22:21:30.224 0.8 T__ ___ 5214677 FDSN Z3 00 BUD iLoc HHN ??? _
CONA 1.92 355.8 Pn 22:21:03.944 0.2 T__ 56.8 ___ ML 2.3 5214668 FDSN OE -- BUD iLoc BHZ BHZ _
(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
2020/01/30	09:46:25.50	0.20	1.60	46.8809	17.3270	2.8	2.2	133	0.0	0.0	28	0	56	0.14	1.99	kx	BUD	16000086	BUD			
2020/01/30	09:46:23.77	0.82	1.73	46.8548	17.2699f				0.0f		28	20	49	0.13	2.02	kx	BUD_GT	16000087	BUD		98	

(locality : Várvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 2.5 0.1 11 BUD 16000087

Sta	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	09:46:26.362	-0.6					T__		15040.2		---	ML	2.8	5221989	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
A261A	0.13	319.5	Lg	09:46:29.578	-0.1					T__				---		5221990	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=0)																									
A263A	0.22	171.8	Pg	09:46:29.615	0.9					T__		5030.4		---	ML	2.6	5221991	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
A263A	0.22	171.8	Lg	09:46:34.540	2.1					T__				---		5221992	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1)																									
MPLH	0.37	30.2	Pg	09:46:28.877	-2.8					T__		1639.0		---	ML	2.5	5221970	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
MPLH	0.37	30.2	Lg	09:46:36.050	-1.7					T__				---		5221978	FDSN	HU	--	iLoc	BUD	BHE	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1)																									
TIH	0.43	83.7	Pg	09:46:30.188	-2.6					T__		2508.6		---	ML	2.9	5221971	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0)																									
A262A	0.51	271.3	Pg	09:46:37.295	3.1					T__		398.9		---	ML	2.3	5221993	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1)																									
BEHE	0.51	221.7	Pg	09:46:36.749	2.3					T__		143.6		---	ML	1.9	5221979	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
BEHE	0.51	221.7	Lg	09:46:44.137	2.3					T__				---		5221986	FDSN	HU	--	iLoc	BUD	BHE	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0)																									
EGYH	0.56	4.3	Lg	09:46:44.137	-0.2					T__				---		5221985	FDSN	HU	--	iLoc	BUD	HHE	???	_	
HU08A	0.73	37.5	Lg	09:46:49.855	-0.6					T__				---		5221994	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
KOGS	0.81	240.3	Pg	09:46:41.644	1.8					T__		538.2		---	ML	2.7	5221972	FDSN	SL	--	iLoc	BUD	BHZ	BHZ	_
KOGS	0.81	240.3	Sn	09:46:54.758	0.2					T__				---		5221974	FDSN	SL	--	iLoc	BUD	BHE	???	_	
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1)																									
CSKK	0.85	52.7	Pg	09:46:40.315	-0.5					T__		397.8		---	ML	2.6	5221995	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.85	52.7	Lg	09:46:51.636	-3.2					T__				---		5221987	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1)																									
SOP	0.96	329.9	Lg	09:46:56.830	0.8					T__				---		5221980	FDSN	HU	--	iLoc	BUD	BHE	???	_	
HU09A	1.09	43.6	Sn	09:47:02.434	0.6					T__				---		5221996	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
MORH	1.14	123.5	Pn	09:46:45.772	0.0					T__		20.8		---	ML	1.5	5221982	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
MORH	1.14	123.5	Sn	09:47:00.897	-1.7					T__				---		5221981	FDSN	HU	--	iLoc	BUD	BHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0)																									
ARSA	1.26	289.0	Pn	09:46:49.204	1.3					T__		65.8		---	ML	2.0	5221973	FDSN	OE	--	iLoc	BUD	BHZ	BHZ	_
ARSA	1.26	289.0	Sn	09:47:07.435	2.2					T__				---		5221975	FDSN	OE	--	iLoc	BUD	BHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																									
BUD	1.35	61.6	Sn	09:47:08.713	0.4					T__				---		5221983	FDSN	HU	--	iLoc	BUD	BHE	???	_	
CONA	1.44	318.8	Sn	09:47:11.589	1.4					T__				---		5221988	FDSN	OE	--	iLoc	BUD	BHN	???	_	
MODS	1.52	0.2	Sn	09:47:09.815	-2.8					T__				---		5221976	FDSN	SK	--	iLoc	BUD	HHE	???	_	
A336A	1.81	39.7	Sn	09:47:20.876	1.2					T__				---		5221997	FDSN	Z3	00	iLoc	BUD	HH2	???	_	
OBKA	1.90	260.5	Pn	09:46:57.338	0.0					T__		92.6		---	ML	2.5	5221984	FDSN	OE	--	iLoc	BUD	BHZ	BHZ	_
(Reading ML: 2.5 magdef=1																									

(Station ML: 2.5 magdef=1
 JAVC 2.02 7.5 Sn 09:47:24.396 -1.3 T__ --- 5221977 FDSN CZ -- iLoc BUD BHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2020/01/30 10:16:32.34 1.06 1.25 47.3615 18.4096 6.3 4.7 117 0.0f 10 6 111 0.10 1.16 sx BUD 16000088 BUD 191

Magnitude Err Nsta Author OrigID
 ML 1.7 0.4 4 BUD 16000088

Sta	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	271.0	Pg	10:16:34.442	-0.6					T__		3712.5		---	ML	2.2	5222072	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.10	271.0	Lg	10:16:36.850	-0.8					T__				---		5222063	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1)																										
HU09A	0.28	356.2	Lg	10:16:43.122	-0.5					T__				---		5222070	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_		
MPLH	0.62	252.4	Pg	10:16:45.921	0.8					T__		66.7		---	ML	1.7	5222064	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.62	252.4	Lg	10:16:55.937	1.3					T__				---		5222065	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																										
HU10A	0.64	40.2	Lg	10:16:56.487	0.4					T__				---		5222071	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	1.15	60.4	Pn	10:16:55.615	0.8					T__		41.2		---	ML	1.8	5222066	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	1.15	60.4	Sn	10:17:12.947	0.3					T__				---		5222067	FDSN	GE	--	BUD	iLoc	BHE	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																										
MORH	1.16	171.9	Pn	10:16:55.384	0.9					T__		11.7		---	ML	1.2	5222068	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	1.16	171.9	Lg	10:17:10.883	-2.4					T__				---		5222069	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(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
 2020/01/30 10:29:51.85 2.36 0.99 47.3154 18.4213 16.9 6.6 152 1.3 29.3 7 6 113 0.12 1.41 sx BUD 16000090 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	
CSKK	0.12	293.7	Pg	10:29:54.822	0.3					T__		1253.9		---	ML	1.7	5222112	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.12	293.7	Lg	10:29:56.434	-0.6					T__				---		5222108	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU09A	0.32	355.4	Lg	10:30:04.082	0.1					T__				---		5222113	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU10A	0.67	37.1	Lg	10:30:15.423	-0.5					T__				---		5222114	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
MORH	1.11	172.0	Sn	10:30:30.029	0.5					T__				---		5222109	FDSN	HU	--	BUD	iLoc	BHE	???	_	
PSZ	1.17	58.3	Sn	10:30:32.357	0.6					T__				---		5222110	FDSN	GE	--	BUD	iLoc	BHE	???	_	
BEHE	1.41	233.8	Sn	10:30:35.543	-1.3					T__				---		5222111	FDSN	HU	--	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
 2020/01/30 10:49:47.72 3.79 0.80 48.5712 20.7207 22.0 6.8 170 19.5 19.8 8 5 247 0.14 0.86 sx BUD 16000092 BUD 315

Magnitude Err Nsta Author OrigID
 ML 1.2 0.1 4 BUD 16000092

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	ABUD	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.14	238.0	Pg	10:49:52.425	0.2					T__		138.4	---	ML	0.8	5222153	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.14	238.0	Lg	10:49:55.939	0.4					T__			---			5222154	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=1)																					
KECS	0.18	240.7	Pg	10:49:53.005	0.2					T__		244.4	---	ML	1.2	5222149	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.18	240.7	Lg	10:49:55.702	-0.8					T__			---			5222148	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
ABAH	0.44	128.3	Pg	10:49:57.229	0.2					T__		49.7	---	ML	1.2	5222150	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.44	128.3	Lg	10:50:03.488	-0.7					T__			---			5222151	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
HU02A	0.47	196.3	Pg	10:49:58.607	0.6					T__		45.7	---	ML	1.3	5222155	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
PSZ	0.86	220.5	Lg	10:50:17.228	-1.0					T__			---			5222152	FDSN	GE	--	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
2020/01/31	10:33:41.02	0.93	0.69	48.5389	20.7799	5.5	3.7	171	0.0f		11	7	95	0.20	1.24	sx	BUD	16000094	BUD			125

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	5 BUD	16000094

Sta	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	254.2	Pg	10:33:45.040	-0.3					T__		1070.6	---	ML	1.9	5230051	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.20	254.2	Lg	10:33:49.437	0.8					T__			---			5230052	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=0)																					
ABAH	0.39	128.3	Pg	10:33:49.090	0.0					T__		70.2	---	ML	1.2	5230053	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.39	128.3	Lg	10:33:55.204	-0.7					T__			---			5230054	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=0)																					
PSZ	0.86	224.0	Pg	10:33:59.009	-0.1					T__		48.6	---	ML	1.7	5230057	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.86	224.0	Lg	10:34:12.240	0.2					T__			---			5230058	FDSN	GE	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
STHS	0.93	19.0	Pg	10:33:58.302	-0.0					T__		56.8	---	ML	1.8	5230055	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
STHS	0.93	19.0	Lg	10:34:11.571	-0.5					T__			---			5230056	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
NIE	0.94	340.4	Pn	10:34:00.938	0.4					T__		19.3	---	ML	1.3	5230059	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
HOLU	1.07	90.0	Pg	10:34:01.988	0.6					T__			---			5230060	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
TRPA	1.24	108.5	Sn	10:34:22.078	-1.4					T__			---			5230061	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	
2020/02/01	03:47:48.65	0.70	1.10	47.6542	18.0472	2.4	2.2	0	8.6		5.5	60	37	36	0.23	2.93	ke	BUD	16000096	BUD			51

Magnitude Err Nsta Author OrigID
ML 2.1 0.2 28 BUD 16000096

Sta	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	0.23	93.8	Pg	03:47:53.455	-0.2					T__		848.0		___	ML	1.9	5234171	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.23	93.8	Lg	03:47:57.263	-0.5					T__				---		5234172	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
			(Reading ML: 1.9 magdef=1																						
			(Station ML: 1.9 magdef=1																						
HU08A	0.24	200.6	Pg	03:47:53.612	-0.2					T__		323.7		___	ML	1.5	5234169	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.24	200.6	Lg	03:47:58.444	0.4					T__				---		5234170	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
			(Reading ML: 1.5 magdef=1																						
			(Station ML: 1.5 magdef=0																						
SR0	0.24	48.4	Pg	03:47:54.240	0.4					T__		2008.4		___	ML	2.3	5234148	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
			(Reading ML: 2.3 magdef=1																						
			(Station ML: 2.3 magdef=1																						
A339A	0.32	303.7	Pg	03:47:55.978	0.7					T__		1279.7		___	ML	2.3	5234173	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A339A	0.32	303.7	Lg	03:47:59.629	-0.9					T__				---		5234174	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
			(Reading ML: 2.3 magdef=1																						
			(Station ML: 2.3 magdef=1																						
CSKK	0.33	153.5	Pg	03:47:55.241	-0.2					T__		21109.5		___	ML	3.5	5234146	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.33	153.5	Lg	03:48:01.265	0.1					T__				---		5234160	FDSN	HU	--	BUD	iLoc	HHE	???	_	
			(Reading ML: 3.5 magdef=1																						
			(Station ML: 3.5 magdef=0																						
A338A	0.42	29.6	Pg	03:47:57.904	0.7					T__		416.1		___	ML	2.1	5234175	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	0.42	29.6	Lg	03:48:04.957	0.8					T__				---		5234176	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
			(Reading ML: 2.1 magdef=1																						
			(Station ML: 2.1 magdef=1																						
EGYH	0.54	244.2	Pg	03:47:59.768	0.2					T__		381.9		___	ML	2.4	5234150	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.54	244.2	Lg	03:48:08.232	0.7					T__				---		5234161	FDSN	HU	--	BUD	iLoc	HHN	???	_	
			(Reading ML: 2.4 magdef=1																						
			(Station ML: 2.4 magdef=1																						
MPLH	0.59	215.6	Pg	03:48:00.507	-0.1					T__		134.3		___	ML	2.0	5234149	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.59	215.6	Lg	03:48:08.854	-0.6					T__				---		5234162	FDSN	HU	--	BUD	iLoc	BHN	???	_	
			(Reading ML: 2.0 magdef=1																						
			(Station ML: 2.0 magdef=1																						
A003A	0.68	279.2	Pn	03:48:02.821	-0.6					T__		249.0		___	ML	2.3	5234177	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
			(Reading ML: 2.3 magdef=1																						
			(Station ML: 2.3 magdef=1																						
HU10A	0.68	73.4	Pg	03:48:02.421	-0.2					T__		93.0		___	ML	1.8	5234179	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.68	73.4	Lg	03:48:13.245	-0.1					T__				---		5234180	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
			(Reading ML: 1.8 magdef=1																						
			(Station ML: 1.8 magdef=1																						
BUD	0.68	104.1	Pg	03:48:01.887	-0.8					T__		162.7		___	ML	2.1	5234147	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.68	104.1	Lg	03:48:11.865	-1.5					T__				---		5234178	FDSN	HU	--	BUD	iLoc	BHE	???	_	
			(Reading ML: 2.1 magdef=1																						
			(Station ML: 2.1 magdef=1																						
A271A	0.73	132.8	Lg	03:48:15.714	0.9					T__				---		5234181	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A267A	0.77	157.2	Lg	03:48:16.073	0.4					T__				---		5234182	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ZST	0.84	310.8	Pn	03:48:05.784	0.2					T__		16199.2		___	ML	4.2	5234152	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.84	310.8	Lg	03:48:17.188	-0.4					T__				---		5234163	FDSN	SK	--	BUD	iLoc	HHN	???	_	
			(Reading ML: 4.2 magdef=1																						
			(Station ML: 4.2 magdef=0																						
A336A	0.86	47.5	Pn	03:48:05.486	-0.3					T__		133.6		___	ML	2.1	5234183	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A336A	0.86	47.5	Lg	03:48:17.875	-1.3	T__	---		5234184	FDSN	Z3	00	BUD	iLoc	HHZ	???	_			
(Reading ML: 2.1 magdef=1)																				
(Station ML: 2.1 magdef=1)																				
MODS	0.89	324.6	Pg	03:48:05.943	-0.5	T__	---		5234153	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
MODS	0.89	324.6	Lg	03:48:18.477	-1.2	T__	---		5234164	FDSN	SK	--	BUD	iLoc	HHN	???	_			
A261A	0.93	221.4	Pg	03:48:07.906	0.9	T__	127.5	---	ML	2.1	5234185	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A261A	0.93	221.4	Sn	03:48:22.938	2.5	T__	---		5234186	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
(Reading ML: 2.1 magdef=1)																				
(Station ML: 2.1 magdef=1)																				
SOP	1.01	272.2	Pn	03:48:08.046	0.1	T__	50.0	---	ML	1.8	5234154	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
SOP	1.01	272.2	Lg	03:48:21.363	-0.5	T__	---		5234165	FDSN	HU	--	BUD	iLoc	BHN	???	_			
(Reading ML: 1.8 magdef=1)																				
(Station ML: 1.8 magdef=1)																				
HU03A	1.08	76.0	Pg	03:48:11.870	1.6	T__	113.4	---	ML	2.2	5234187	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_	
HU03A	1.08	76.0	Lg	03:48:26.646	0.4	T__	---		5234188	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_			
(Reading ML: 2.2 magdef=1)																				
(Station ML: 2.2 magdef=1)																				
A272A	1.10	145.1	Sn	03:48:26.588	1.6	T__	---		5234189	FDSN	Z3	00	BUD	iLoc	HHZ	???	_			
RONA	1.18	272.8	Pn	03:48:10.442	-0.1	T__	1.0	0.12	__e	ML	0.2	26235445	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	1.18	272.8	Sn	03:48:27.034	0.1	T__	3.8	0.18	__e	ML	0.7	26235446	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.7 magdef=1)																				
(Station ML: 0.7 magdef=0)																				
A332A	1.18	13.5	Pg	03:48:11.846	-0.3	T__	197.3	---	ML	2.5	5234190	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A332A	1.18	13.5	Sn	03:48:26.251	-1.3	T__	---		5234191	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
(Reading ML: 2.5 magdef=1)																				
(Station ML: 2.5 magdef=0)																				
JAVC	1.23	348.4	Pn	03:48:11.918	0.5	T__	96.8	---	ML	2.2	5234155	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
JAVC	1.23	348.4	Sn	03:48:29.898	0.6	T__	---		5234166	FDSN	CZ	--	BUD	iLoc	BHE	???	_			
(Reading ML: 2.2 magdef=1)																				
(Station ML: 2.2 magdef=1)																				
PSZ	1.27	77.3	Pn	03:48:13.099	1.4	T__	51.8	---	ML	1.9	5234151	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	1.27	77.3	Sn	03:48:30.732	0.9	T__	---		5234167	FDSN	GE	--	BUD	iLoc	BHN	???	_			
(Reading ML: 1.9 magdef=1)																				
(Station ML: 1.9 magdef=1)																				
A005B	1.43	300.8	Sn	03:48:33.520	0.6	T__	---		5234192	FDSN	Z3	00	BUD	iLoc	HHE	???	_			
MORH	1.50	163.9	Pn	03:48:15.497	1.2	T__	10.6	---	ML	1.4	5234156	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	1.50	163.9	Sn	03:48:34.299	-0.2	T__	---		5234168	FDSN	HU	--	BUD	iLoc	BHE	???	_			
(Reading ML: 1.4 magdef=1)																				
(Station ML: 1.4 magdef=0)																				
CONA	1.50	281.3	Pn	03:48:15.127	0.1	T__	0.1	0.14	__e	ML	-0.7	26235443	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.50	281.3	Lg	03:48:36.342	-1.3	T__	1.4	0.36	__e	ML	0.5	26235444	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.5 magdef=1)																				
(Station ML: 0.5 magdef=0)																				
MAUC	1.72	355.2	Sn	03:48:40.600	-0.6	T__	---		38011351	FDSN	IR	--	ISC	iLoc	???	???	_			
HU02A	1.73	73.4	Pg	03:48:21.026	-2.3	T__	33.7	---	ML	2.0	5234193	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.0 magdef=1)																				
(Station ML: 2.0 magdef=1)																				
ARSA	1.76	257.7	Sn	03:48:41.737	1.2	T__	0.2	0.18	__e	ML	-0.2	26235442	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: -0.2 magdef=1)																				
(Station ML: -0.2 magdef=0)																				
KRUC	1.79	322.6	Pn	03:48:18.638	-0.2	T__	81.0	---	ML	2.4	5234157	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
KRUC	1.79	322.6	Sn	03:48:40.252	-1.9	T__	---		5234194	FDSN	CZ	--	BUD	iLoc	BHE	???	_			
(Reading ML: 2.4 magdef=1)																				

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(Station ML: 2.4 magdef=0
JOS 1.87 62.3 Pn 03:48:20.801 1.0 T__ 42.8 ___ ML 2.2 5234195 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
VRAC 1.92 330.2 Pn 03:48:22.337 1.7 T__ 55.2 ___ ML 2.3 5234158 FDSN CZ -- BUD iLoc BHZ BHZ _
VRAC 1.92 330.2 Sn 03:48:43.500 -2.1 T__ ___e 37693781 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
MORC 2.15 351.2 Sn 03:48:49.200 -2.8 T__ ___e 37692649 FDSN IR -- ISC iLoc ??? ??? _
STEB 2.29 355.6 Sn 03:48:54.500 -0.7 T__ ___e 38011352 FDSN IR -- ISC iLoc ??? ??? _
SIRR 2.84 118.0 Pn 03:48:35.034 1.9 T__ 21.7 ___ ML 2.4 5234159 FDSN R0 -- BUD iLoc BHZ BHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
DPC 2.93 337.8 Sn 03:49:09.900 -1.9 T__ ___e 38011350 FDSN IR -- ISC iLoc ??? ??? _

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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
2020/02/02 13:10:57.30 0.88 1.16 46.9305 19.2204 4.3 2.9 119 2.9 11.0 37 25 83 0.26 2.12 ke BUD 16000098 BUD 105

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Magnitude Err Nsta Author OrigID
ML 2.2 0.2 18 BUD 16000098

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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
A272A 0.26 223.3 Pg 13:11:02.958 0.3 T__ 1628.2 ___ ML 2.2 5239810 FDSN Z3 00 BUD iLoc HHZ HHZ _
A272A 0.26 223.3 Lg 13:11:06.598 -0.5 T__ ___ 5239811 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A271A 0.35 310.5 Pg 13:11:05.611 1.1 T__ 1502.1 ___ ML 2.4 5239812 FDSN Z3 00 BUD iLoc HHZ HHZ _
A271A 0.35 310.5 Lg 13:11:10.999 0.8 T__ ___ 5239813 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
HU01A 0.50 33.2 Pg 13:11:08.250 0.3 T__ 314.3 ___ ML 2.2 5239814 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU01A 0.50 33.2 Lg 13:11:16.424 1.1 T__ ___ 5239815 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A267A 0.51 272.1 Pg 13:11:07.859 0.5 T__ 281.2 ___ ML 2.2 5239816 FDSN Z3 00 BUD iLoc HHZ HHZ _
A267A 0.51 272.1 Lg 13:11:14.631 -0.9 T__ ___ 5239817 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BUD 0.57 346.5 Lg 13:11:16.861 -1.1 T__ ___ 5239802 FDSN HU -- BUD iLoc BHE ??? _
HU22A 0.61 185.9 Pn 13:11:09.936 -1.1 T__ 490.5 ___ ML 2.5 5239818 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU22A 0.61 185.9 Lg 13:11:18.956 -0.1 T__ ___ 5239819 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
HU21A 0.69 149.4 Pn 13:11:12.095 -0.2 T__ 431.7 ___ ML 2.5 5239820 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A266A 0.77 238.7 Pn 13:11:12.679 -0.8 T__ 492.9 ___ ML 2.6 5239821 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
CSKK 0.79 303.8 Lg 13:11:24.935 -0.4 T__ ___ 5239803 FDSN HU -- BUD iLoc HHN ??? _
MORH 0.82 209.3 Pn 13:11:12.855 -1.2 T__ 38.3 ___ ML 1.5 5239799 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 0.82 209.3 Lg 13:11:23.816 -1.6 T__ ___ 5239801 FDSN HU -- BUD iLoc BHN ??? _

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
TIH 0.91 268.6 Pg 13:11:16.496 1.3 T__ 593.0 ___ ML 2.8 5239797 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
HU10A 0.93 351.6 Sn 13:11:28.660 -1.6 T__ 5239822 FDSN ZJ 00 BUD iLoc HHN ??? _
HU03A 1.01 14.7 Lg 13:11:32.549 -0.0 T__ 5239823 FDSN ZJ 00 BUD iLoc HHE ??? _
HU08A 1.02 300.0 Pg 13:11:17.648 0.4 T__ 76.8 ___ ML 2.0 5239824 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 1.02 300.0 Lg 13:11:32.222 -0.5 T__ 5239825 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
PSZ 1.09 24.6 Pn 13:11:18.788 0.6 T__ 84.9 ___ ML 2.0 5239800 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 1.09 24.6 Sn 13:11:33.920 -0.7 T__ 5239804 FDSN GE -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MPLH 1.17 282.4 Pg 13:11:20.843 0.5 T__ 67.4 ___ ML 2.0 5239798 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 1.17 282.4 Sn 13:11:35.801 -0.5 T__ 5239805 FDSN HU -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A338A 1.23 331.8 Pg 13:11:21.560 -0.3 T__ 151.8 ___ ML 2.4 5239826 FDSN Z3 00 BUD iLoc HHZ HHZ _
A338A 1.23 331.8 Lg 13:11:38.861 -2.4 T__ 5239827 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A336A 1.31 353.5 Pn 13:11:21.908 0.8 T__ 86.2 ___ ML 2.2 5239828 FDSN Z3 00 BUD iLoc HHZ HHZ _
A336A 1.31 353.5 Sn 13:11:39.350 -0.4 T__ 5239829 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
EGYH 1.38 291.4 Lg 13:11:44.453 0.8 T__ 5239806 FDSN HU -- BUD iLoc HHN ??? _
HU02A 1.48 36.1 Pn 13:11:25.226 1.7 T__ 44.6 ___ ML 2.0 5239830 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.48 36.1 Sn 13:11:45.088 1.3 T__ 5239831 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 1.80 29.1 Pg 13:11:31.342 -1.9 T__ 54.1 ___ ML 2.2 5239832 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
ABAH 1.93 44.3 Pg 13:11:34.239 -1.6 T__ 67.3 ___ ML 2.4 5239807 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A332A 1.94 345.1 Sn 13:11:58.461 2.8 T__ 5239833 FDSN Z3 00 BUD iLoc HHZ ??? _
MODS 1.95 318.4 Pn 13:11:30.608 0.3 T__ 5239809 FDSN SK -- BUD iLoc HHZ ??? _
BZS 2.12 127.5 Pn 13:11:33.384 1.0 T__ 35.6 ___ ML 2.2 5239808 FDSN RO -- 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
2020/02/02 13:56:25.03 1.04 1.51 47.6762 18.0495 6.3 3.1 97 12.2 18.2 14 11 81 0.22 1.52 ke BUD 16000100 BUD 109

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Magnitude Err Nsta Author OrigID
ML 1.4 0.3 4 BUD 16000100

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR ABUD Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
SRO 0.22 52.3 Pg 13:56:30.354 0.2 T__ 374.0 ___ ML 1.5 5239914 FDSN SK -- BUD iLoc EH2 EH2 _

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU09A 0.23 99.4 Pg 13:56:31.495 1.3 T__ 167.0 ___ ML 1.2 5239924 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU08A 0.26 199.2 Lg 13:56:34.584 -0.8 T__ 5365.8 ___ ML 3.0 5239915 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 0.34 155.4 Pg 13:56:32.161 -0.2 T__ 5239916 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.34 155.4 Lg 13:56:37.333 -1.0 T__ 5239916 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
EGYH 0.55 242.2 Lg 13:56:44.563 0.2 T__ 5239917 FDSN HU -- BUD iLoc HHN ??? _
A337A 0.59 343.0 Lg 13:56:45.332 -1.0 T__ 5239926 FDSN Z3 00 BUD iLoc HHE ??? _
MPLH 0.61 214.6 Pg 13:56:37.985 0.6 T__ 36.1 ___ ML 1.4 5239919 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.61 214.6 Lg 13:56:45.718 -0.8 T__ 5239918 FDSN HU -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MODS 0.87 323.7 Pg 13:56:43.107 0.6 T__ 5239920 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.87 323.7 Lg 13:56:55.308 -0.2 T__ 5239921 FDSN SK -- BUD iLoc HHE ??? _
A332A 1.16 13.7 Lg 13:57:02.614 -1.6 T__ 5239927 FDSN Z3 00 BUD iLoc HHN ??? _
JAVC 1.21 348.1 Sn 13:57:06.805 2.3 T__ 5239922 FDSN CZ -- BUD iLoc BHE ??? _
MORH 1.52 164.2 Sn 13:57:13.734 3.0 T__ 5239923 FDSN HU -- 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
2020/02/04 08:34:26.81 0.26 1.78 46.8475 17.3127 2.9 2.8 86 0.0 0.0 18 0 71 0.15 1.12 kx BUD 16000102 BUD
2020/02/04 08:34:24.28 0.87 1.27 46.8548 17.2699f 0.0f 18 13 77 0.13 1.14 kx BUD_GT 16000103 BUD 146
(locality : Várvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 2.6 0.3 5 BUD 16000103

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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 0.13 319.5 Pg 08:34:27.388 -0.1 T__ 14000.0 ___ ML 2.8 5241706 FDSN Z3 00 iLoc BUD HHZ HHZ _
A261A 0.13 319.5 Lg 08:34:31.197 1.0 T__ 5241707 FDSN Z3 00 iLoc BUD HHE ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
A263A 0.22 171.8 Lg 08:34:34.842 1.9 T__ 5241708 FDSN Z3 00 iLoc BUD HHN ??? _
MPLH 0.37 30.2 Pg 08:34:30.519 -1.6 T__ 707.8 ___ ML 2.2 5241709 FDSN HU -- iLoc BUD BHZ BHZ _
MPLH 0.37 30.2 Lg 08:34:37.251 -1.0 T__ 5241697 FDSN HU -- iLoc BUD BHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
TIH 0.43 83.7 Lg 08:34:39.460 -0.7 T__ 5241698 FDSN HU -- iLoc BUD HHN ??? _
A265A 0.56 139.7 Lg 08:34:45.940 1.9 T__ 5241710 FDSN Z3 00 iLoc BUD HHN ??? _
EGYH 0.56 4.3 Lg 08:34:45.410 0.6 T__ 5241705 FDSN HU -- iLoc BUD HHE ??? _
A260A 0.58 318.2 Sn 08:34:50.033 0.1 T__ 5241711 FDSN Z3 00 iLoc BUD HHE ??? _
HU08A 0.73 37.5 Lg 08:34:50.411 -0.6 T__ 5241712 FDSN ZJ 00 iLoc BUD HHN ??? _
KOGS 0.81 240.3 Pg 08:34:40.966 0.6 T__ 433.9 ___ ML 2.6 5241700 FDSN SL -- iLoc BUD BHZ BHZ _
KOGS 0.81 240.3 Lg 08:34:53.920 2.9 T__ 5241699 FDSN SL -- iLoc BUD BHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A267A 0.84 83.3 Lg 08:34:54.126 -0.4 T__ 5241713 FDSN Z3 00 iLoc BUD HHE ??? _

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CSKK 0.85 52.7 Pg 08:34:41.769 0.4 T__ 5515.8 --- ML 3.7 5241701 FDSN HU -- iLoc BUD HHZ HHZ _
CSKK 0.85 52.7 Lg 08:34:54.221 -1.2 T__ --- 5241702 FDSN HU -- iLoc BUD HHE ??? _
(Reading ML: 3.7 magdef=1
(Station ML: 3.7 magdef=0
HU09A 1.09 43.6 Sn 08:35:02.753 0.4 T__ --- 5241714 FDSN ZJ 00 iLoc BUD HHN ??? _
MORH 1.14 123.5 Pn 08:34:45.686 -0.6 T__ 18.0 --- ML 1.4 5241704 FDSN HU -- iLoc BUD BHZ BHZ _
MORH 1.14 123.5 Sn 08:35:01.351 -1.8 T__ --- 5241703 FDSN HU -- iLoc BUD BHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 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
2020/02/04 09:10:12.90 1.05 0.71 48.5191 20.7944 7.6 3.4 6 0.0f 15 9 86 0.17 1.31 sx BUD 16000104 BUD 164

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Magnitude Err Nsta Author OrigID
ML 1.6 0.2 7 BUD 16000104

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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 0.17 262.3 Pg 09:10:16.253 -0.3 T__ 340.4 --- ML 1.3 5241785 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 262.3 Lg 09:10:20.140 0.7 T__ --- 5241786 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
KECS 0.21 260.2 Pg 09:10:16.858 -0.4 T__ 754.5 --- ML 1.8 5241776 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.21 260.2 Lg 09:10:21.080 0.4 T__ --- 5241777 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.37 126.8 Pg 09:10:20.747 0.2 T__ 108.2 --- ML 1.4 5241778 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.37 126.8 Lg 09:10:25.556 -1.6 T__ --- 5241779 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.44 204.5 Pg 09:10:22.098 -0.1 T__ 81.4 --- ML 1.4 5241787 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.44 204.5 Lg 09:10:29.938 0.6 T__ --- 5241788 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.85 225.4 Pg 09:10:30.308 -0.6 T__ 71.6 --- ML 1.8 5241780 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.85 225.4 Lg 09:10:44.268 0.6 T__ --- 5241781 FDSN GE -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
NIE 0.96 340.3 Pn 09:10:32.597 -0.2 T__ 44.0 --- ML 1.7 5241782 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HOLU 1.06 89.0 Pg 09:10:33.513 0.4 T__ --- 5241789 FDSN UA -- BUD iLoc MHZ ??? _
TRPA 1.23 107.8 Pn 09:10:36.395 0.2 T__ 25.5 --- ML 1.6 5241783 FDSN HU -- BUD iLoc BHZ BHZ _
TRPA 1.23 107.8 Sn 09:10:53.815 -1.1 T__ --- 5241784 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
STZU 1.31 67.0 Pn 09:10:38.021 0.3 T__ --- 5241790 FDSN UA -- BUD iLoc MHZ ??? _

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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
2020/02/06 08:35:44.17 2.92 0.88 47.3687 18.3521 23.1 6.8 133 0.0f 5 4 108 0.06 1.18 sx BUD 16000106 BUD 203

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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	0.06	264.9	Pg	08:35:46.211	0.1					T__		1435.6		---	ML	1.6	5247241	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
CSKK	0.06	264.9	Lg	08:35:47.912	-0.2					T__				---		5247237	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.27	4.3	Lg	08:35:55.087	-0.1					T__				---		5247238	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORH	1.17	170.1	Sn	08:36:22.991	-1.2					T__				---		5247240	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.18	61.6	Sn	08:36:25.113	-0.1					T__				---		5247239	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
2020/02/06	08:38:36.55	1.49	1.00	48.0184	20.6661	9.3	5.1	178	0.0f		10	6	205	0.14	1.42	sx	BUD	16000108	BUD			269

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	16000108

Sta	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	317.7	Pg	08:38:40.359	0.3					T__		1078.8		---	ML	1.7	5247284	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.14	317.7	Lg	08:38:42.947	-0.0					T__				---		5247285	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
ABAH	0.47	53.9	Pg	08:38:46.791	0.5					T__		102.3		---	ML	1.6	5247280	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.47	53.9	Lg	08:38:53.097	-1.4					T__				---		5247281	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
KECS	0.48	345.5	Pg	08:38:47.019	0.7					T__		123.2		---	ML	1.7	5247278	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.48	345.5	Lg	08:38:52.994	-0.8					T__				---		5247279	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
JOS	0.49	350.0	Pg	08:38:47.098	0.7					T__		87.3		---	ML	1.6	5247286	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	350.0	Lg	08:38:52.812	-1.1					T__				---		5247287	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
PSZ	0.53	259.4	Lg	08:38:55.489	-1.0					T__				---		5247282	FDSN	GE	--	BUD	iLoc	BHN	???	_	
NIE	1.42	350.3	Sn	08:39:24.459	1.0					T__				---		5247283	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
2020/02/06	12:42:58.29	0.90	0.63	48.3282	19.8840	4.6	3.4	151	0.0f		14	8	112	0.41	1.12	sx	BUD	16000110	BUD			169

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	8 BUD	16000110

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	ABUD	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.41	179.0	Pg	12:43:07.502	0.2					T__		157.3		---	ML	1.6	5252097	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 1.6 magdef=1)																					
PSZ	0.41	179.0	Lg	12:43:13.858	-0.2					T__				---		5252102	FDSN	GE	--	BUD	iLoc	BHE	???	_	
				(Station ML: 1.6 magdef=0)																					
KECS	0.43	68.6	Pg	12:43:07.452	0.4					T__		178.8		---	ML	1.7	5252096	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.43	68.6	Lg	12:43:13.477	-0.2					T__				---		5252095	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					

HU03A	0.47	204.3	Pg	12:43:08.382	0.2	T__	154.5	___	ML	1.8	5252104	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.8 magdef=1															
				(Station ML: 1.8 magdef=1															
JOS	0.47	68.7	Pg	12:43:07.785	0.1	T__	128.0	___	ML	1.7	5252103	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.7 magdef=1															
				(Station ML: 1.7 magdef=1															
HU02A	0.48	115.4	Pg	12:43:08.576	0.2	T__	153.0	___	ML	1.8	5252105	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	115.4	Lg	12:43:15.664	-0.5	T__		___			5252106	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
				(Reading ML: 1.8 magdef=1															
				(Station ML: 1.8 magdef=1															
A336A	0.60	261.2	Pg	12:43:11.245	0.7	T__	126.9	___	ML	1.9	5252107	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.60	261.2	Lg	12:43:18.838	-1.0	T__		___			5252108	FDSN	Z3	00	BUD	iLoc	HH3	???	_
				(Reading ML: 1.9 magdef=1															
				(Station ML: 1.9 magdef=1															
ABAH	0.91	91.5	Pg	12:43:16.841	0.6	T__	106.8	___	ML	2.0	5252099	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.91	91.5	Lg	12:43:30.498	0.1	T__		___			5252098	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 2.0 magdef=1															
				(Station ML: 2.0 magdef=0															
NIE	1.12	14.0	Pg	12:43:20.054	0.5	T__	64.3	___	ML	1.9	5252100	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.12	14.0	Lg	12:43:34.766	-1.3	T__		___			5252101	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
2020/02/07	10:02:57.59	1.61	1.27	48.5783	20.8138	12.2	4.1	7	0.0f		13	8	113	0.20	1.77	sx	BUD	16000112	BUD			197

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	6 BUD	16000112

Sta	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	245.7	Pg	10:03:01.908	0.1					T__		319.8		___	ML	1.4	5254017	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	245.7	Lg	10:03:05.949	0.9					T__				___		5254018	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1																					
				(Station ML: 1.4 magdef=1																					
KECS	0.24	246.5	Pg	10:03:02.521	-0.0					T__		862.8		___	ML	1.9	5254010	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
				(Reading ML: 1.9 magdef=1																					
KECS	0.24	246.5	Lg	10:03:05.796	-0.6					T__				___		5254014	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Station ML: 1.9 magdef=1																					
ABAH	0.40	134.7	Pg	10:03:06.455	0.6					T__		73.0		___	ML	1.3	5254011	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	134.7	Lg	10:03:11.048	-1.8					T__				___		5254012	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1																					
				(Station ML: 1.3 magdef=0																					
HU02A	0.50	203.0	Pg	10:03:08.118	0.1					T__		59.3		___	ML	1.5	5254019	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	203.0	Lg	10:03:16.383	0.3					T__				___		5254020	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					
PSZ	0.90	223.3	Pn	10:03:15.806	-0.8					T__		74.3		___	ML	1.9	5254015	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 1.9 magdef=1																					
PSZ	0.90	223.3	Lg	10:03:29.774	-0.3					T__				___		5254013	FDSN	GE	--	BUD	iLoc	BHE	???	_	
				(Station ML: 1.9 magdef=1																					
HOLU	1.04	92.2	Pn	10:03:17.741	-0.7					T__				___		5254021	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
A336A	1.26	254.7	Pn	10:03:22.414	1.0					T__		90.1		___	ML	2.2	5254022	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 2.2 magdef=1
 (Station ML: 2.2 magdef=0
 OJC 1.77 338.4 Sn 10:03:50.603 -3.0 T__ ___ 5254016 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
2020/02/07	15:54:15.64	0.95	0.78	45.9908	16.0618	7.9	3.2	121	2.0f	12	6	152	0.11	1.17	ke	BUD	16000114	BUD			181	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	6 BUD	16000114

Sta	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	0.11	218.0	Pg	15:54:17.753	-0.5					T__		767.2		___	ML	1.5	5254149	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.11	218.0	Lg	15:54:19.610	-0.8					T__				___		5254150	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0																									
ZAG	0.17	197.7	Pg	15:54:19.234	0.0					T__		732.0		___	ML	1.6	5254158	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.17	197.7	Lg	15:54:22.748	1.0					T__				___		5254151	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
CRES	0.45	248.9	Pg	15:54:24.430	-0.0					T__		193.4		___	ML	1.8	5254154	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.45	248.9	Lg	15:54:31.158	0.0					T__				___		5254153	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
KOGS	0.48	15.9	Pg	15:54:24.832	-0.3					T__		335.6		___	ML	2.1	5254159	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.48	15.9	Lg	15:54:30.682	-0.7					T__				___		5254152	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0																									
BEHE	0.69	45.7	Pg	15:54:29.451	-0.0					T__		48.6		___	ML	1.6	5254155	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.69	45.7	Lg	15:54:39.317	0.7					T__				___		5254156	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
OBKA	1.17	296.8	Pg	15:54:38.489	0.7					T__		65.6		___	ML	2.0	5254160	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.17	296.8	Lg	15:54:54.983	1.5					T__				___		5254157	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(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
2020/02/07	22:28:54.48	0.90	0.73	45.9952	16.0498	7.3	3.1	124	2.0f	14	8	129	0.11	1.82	ke	BUD	16000116	BUD			164	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	6 BUD	16000116

Sta	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	0.11	212.9	Pg	22:28:56.606	-0.5					T__		1296.4		_d	ML	1.7	5254228	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.11	212.9	Lg	22:28:58.690	-0.5					T__				___		5254229	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
ZAG	0.17	194.6	Pg	22:28:58.112	0.0					T__		1031.2		___	ML	1.8	5254231	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.17	194.6	Lg	22:29:01.476	0.8					T__				___		5254230	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1																									

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(Station ML: 1.8 magdef=1
CRES 0.45 248.0 Pg 22:29:03.309 0.1 T__ 439.3 ___ ML 2.2 5254232 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.45 248.0 Lg 22:29:09.887 0.1 T__ ___ 5254233 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KOGS 0.47 17.0 Pg 22:29:04.138 0.2 T__ 402.0 ___ ML 2.2 5254235 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.47 17.0 Lg 22:29:09.987 -0.2 T__ ___ 5254234 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
BEHE 0.69 46.4 Pg 22:29:08.179 -0.2 T__ 55.7 ___ ML 1.6 5254236 FDSN HU -- BUD iLoc BHZ BHZ _
BEHE 0.69 46.4 Lg 22:29:16.916 -0.6 T__ ___ 5254237 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A264A 0.88 78.8 Lg 22:29:23.611 0.2 T__ ___ 5254241 FDSN Z3 00 BUD iLoc HHN ??? _
BLY 1.48 146.9 Sn 22:29:41.845 0.4 T__ ___ 5254238 FDSN MN -- BUD iLoc BHN ??? _
MORH 1.82 82.1 Pn 22:29:26.882 1.2 T__ 11.8 ___ ML 1.6 5254240 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 1.82 82.1 Lg 22:29:51.384 -1.6 T__ ___ 5254239 FDSN HU -- BUD iLoc BHE ??? _
(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
2020/02/08	10:48:31.39	1.78	0.86	48.5711	20.8178	13.1	4.1	9	0.0f	10	5	245	0.20	0.90	sx	BUD	16000118	BUD			315	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	5 BUD	16000118

Sta	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	247.9	Pg	10:48:35.802	0.2					T__		102.6		___	ML	0.9	5255313	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	247.9	Lg	10:48:39.433	0.6					T__				___		5255314	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0																									
KECS	0.24	248.4	Pg	10:48:36.071	-0.3					T__		282.6		___	ML	1.4	5255308	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
(Reading ML: 1.4 magdef=1																									
KECS	0.24	248.4	Lg	10:48:40.519	0.3					T__				___		5255317	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML: 1.4 magdef=1																									
ABAH	0.39	134.2	Pg	10:48:39.635	0.1					T__		59.7		___	ML	1.2	5255309	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	134.2	Lg	10:48:45.962	-0.4					T__				___		5255310	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
HUO2A	0.49	203.6	Pg	10:48:42.661	0.9					T__		41.3		___	ML	1.3	5255315	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HUO2A	0.49	203.6	Lg	10:48:48.952	-0.7					T__				___		5255316	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
PSZ	0.90	223.7	Pn	10:48:50.179	-0.2					T__		56.3		___	ML	1.8	5255311	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.90	223.7	Lg	10:49:02.029	-1.8					T__				___		5255312	FDSN	GE	--	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	
2020/02/08	20:42:25.63	0.67	0.96	48.5103	17.2705	3.1	2.5	28	4.6	0.3	81	52	26	0.14	3.59	ke	BUD	16000120	BUD			36	

Magnitude Err Nsta Author OrigID
 ML 2.2 0.2 46 BUD 16000120

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MDS	0.14	178.1	Pg	20:42:28.547	-0.3					T__						5255769	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
A334A	0.28	70.5	Pg	20:42:31.636	0.1					T__		1363.0			ML	2.2	5255805	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
ZST	0.33	199.7	Pg	20:42:31.938	-0.6					T__		106656.5			ML	4.3	5255770	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.33	199.7	Lg	20:42:36.704	-1.1					T__						5255784	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A337A	0.44	127.4	Pg	20:42:35.081	0.6					T__		412.3			ML	2.1	5255806	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
JAVC	0.44	37.1	Pg	20:42:34.622	-0.1					T__		294.0			ML	2.0	5255771	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.44	37.1	Lg	20:42:42.815	1.1					T__						5255785	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
A001A	0.50	296.1	Pg	20:42:36.294	0.7					T__		229.8			ML	2.1	5255807	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.71	94.7	Pg	20:42:39.456	-0.5					T__		715.8			ML	2.8	5255809	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.71	94.7	Lg	20:42:50.597	-0.2					T__						5255810	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A005B	0.72	259.3	Pg	20:42:40.506	0.8					T__		307.3			ML	2.4	5255808	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A339A	0.73	159.1	Pg	20:42:41.000	0.8					T__		373.5			ML	2.5	5255811	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
KRUC	0.80	314.0	Pg	20:42:41.047	0.1					T__		137.4			ML	2.1	5255772	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	0.80	314.0	Lg	20:42:52.017	-0.6					T__						5255786	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
A006A	0.86	286.0	Pg	20:42:40.816	-1.5					T__		182.3			ML	2.2	5255812	FDSN	Z3	00	BUD	iLoc	HHE	HHZ	_
A006A	0.86	286.0	Lg	20:42:54.795	-0.0					T__						5255813	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A338A	0.88	124.0	Pg	20:42:43.614	0.5					T__		246.2			ML	2.4	5255814	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	0.88	124.0	Lg	20:42:56.679	-0.4					T__						5255815	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
A331A	0.90	44.1	Pn	20:42:45.086	0.8					T__		108.1			ML	2.0	5255816	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
VRAC	0.92	331.0	Pg	20:42:43.239	0.3					T__		125.1			ML	2.1	5255773	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
VRAC	0.92	331.0	Lg	20:42:56.009	-0.2					T__						5255787	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
SOP	0.96	210.2	Sn	20:42:59.053	-0.1					T__						5255788	FDSN	HU	--	BUD	iLoc	BHN	???	_	

SR0	0.99	134.6	Pg	20:42:45.071	-0.1	T__	695.5	___	ML	2.9	5255774	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.99	134.6	Sn	20:42:59.892	-0.6	T__		---			5255789	FDSN	SK	--	BUD	iLoc	EHN	???	_
	(Reading ML: 2.9 magdef=1)																		
	(Station ML: 2.9 magdef=0)																		
A008A	1.09	263.1	Pg	20:42:46.159	-0.3	T__	104.0	___	ML	2.1	5255817	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	1.09	263.1	Lg	20:43:01.887	0.6	T__		---			5255818	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
	(Reading ML: 2.1 magdef=1)																		
	(Station ML: 2.1 magdef=1)																		
EGYH	1.09	177.8	Pn	20:42:47.263	0.5	T__	189.7	___	ML	2.4	5255775	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	1.09	177.8	Lg	20:43:02.425	-0.3	T__		---			5255791	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.4 magdef=1)																		
	(Station ML: 2.4 magdef=1)																		
CONA	1.11	238.8	Pg	20:42:46.678	-0.8	T__	134.1	___	ML	2.2	5255776	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.11	238.8	Sn	20:43:03.049	-0.3	T__		---			5255790	FDSN	OE	--	BUD	iLoc	BHN	???	_
	(Reading ML: 2.2 magdef=1)																		
	(Station ML: 2.2 magdef=1)																		
HU09A	1.15	139.1	Pn	20:42:47.838	0.4	T__	238.0	___	ML	2.5	5255821	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	1.15	139.1	Sn	20:43:03.904	-0.5	T__		---			5255822	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.5 magdef=1)																		
	(Station ML: 2.5 magdef=0)																		
HU08A	1.17	157.6	Pg	20:42:48.574	0.1	T__	100.2	___	ML	2.1	5255823	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.17	157.6	Sn	20:43:05.467	0.7	T__		---			5255824	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.1 magdef=1)																		
	(Station ML: 2.1 magdef=1)																		
A007A	1.17	280.8	Pg	20:42:47.177	-0.9	T__	132.7	___	ML	2.3	5255819	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A007A	1.17	280.8	Lg	20:43:03.495	-1.3	T__		---			5255820	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
	(Reading ML: 2.3 magdef=1)																		
	(Station ML: 2.3 magdef=1)																		
A336A	1.19	102.9	Pn	20:42:48.617	0.6	T__	193.0	___	ML	2.4	5255825	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.4 magdef=1)																		
	(Station ML: 2.4 magdef=1)																		
MORC	1.28	7.9	Pn	20:42:49.610	-0.0	T__	122.6	___	ML	2.3	5255777	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	1.28	7.9	Sn	20:43:08.134	-0.2	T__		---			5255792	FDSN	CZ	--	BUD	iLoc	BHE	???	_
	(Reading ML: 2.3 magdef=1)																		
	(Station ML: 2.3 magdef=1)																		
A013A	1.32	250.9	Pn	20:42:50.134	-0.1	T__	146.5	___	ML	2.4	5255826	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	1.32	250.9	Sn	20:43:09.456	1.3	T__		---			5255827	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
	(Reading ML: 2.4 magdef=1)																		
	(Station ML: 2.4 magdef=1)																		
CSKK	1.33	149.5	Pg	20:42:51.404	-0.4	T__	95.9	___	ML	2.2	5255834	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
CSKK	1.33	149.5	Sn	20:43:10.345	1.4	T__		---			5255793	FDSN	HU	--	BUD	iLoc	HHE	???	_
	(Reading ML: 2.2 magdef=1)																		
	(Station ML: 2.2 magdef=1)																		
HU10A	1.35	119.0	Sn	20:43:11.533	2.1	T__		---			5255828	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
MPLH	1.35	172.2	Pn	20:42:51.654	1.4	T__	86.2	___	ML	2.2	5255778	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.35	172.2	Sn	20:43:10.930	1.7	T__		---			5255794	FDSN	HU	--	BUD	iLoc	BHN	???	_
	(Reading ML: 2.2 magdef=1)																		
	(Station ML: 2.2 magdef=1)																		
TREC	1.41	304.4	Pn	20:42:51.532	-0.0	T__	79.4	___	ML	2.2	5255780	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
TREC	1.41	304.4	Sn	20:43:10.718	-0.1	T__		---			5255795	FDSN	CZ	--	BUD	iLoc	BHN	???	_
	(Reading ML: 2.2 magdef=1)																		
	(Station ML: 2.2 magdef=1)																		
OKC	1.45	23.1	Pn	20:42:51.976	0.1	T__	33.9	___	ML	1.8	5255779	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_

OKC	1.45	23.1	Sn	20:43:12.126	-0.1	T__			5255796	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																		
(Station ML: 1.8 magdef=0)																		
STEB	1.46	12.8	Pn	20:42:52.300	0.2	T__			38012818	FDSN	IR	--	ISC	iLoc	???	???	_	
STEB	1.46	12.8	Sn	20:43:11.900	-0.7	T__	15.0	0.60	__e ML	1.5	38012819	FDSN	IR	--	ISC	iLoc	???	???
(Reading ML: 1.5 magdef=1)																		
(Station ML: 1.5 magdef=0)																		
LANS	1.59	65.4	Pn	20:42:54.727	0.8	T__	38.8		___ ML	2.0	5255797	FDSN	SK	--	BUD	iLoc	EHZ	EHZ
(Reading ML: 2.0 magdef=1)																		
(Station ML: 2.0 magdef=0)																		
A018A	1.66	243.2	Pn	20:42:55.406	0.3	T__	69.3		___ ML	2.3	5255829	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ
(Reading ML: 2.3 magdef=1)																		
(Station ML: 2.3 magdef=1)																		
HU03A	1.67	110.4	Pn	20:42:55.742	1.1	T__	91.6		___ ML	2.4	5255830	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ
(Reading ML: 2.4 magdef=1)																		
(Station ML: 2.4 magdef=1)																		
ARSA	1.72	223.7	Pn	20:42:56.616	0.8	T__	80.6		___ ML	2.4	5255798	FDSN	OE	--	BUD	iLoc	BHZ	BHZ
ARSA	1.72	223.7	Lg	20:43:20.042	-0.4	T__			___		5255799	FDSN	OE	--	BUD	iLoc	BHE	???
(Reading ML: 2.4 magdef=1)																		
(Station ML: 2.4 magdef=1)																		
A019A	1.81	234.8	Pn	20:42:56.647	-0.8	T__	64.0		___ ML	2.3	5255831	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ
(Reading ML: 2.3 magdef=1)																		
(Station ML: 2.3 magdef=1)																		
PSZ	1.85	107.7	Pn	20:42:59.803	2.4	T__	76.7		___ ML	2.4	5255800	FDSN	GE	--	BUD	iLoc	BHZ	BHZ
(Reading ML: 2.4 magdef=1)																		
(Station ML: 2.4 magdef=1)																		
DPC	1.94	341.8	Pn	20:43:00.700	1.6	T__			__e		38012815	FDSN	IR	--	ISC	iLoc	???	???
CKRC	1.99	280.1	Pn	20:42:59.728	0.2	T__	162.5		___ ML	2.8	5255781	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ
CKRC	1.99	280.1	Sn	20:43:25.806	1.3	T__			___		5255801	FDSN	CZ	--	BUD	iLoc	BHN	???
(Reading ML: 2.8 magdef=1)																		
(Station ML: 2.8 magdef=0)																		
MOA	2.12	252.9	Pn	20:43:01.730	0.1	T__	0.8	0.22	__e ML	0.6	26237464	FDSN	IR	--	ISC	iLoc	???	???
MOA	2.12	252.9	Sn	20:43:28.533	0.5	T__	4.6	0.38	___ ML	1.3	26237465	FDSN	IR	--	ISC	iLoc	???	???
(Reading ML: 1.3 magdef=1)																		
(Station ML: 1.3 magdef=0)																		
JOS	2.17	89.2	Pn	20:43:02.895	1.2	T__	62.1		___ ML	2.5	5255832	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ
(Reading ML: 2.5 magdef=1)																		
(Station ML: 2.5 magdef=0)																		
NIE	2.19	64.4	Pn	20:43:03.920	1.5	T__	36.9		___ ML	2.3	5255782	FDSN	PL	--	BUD	iLoc	BHZ	BHZ
NIE	2.19	64.4	Sn	20:43:32.556	0.7	T__			___		5255802	FDSN	PL	--	BUD	iLoc	BHE	???
(Reading ML: 2.3 magdef=1)																		
(Station ML: 2.3 magdef=1)																		
HU02A	2.21	98.9	Lg	20:43:38.249	-2.6	T__			___		5255833	FDSN	ZJ	00	BUD	iLoc	HHE	???
PRU	2.32	310.6	Pg	20:43:09.589	0.1	T__	61.8		___ ML	2.6	5255803	FDSN	CZ	--	BUD	iLoc	BHE	BHZ
(Reading ML: 2.6 magdef=1)																		
(Station ML: 2.6 magdef=0)																		
SOKA	2.38	220.4	Pn	20:43:04.448	-0.7	T__	1.2	0.38	__e ML	0.9	26237470	FDSN	IR	--	ISC	iLoc	???	???
(Reading ML: 0.9 magdef=1)																		
(Station ML: 0.9 magdef=0)																		
MORH	2.48	157.4	Pn	20:43:06.151	0.6	T__	13.5		___ ML	2.0	5255783	FDSN	HU	--	BUD	iLoc	BHZ	BHZ
(Reading ML: 2.0 magdef=1)																		
(Station ML: 2.0 magdef=1)																		
BIOA	2.57	252.7	Pn	20:43:07.829	-0.2	T__	1.1	0.22	__e ML	1.0	26237456	FDSN	IR	--	ISC	iLoc	???	???

BIOA	2.57	252.7	Sn	20:43:40.537	1.3	T__	6.5	0.48	_i ML	1.7	26237457	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
OBKA	2.72	223.7	Pn	20:43:09.185	-0.9	T__	1.3	0.50	_e ML	1.1	26237466	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	2.72	223.7	Sn	20:43:44.317	0.8	T__	1.5	0.42	_e ML	1.2	26237467	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=0)																			
CRES	2.96	205.4	Pn	20:43:14.248	1.3	T__	197.6		_ ML	3.4	5255804	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=0)																			
KBA	3.01	243.0	Pn	20:43:13.034	-1.6	T__	0.7	0.32	_e ML	1.0	26237460	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	3.01	243.0	Sn	20:43:52.471	1.6	T__	0.6	0.22	_e ML	1.0	26237461	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=0)																			
LESA	3.27	252.3	Pg	20:43:26.352	-1.1	T__	0.7	0.28	_i ML	1.2	26237462	FDSN	IR	--	ISC	iLoc	???	???	_
LESA	3.27	252.3	Lg	20:44:10.362	-0.8	T__	1.0	0.22	_e ML	1.3	26237463	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
NKC	3.59	300.5	Lg	20:44:18.800	-2.2	T__			_e		38012817	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/02/11	07:59:36.98	1.23	2.92	47.2380	18.2038	7.9	6.7	119	0.0f	5	4	146	0.13	1.07	sx	BUD	16000126	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	
CSKK	0.13	17.1	Pg	07:59:40.212	-0.0					T__		5151.1		___	ML	2.4	5259627	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	17.1	Lg	07:59:41.912	-1.4					T__				---		5259623	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.27	315.5	Lg	07:59:50.634	2.6					T__				---		5259625	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.46	261.7	Lg	07:59:51.647	-2.2					T__				---		5259626	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	1.07	163.4	Lg	08:00:15.502	1.7					T__				---		5259624	FDSN	HU	--	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
2020/02/11	09:12:22.97	1.27	0.80	48.5918	20.7792	7.6	4.2	11	0.0f	10	6	190	0.19	1.03	sx	BUD	16000128	BUD			256	

Magnitude Err Nsta Author OrigID

ML 1.6 0.2 5 BUD 16000128

Sta	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	239.0	Pg	09:12:27.001	0.1					T__		457.5		___	ML	1.5	5259692	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	239.0	Lg	09:12:30.660	0.7					T__				---		5259693	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
KECS	0.22	241.0	Pg	09:12:27.556	-0.1					T__		1640.4		___	ML	2.1	5259688	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	241.0	Lg	09:12:31.333	0.1					T__				---		5259694	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
ABAH	0.43	133.8	Pg	09:12:32.208	0.5					T__		98.8		___	ML	1.5	5259687	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
ABAH	0.43	133.8	Lg	09:12:37.782	-1.3					T__				---		5259691	FDSN	HU	--	BUD	iLoc	HHE	???	_	

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(Station ML: 1.5 magdef=1
HU02A 0.50 199.9 Pg 09:12:34.009 0.5 T__ 79.5 --- ML 1.6 5259695 FDSN ZJ 00 BUD iLoc HHE HHZ _
HU02A 0.50 199.9 Lg 09:12:40.232 -1.3 T__ --- 5259696 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 0.90 221.6 Lg 09:12:55.177 -0.1 T__ --- 5259689 FDSN GE -- BUD iLoc BHN ??? _
LANS 1.03 303.3 Pg 09:12:43.244 -0.1 T__ 49.9 --- ML 1.8 5259690 FDSN SK -- BUD iLoc EHZ EHZ _
(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
2020/02/11 10:25:34.92 0.97 0.39 45.9872 16.0635 9.0 3.8 128 2.8 24.1 14 7 153 0.10 1.32 ke BUD 16000130 BUD 182

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Magnitude Err Nsta Author OrigID
ML 2.3 0.1 7 BUD 16000130

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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 0.10 219.7 Pg 10:25:37.147 -0.4 T__ 2173.2 --- ML 1.9 5259953 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.10 219.7 Lg 10:25:39.356 -0.3 T__ --- 5259954 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ZAG 0.17 198.5 Pg 10:25:38.678 0.3 T__ 2692.9 --- ML 2.2 5259955 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.17 198.5 Lg 10:25:41.419 0.4 T__ --- 5259962 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
CRES 0.45 249.4 Pg 10:25:43.699 -0.1 T__ 654.6 --- ML 2.4 5259956 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.45 249.4 Lg 10:25:50.678 0.2 T__ --- 5259957 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KOGS 0.48 15.7 Pg 10:25:44.959 0.5 T__ 943.0 --- ML 2.6 5259963 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.48 15.7 Lg 10:25:50.026 -0.7 T__ --- 5259958 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
BEHE 0.69 45.4 Pg 10:25:48.649 -0.1 T__ 96.3 --- ML 1.9 5259964 FDSN HU -- BUD iLoc BHZ BHZ _
BEHE 0.69 45.4 Lg 10:25:57.812 -0.1 T__ --- 5259965 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
OBKA 1.17 297.0 Pn 10:25:58.486 0.2 T__ 155.5 --- ML 2.3 5259959 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.17 297.0 Lg 10:26:12.795 -0.1 T__ --- 5259960 FDSN OE -- BUD iLoc BHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
ARSA 1.32 343.8 Pg 10:25:59.540 -0.2 T__ 118.7 --- ML 2.3 5259961 FDSN OE -- BUD iLoc BHZ BHZ _
ARSA 1.32 343.8 Sn 10:26:17.666 0.3 T__ --- 5259966 FDSN OE -- BUD iLoc BHE ??? _
(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
2020/02/12 09:54:40.25 1.02 0.89 47.1059 18.0384 5.6 4.4 78 0.0f 7 5 88 0.23 0.35 sx BUD 16000132 BUD 175

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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	
TIH	0.23	205.8	Pg	09:54:44.989	-0.4					T__		1156.7		___	ML	2.0	5260103	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.23	205.8	Lg	09:54:49.688	0.2					T__				---		5260104	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
CSKK	0.30	30.4	Lg	09:54:51.591	-0.8					T__				---		5260102	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU08A	0.33	346.6	Lg	09:54:52.907	-0.5					T__				---		5260107	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.34	117.6	Lg	09:54:54.427	0.8					T__				---		5260108	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MPLH	0.35	280.9	Pg	09:54:48.557	0.8					T__		119.4		---	ML	1.3	5260105	FDSN	HU	--	BUD	iLoc	BHE	BHZ	_
MPLH	0.35	280.9	Lg	09:54:52.710	-0.8					T__				---		5260106	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(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		
2020/02/12	10:38:07.26	0.39	1.13	47.2313	18.3151	5.2	3.6	60	0.0	0.0	7	0	101	0.14	1.27	kx	BUD	16000134	BUD					
2020/02/12	10:38:05.22	1.37	0.77	47.2302	18.2835f				0.0f		7	6	97	0.13	1.29	kx	BUD_GT	16000135	BUD			161		
(locality : Iszkaszentgyörgy Hungary)																								
(description : known quarry blast)																								
(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	10:38:11.022	-0.6					T__				---		5260392	FDSN	HU	--	iLoc	BUD	HHN	???	_	
A267A	0.31	154.4	Lg	10:38:18.402	0.8					T__				---		5260397	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
HU08A	0.32	309.6	Lg	10:38:18.244	0.5					T__				---		5260398	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
MPLH	0.51	263.5	Lg	10:38:24.075	0.2					T__				---		5260393	FDSN	HU	--	iLoc	BUD	BHE	???	_	
MORH	1.05	166.2	Pn	10:38:24.767	-1.0					T__		23.0		---	ML	1.4	5260395	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
MORH	1.05	166.2	Lg	10:38:40.901	-0.4					T__				---		5260394	FDSN	HU	--	iLoc	BUD	BHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
PSZ	1.29	57.1	Sn	10:38:47.929	-1.0					T__				---		5260396	FDSN	GE	--	iLoc	BUD	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/02/13	10:33:54.74	0.91	0.73	48.5386	20.7592	4.8	3.5	162	0.0f		16	10	87	0.15	1.32	sx	BUD	16000136	BUD			126

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 8 BUD 16000136

Sta	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	10:33:57.761	-0.2					T__		444.0		---	ML	1.4	5264355	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	253.8	Lg	10:34:01.319	0.7					T__				---		5264356	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.19	253.2	Pg	10:33:58.298	-0.5					T__		1228.8		---	ML	1.9	5264348	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.19	253.2	Lg	10:34:02.478	0.5					T__				---		5264357	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.40	127.0	Pg	10:34:02.592	-0.4					T__		122.1		---	ML	1.5	5264349	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.45 200.6 Pg 10:34:03.713 -0.5 T__ 65.6 ___ ML 1.4 5264358 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 200.6 Lg 10:34:11.647 0.2 T__ ___ 5264359 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
PSZ 0.85 223.3 Pg 10:34:12.589 -0.1 T__ 79.4 ___ ML 1.9 5264350 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.85 223.3 Lg 10:34:25.639 0.2 T__ ___ 5264351 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 0.93 341.2 Pn 10:34:14.672 0.4 T__ 55.6 ___ ML 1.8 5264352 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.93 341.2 Lg 10:34:25.883 0.3 T__ ___ 5264353 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
STHS 0.94 19.8 Pg 10:34:11.610 -0.5 T__ 78.0 ___ ML 1.9 5264354 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HOLU 1.08 90.0 Pg 10:34:15.161 -0.3 T__ ___ 5264360 FDSN UA -- BUD iLoc MHZ ??? _
TRPA 1.26 108.3 Pg 10:34:19.725 0.8 T__ 76.7 ___ ML 2.1 5264362 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.26 108.3 Sn 10:34:35.442 -2.0 T__ ___ 5264361 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
STZU 1.32 68.1 Pg 10:34:19.919 0.1 T__ ___ 5264363 FDSN UA -- BUD iLoc MHZ ??? _

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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
2020/02/13 11:28:55.33 0.47 0.57 47.2509 18.2787 5.8 4.8 108 0.0 0.0 5 0 108 0.11 1.28 kx BUD 16000138 BUD
2020/02/13 11:28:53.10 1.07 0.48 47.2302 18.2835f 0.0f 5 4 109 0.13 1.29 kx BUD_GT 16000139 BUD 206
(locality : Iszkaszentgyörgy Hungary)
(description : known quarry blast)
(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
CSKK 0.13 353.3 Pg 11:28:56.539 0.1 T__ 511.6 ___ ML 1.4 5264409 FDSN HU -- iLoc BUD HHN HHZ _
CSKK 0.13 353.3 Lg 11:28:58.773 -0.8 T__ ___ 5264405 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
MPLH 0.51 263.5 Lg 11:29:11.826 0.1 T__ ___ 5264406 FDSN HU -- iLoc BUD BHE ??? _
MORH 1.05 166.2 Lg 11:29:29.656 0.5 T__ ___ 5264407 FDSN HU -- iLoc BUD BHE ??? _
PSZ 1.29 57.1 Sn 11:29:36.615 -0.2 T__ ___ 5264408 FDSN GE -- iLoc BUD BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/02/14 10:09:03.21 0.89 0.89 48.5590 20.7711 4.4 3.5 173 0.0f 18 11 74 0.17 1.26 sx BUD 16000140 BUD 131

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```
Magnitude Err Nsta Author OrigID
ML 1.7 0.3 9 BUD 16000140
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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 0.17 247.8 Pg 10:09:06.970 0.2 T__ 372.4 ___ ML 1.3 5264727 FDSN ZJ -- BUD iLoc HHZ HHZ _

```

JOS	0.17	247.8	Lg	10:09:10.626	1.1	T__									5264728	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=0)																							
KECS	0.20	248.3	Pg	10:09:07.324	-0.2	T__	840.9								5264716	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	248.3	Lg	10:09:11.612	0.7	T__									5264717	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
ABAH	0.41	130.0	Pg	10:09:11.393	-0.2	T__	118.0								5264718	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
HU02A	0.47	200.7	Pg	10:09:12.950	-0.2	T__	66.9								5264729	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	200.7	Lg	10:09:20.445	-0.2	T__									5264730	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
PSZ	0.87	222.8	Pg	10:09:20.830	-0.7	T__	94.3								5264719	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	222.8	Lg	10:09:34.787	0.2	T__									5264720	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
STHS	0.91	19.8	Pg	10:09:20.927	0.7	T__	82.9								5264721	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
HU07A	0.96	126.7	Lg	10:09:38.151	1.1	T__									5264731	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
LANS	1.04	305.0	Pg	10:09:23.000	-0.8	T__	42.1								5264725	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.04	305.0	Lg	10:09:37.448	-1.1	T__									5264726	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
KOLS	1.06	68.8	Pn	10:09:25.079	0.6	T__	31127.7								5264722	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.06	68.8	Lg	10:09:39.917	0.0	T__									5264723	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 4.6 magdef=1)																							
(Station ML: 4.6 magdef=0)																							
HOLU	1.07	91.1	Pg	10:09:23.277	-0.5	T__									5264732	FDSN	UA	--	BUD	iLoc	MHZ	???	_
TRPA	1.26	109.3	Pn	10:09:26.937	0.0	T__	24.8								5264724	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	1.26	109.3	Sn	10:09:43.621	-2.3	T__									5264733	FDSN	HU	--	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
2020/02/14	11:50:55.63	3.30	1.20	47.7730	20.1454	24.0	6.3	172	0.0f		5	4	274	0.22	0.77	sx	BUD	16000142	BUD		341	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	16000142

Sta	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	0.22	310.8	Pg	11:51:01.205	0.3					T__		254.3			ML	1.3	5264775	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.22	310.8	Lg	11:51:04.317	-0.9					T__						5264776	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.43	36.0	Pg	11:51:04.597	-0.4					T__		87.8			ML	1.4	5264777	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.43	36.0	Lg	11:51:09.930	-2.3					---						5264778	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.75	17.7	Lg	11:51:21.762	-0.2					T__						5264779	FDSN	SK	--	BUD	iLoc	EHE	???	_	

JOS 0.77 19.9 Pg 11:51:12.404 1.4 T__ 77.4 ___ ML 1.8 5264780 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
2020/02/15	09:54:28.71	1.32	0.48	48.5364	20.8160	10.4	3.8	11	0.0f	15	8	192	0.19	1.25	sx	BUD	16000144	BUD			211	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	7 BUD	16000144

Sta	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	257.7	Pg	09:54:32.434	-0.2					T__		552.4		___	ML	1.6 5267142	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	257.7	Lg	09:54:36.288	0.5					T__				---		5267143	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																								
KECS	0.23	256.5	Pg	09:54:33.178	-0.3					T__		1171.8		_c_	ML	2.0 5267140	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.0 magdef=1																								
KECS	0.23	256.5	Lg	09:54:37.328	0.2					T__				---		5267134	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Station ML: 2.0 magdef=1																								
ABAH	0.37	130.3	Pg	09:54:36.493	0.1					T__		115.1		___	ML	1.4 5267135	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	130.3	Lg	09:54:42.389	-0.5					T__				---		5267136	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																								
HU02A	0.46	205.2	Pg	09:54:38.306	-0.1					T__		95.1		___	ML	1.6 5267144	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	205.2	Lg	09:54:45.681	-0.2					T__				---		5267145	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																								
PSZ	0.87	225.2	Pn	09:54:47.479	0.2					T__		107.1		___	ML	2.0 5267137	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.0 magdef=1																								
PSZ	0.87	225.2	Lg	09:55:00.674	0.4					T__				---		5267141	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML: 2.0 magdef=1																								
HOLU	1.04	89.9	Pn	09:54:49.547	0.1					T__				---		5267146	FDSN	UA	--	BUD	iLoc	MHZ	???	_
TRPA	1.22	108.8	Pn	09:54:51.907	-0.0					T__		38.1		___	ML	1.8 5267138	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	1.22	108.8	Sn	09:55:09.906	-0.7					T__				---		5267139	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																								
A336A	1.25	256.6	Pn	09:54:52.969	0.6					T__		101.7		___	ML	2.2 5267147	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	1.25	256.6	Sn	09:55:12.049	1.0					T__				---		5267148	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(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
2020/02/17	09:31:02.58	1.45	0.41	47.8545	19.8910	8.8	3.8	138	0.0f	8	5	226	0.06	0.77	sx	BUD	16000146	BUD			304	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	3 BUD	16000146

Sta	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	2.0	Pg	09:31:04.560	-0.1					T__		1031.2		_c_	ML	1.5 5275006	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.06	2.0	Lg	09:31:06.569	-0.1					T__				---		5275007	FDSN	GE	--	BUD	iLoc	BHE	???	_

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.20 284.2 Pg 09:31:07.100 -0.1 T__ 288.4 --- ML 1.3 5275008 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.20 284.2 Lg 09:31:10.876 0.1 T__ --- 5275009 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.50 57.6 Lg 09:31:21.151 -0.4 T__ --- 5275010 FDSN ZJ 00 BUD iLoc HHE ??? _
KECS 0.74 32.1 Lg 09:31:29.511 0.7 T__ --- 5275011 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.77 33.8 Pn 09:31:19.910 0.4 T__ 103.4 --- ML 1.9 5275012 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.77 33.8 Lg 09:31:29.996 0.2 T__ --- 5275013 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
2020/02/17	09:37:01.91	1.04	0.69	48.5606	20.7724	6.7	3.5	5	0.0f	14	9	110	0.17	1.25	sx	BUD	16000148	BUD			146	

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Magnitude Err Nsta Author OrigID
ML 1.6 0.0 7 BUD 16000148

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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	0.17	247.4	Pg	09:37:05.652	0.2					T__		354.6		---	ML	1.3	5275109	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.17	247.4	Lg	09:37:09.295	1.0					T__				---		5275110	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0)																										
KECS	0.21	248.0	Pg	09:37:06.177	-0.1					T__		1530.4		---	ML	2.1	5275102	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.21	248.0	Lg	09:37:09.570	-0.0					T__				---		5275103	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																										
ABAH	0.41	130.2	Pg	09:37:10.493	0.2					T__		159.4		---	ML	1.6	5275104	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.41	130.2	Lg	09:37:16.594	-0.8					T__				---		5275105	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																										
HU02A	0.47	200.7	Pg	09:37:11.746	-0.1					T__		101.3		---	ML	1.6	5275111	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.47	200.7	Lg	09:37:19.128	-0.3					T__				---		5275112	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																										
PSZ	0.87	222.7	Lg	09:37:33.106	-0.2					T__				---		5275106	FDSN	GE	--	BUD	iLoc	BHN	???	_		
NIE	0.91	340.2	Pn	09:37:21.775	0.6					T__		100.5		---	ML	2.0	5275107	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																										
LANS	1.04	304.9	Pg	09:37:21.954	-0.6					T__		34.9		---	ML	1.6	5275108	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																										
HOLU	1.07	91.2	Pg	09:37:22.949	0.5					T__				---		5275113	FDSN	UA	--	BUD	iLoc	MHZ	???	_		
TRPA	1.25	109.4	Pn	09:37:25.184	-0.4					T__		112.7		---	ML	2.2	5275114	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TRPA	1.25	109.4	Sn	09:37:43.161	-1.5					T__				---		5275115	FDSN	HU	--	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
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2020/02/17 10:29:36.53 0.26 1.59 47.5425 18.4832 3.4 2.5 163 0.0 0.0 17 0 76 0.12 1.81 kx BUD 16000150 BUD
 2020/02/17 10:29:34.45 0.87 1.72 47.5600 18.4573f 0.0f 17 14 73 0.09 1.79 kx BUD_GT 16000151 BUD 113
 (locality : Tatabánya Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 2.2 0.2 3 BUD 16000151

Sta	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	10:29:36.544	-0.3					T__		4180.7		---	ML	2.2	5275213	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	10:29:38.337	-0.9					T__				---		5275214	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
CSKK	0.24	214.2	Lg	10:29:42.738	-1.6					T__				---		5275215	FDSN	HU	--	iLoc	BUD	HHE	???	_	
SRO	0.27	339.1	Lg	10:29:46.150	0.8					T__				---		5275206	FDSN	SK	--	iLoc	BUD	EHE	???	_	
HU08A	0.38	250.6	Lg	10:29:48.413	-0.8					T__				---		5275216	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
BUD	0.39	101.0	Lg	10:29:49.364	-0.3					T__				---		5275207	FDSN	HU	--	iLoc	BUD	BHE	???	_	
HU10A	0.47	52.8	Pg	10:29:44.230	-0.3					T__		258.6		---	ML	2.0	5275217	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.47	52.8	Lg	10:29:51.577	-0.9					T__				---		5275218	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MPLH	0.74	238.3	Lg	10:30:02.644	2.2					T__				---		5275219	FDSN	HU	--	iLoc	BUD	BHN	???	_	
EGYH	0.78	259.8	Lg	10:30:05.155	3.4					T__				---		5275220	FDSN	HU	--	iLoc	BUD	HHN	???	_	
PSZ	1.03	69.2	Lg	10:30:11.255	-0.6					T__				---		5275209	FDSN	GE	--	iLoc	BUD	BHE	???	_	
MODS	1.14	316.2	Sn	10:30:12.108	-2.4					T__				---		5275210	FDSN	SK	--	iLoc	BUD	HHE	???	_	
MORH	1.35	174.5	Sn	10:30:16.326	-2.6					T__				---		5275208	FDSN	HU	--	iLoc	BUD	BHE	???	_	
JAVC	1.40	338.3	Sn	10:30:23.305	1.6					T__				---		5275211	FDSN	CZ	--	iLoc	BUD	BHE	???	_	
HU02A	1.50	67.2	Pn	10:30:03.802	2.1					T__		98.7		---	ML	2.3	5275221	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	1.50	67.2	Sn	10:30:23.688	0.6					T__				---		5275222	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
CONA	1.79	282.8	Sn	10:30:32.343	2.2					T__				---		5275212	FDSN	OE	--	iLoc	BUD	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/02/18	10:36:50.25	1.75	0.58	48.1850	21.4853	12.8	8.3	10	0.5	4.7	10	6	162	0.20	1.10	sx	BUD	16000152	BUD			312

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 4 BUD 16000152

Sta	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	0.20	304.2	Pg	10:36:54.564	0.1					T__		753.4		---	ML	1.7	5278086	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
ABAH	0.20	304.2	Lg	10:36:57.912	-0.2					T__				---		5278082	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML: 1.7 magdef=1)																									
HU02A	0.65	264.8	Pg	10:37:03.467	-0.2					T__		93.9		---	ML	1.8	5278087	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.65	264.8	Lg	10:37:13.984	0.3					T__				---		5278088	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.70	296.6	Pg	10:37:03.564	-0.6					T__		132.3		---	ML	2.0	5278089	FDSN	ZJ	--	BUD	iLoc	HHE	HHZ	_
JOS	0.70	296.6	Lg	10:37:14.159	-0.5					T__				---		5278090	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									


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(Station ML: 2.0 magdef=1
TRPA 0.71 94.0 Lg 10:37:15.589 -0.2 T__
KECS 0.73 294.5 Pg 10:37:05.644 0.9 T__ 92.5 --- ML 1.9 5278084 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.73 294.5 Lg 10:37:15.585 -0.0 T__ --- 5278083 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 1.10 256.6 Sn 10:37:29.543 0.6 T__ --- 5278085 FDSN GE -- 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
2020/02/18 10:55:55.72 1.18 1.18 48.5483 20.7408 7.4 3.8 12 0.0f 11 7 162 0.14 1.27 sx BUD 16000154 BUD 219

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Magnitude Err Nsta Author OrigID
ML 1.6 0.0 6 BUD 16000154

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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 0.14 248.7 Pg 10:55:58.991 0.2 T__ 279.1 --- ML 1.1 5278160 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.14 248.7 Lg 10:56:02.649 1.3 T__ --- 5278161 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
KECS 0.18 249.1 Pg 10:55:59.715 0.1 T__ 628.7 --- ML 1.6 5278154 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.18 249.1 Lg 10:56:02.577 -0.0 T__ --- 5278155 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.42 127.0 Pg 10:56:04.384 0.1 T__ 161.6 --- ML 1.7 5278157 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.42 127.0 Lg 10:56:12.518 1.0 T__ --- 5278156 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.45 198.7 Pg 10:56:04.402 -0.9 T__ 106.5 --- ML 1.6 5278162 FDSN ZJ 00 BUD iLoc HHN HHZ _
HU02A 0.45 198.7 Lg 10:56:12.230 -0.4 T__ --- 5278163 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 0.85 222.2 Pg 10:56:13.020 -0.6 T__ 104.9 --- ML 2.0 5278158 FDSN GE -- BUD iLoc BHZ BHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
LANS 1.03 306.1 Pg 10:56:15.330 -0.8 T__ 36.6 --- ML 1.6 5278159 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
TRPA 1.27 108.5 Sn 10:56:36.274 -2.5 T__ --- 5278164 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
2020/02/19 08:15:21.23 1.70 0.76 47.3002 17.6694 24.7 5.0 141 0.0f 4 3 198 0.16 0.41 sx BUD 16000156 BUD 331

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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
MPLH 0.16 214.3 Pg 08:15:25.309 0.3 T__ 269.2 --- ML 1.2 5282330 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.16 214.3 Lg 08:15:27.619 -0.6 T__ --- 5282331 FDSN HU -- BUD iLoc BHE ??? _
HU08A 0.22 52.7 Lg 08:15:30.006 -0.4 T__ --- 5282332 FDSN ZJ 00 BUD iLoc HHE ??? _
CSKK 0.41 80.9 Lg 08:15:36.966 -0.1 T__ --- 5282333 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
2020/02/19	09:20:01.46	2.25	1.73	47.0920	17.9418	17.1	7.4	164	0.0f	4	3	247	0.29	0.35	sx	BUD	16000158	BUD				319

Magnitude	Err	Nsta	Author	OrigID

Sta	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	0.29	286.0	Lg	09:20:12.045	-0.7					T__						5282360	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
HU08A	0.34	357.9	Lg	09:20:15.041	0.2					T__						5282361	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
CSKK	0.35	38.6	Pg	09:20:09.438	0.5					T__		93.8			ML	1.2	5282362	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.35	38.6	Lg	09:20:13.836	-1.5					T__						5282359	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
2020/02/20	08:40:32.75	1.24	0.65	47.9822	20.3499	11.6	3.7	147	3.0f	10	5	196	0.18	0.67	ke	BUD	16000160	BUD				308

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	5 BUD	16000160

Sta	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	39.9	Pg	08:40:36.780	-0.1					T__		298.1			ML	1.3	5282688	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	39.9	Lg	08:40:39.821	-0.4					T__						5282689	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
		(Reading ML: 1.3 magdef=1																							
		(Station ML: 1.3 magdef=1																							
PSZ	0.31	258.4	Pg	08:40:40.073	0.4					T__		71.5			ML	1.0	5282683	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.31	258.4	Lg	08:40:43.938	-0.9					T__						5282687	FDSN	GE	--	BUD	iLoc	BHE	???	_	
		(Reading ML: 1.0 magdef=1																							
		(Station ML: 1.0 magdef=0																							
KECS	0.51	10.2	Pg	08:40:42.949	0.0					T__		95.0			ML	1.7	5282685	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.51	10.2	Lg	08:40:50.073	-0.5					T__						5282684	FDSN	SK	--	BUD	iLoc	EHE	???	_	
		(Reading ML: 1.7 magdef=1																							
		(Station ML: 1.7 magdef=1																							
JOS	0.53	13.8	Pg	08:40:43.694	0.4					T__		48.6			ML	1.5	5282691	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	13.8	Lg	08:40:51.821	0.6					T__						5282690	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
		(Reading ML: 1.5 magdef=1																							
		(Station ML: 1.5 magdef=1																							
ABAH	0.67	61.9	Pn	08:40:47.096	-0.6					T__		77.0			ML	1.8	5282686	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.67	61.9	Lg	08:40:57.715	0.8					T__						5282682	FDSN	HU	--	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	
2020/02/20	09:06:32.40	0.26	1.82	46.8166	17.2575	3.1	2.7	146	0.0	0.0	17	0	56	0.15	1.46	kx	BUD	16000162	BUD				
2020/02/20	09:06:30.90	0.87	1.77	46.8548	17.2699f				0.0f		17	13	49	0.13	1.44	kx	BUD_GT	16000163	BUD				98

(locality : Várvolgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.5	4 BUD	16000163

Sta	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	09:06:35.292	1.1					T__		12407.5		---	ML	2.7	5282794	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
A261A	0.13	319.5	Lg	09:06:38.382	1.6					T__				---		5282795	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
A263A	0.22	171.8	Lg	09:06:40.649	1.1					T__				---		5282796	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
MPLH	0.37	30.2	Pg	09:06:38.002	-0.8					T__		627.3		---	ML	2.1	5282791	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
MPLH	0.37	30.2	Lg	09:06:44.449	-0.5					T__				---		5282797	FDSN	HU	--	iLoc	BUD	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
TIH	0.43	83.7	Lg	09:06:42.990	-3.8					T__				---		5282784	FDSN	HU	--	iLoc	BUD	HHE	???	_	
BEHE	0.51	221.7	Lg	09:06:47.468	-1.5					T__				---		5282792	FDSN	HU	--	iLoc	BUD	BHE	???	_	
EGYH	0.56	4.3	Lg	09:06:52.740	1.3					T__				---		5282798	FDSN	HU	--	iLoc	BUD	HHN	???	_	
HU08A	0.73	37.5	Lg	09:06:59.195	1.6					T__				---		5282799	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
KOGS	0.81	240.3	Pg	09:06:46.155	-0.8					T__		478.5		---	ML	2.6	5282785	FDSN	SL	--	iLoc	BUD	BHZ	BHZ	_
KOGS	0.81	240.3	Lg	09:06:56.881	-0.7					T__				---		5282786	FDSN	SL	--	iLoc	BUD	BHE	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
A267A	0.84	83.3	Lg	09:07:03.199	2.0					T__				---		5282800	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
CSKK	0.85	52.7	Lg	09:06:58.581	-3.4					T__				---		5282787	FDSN	HU	--	iLoc	BUD	HHE	???	_	
MORH	1.14	123.5	Pn	09:06:52.596	-0.3					T__		18.2		---	ML	1.4	5282793	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
MORH	1.14	123.5	Sn	09:07:08.662	-1.1					T__				---		5282788	FDSN	HU	--	iLoc	BUD	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ARSA	1.26	289.0	Lg	09:07:11.710	0.7					T__				---		5282789	FDSN	OE	--	iLoc	BUD	BHE	???	_	
CONA	1.44	318.8	Lg	09:07:19.916	2.1					T__				---		5282790	FDSN	OE	--	iLoc	BUD	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/02/20	09:43:32.17	0.86	0.98	48.5122	19.3210	4.8	3.9	20	0.0f		17	9	82	0.35	1.37	sx	BUD	16000164	BUD			162

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	8 BUD	16000164

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A336A	0.35	217.7	Pg	09:43:40.019	0.6					T__		372.6		---	ML	1.9	5282877	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.35	217.7	Lg	09:43:45.750	0.7					T__				---		5282878	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
LANS	0.65	8.6	Pg	09:43:45.061	0.1					T__		32.1		---	ML	1.4	5282866	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.65	8.6	Lg	09:43:54.324	0.5					T__				---		5282874	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
PSZ	0.71	146.9	Pg	09:43:47.351	0.1					T__		71.3		---	ML	1.7	5282867	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.71	146.9	Lg	09:43:57.784	-0.3					T__				---		5282875	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.78	91.7	Pg	09:43:47.403	-0.2					T__		147.5		---	ML	2.1	5282876	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.78	91.7	Lg	09:43:58.852	-0.4					T__				---		5282868	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
JOS	0.81	90.7	Pg	09:43:48.926	0.7					T__		69.6		---	ML	1.8	5282879	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.81	90.7	Lg	09:44:00.184	-0.2	T__								5282880	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
HU02A	0.89	115.5	Pg	09:43:50.666	0.1	T__	43.9			ML	1.6	5282881	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU02A	0.89	115.5	Lg	09:44:02.809	-1.5	T__						5282882	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
JAVC	1.15	288.2	Pn	09:43:54.781	-0.2	T__	130.2			ML	2.3	5282869	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_		
JAVC	1.15	288.2	Lg	09:44:11.015	-1.7	T__						5282870	FDSN	CZ	--	BUD	iLoc	BHE	???	_		
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=0)																						
ABAH	1.30	98.9	Pg	09:43:58.750	1.2	T__	67.0			ML	2.0	5282871	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
MODS	1.37	264.9	Pn	09:43:57.987	0.1	T__						5282872	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	1.37	264.9	Sn	09:44:15.900	-2.2	T__						5282873	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
2020/02/20	10:18:15.44	0.91	0.52	48.3871	19.5606	5.4	3.3	173	0.0f		12	7	93	0.41	1.19	sx	BUD	16000166	BUD		176	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	6 BUD	16000166

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A336A	0.41	247.9	Pg	10:18:23.812	0.0					T__		255.5			ML	1.8	5283054	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.41	247.9	Lg	10:18:30.226	-0.0					T__						5283055	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.52	154.4	Pg	10:18:26.839	0.1					T__		67.4			ML	1.6	5283049	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.52	154.4	Lg	10:18:34.473	-0.5					T__						5283050	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
KECS	0.62	80.8	Pg	10:18:28.519	0.6					T__		103.4			ML	1.9	5283052	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.62	80.8	Lg	10:18:37.577	0.2					T__						5283051	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.66	80.2	Pg	10:18:28.668	0.0					T__		57.9			ML	1.6	5283056	FDSN	ZJ	--	BUD	iLoc	HHE	HHZ	_
JOS	0.66	80.2	Lg	10:18:38.337	-0.3					T__						5283057	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.70	112.0	Pg	10:18:30.345	0.4					T__		57.9			ML	1.7	5283058	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.70	112.0	Lg	10:18:40.122	-0.8					T__						5283059	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
LANS	0.77	355.4	Lg	10:18:40.249	-0.8					T__						5283053	FDSN	SK	--	BUD	iLoc	EHE	???	_	
A337A	1.19	263.8	Pg	10:18:39.961	0.6					T__		595.0			ML	2.9	5283060	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(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
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2020/02/20 10:53:27.50 0.98 0.69 47.3318 18.4001 5.5 3.9 143 0.0f 11 7 112 0.10 1.17 sx BUD 16000168 BUD 195

Magnitude Err Nsta Author OrigID
ML 2.1 0.1 4 BUD 16000168

Sta	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	288.3	Pg	10:53:30.366	0.2					T__		3899.6		---	ML	2.2 5283149	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	288.3	Lg	10:53:32.198	-0.5					T__				---		5283139	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																								
HU09A	0.31	357.8	Lg	10:53:39.593	-0.2					T__				---		5283145	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU08A	0.34	287.3	Lg	10:53:40.562	-0.2					T__				---		5283146	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
MPLH	0.61	254.9	Pg	10:53:40.411	0.4					T__		77.6		---	ML	1.7 5283144	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
MPLH	0.61	254.9	Lg	10:53:48.771	-0.6					T__				---		5283140	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
HU10A	0.66	39.0	Pg	10:53:41.509	0.2					T__		168.3		---	ML	2.1 5283147	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.66	39.0	Lg	10:53:51.725	-0.4					T__				---		5283148	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
MORH	1.13	171.4	Lg	10:54:05.884	-0.4					T__				---		5283141	FDSN	HU	--	BUD	iLoc	BHN	???	_
PSZ	1.17	59.3	Pn	10:53:51.208	1.0					T__		81.5		---	ML	2.1 5283142	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.17	59.3	Sn	10:54:07.074	-1.2					T__				---		5283143	FDSN	GE	--	BUD	iLoc	BHN	???	_
(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
2020/02/20 11:09:10.73 1.22 0.73 48.5822 20.6930 6.9 4.2 4 0.0f 10 6 182 0.13 0.99 sx BUD 16000170 BUD 253

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 5 BUD 16000170

Sta	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	229.8	Pg	11:09:13.668	0.0					T__		170.9		---	ML	0.9 5283203	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.13	229.8	Lg	11:09:17.226	1.3					T__				---		5283204	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0)																								
KECS	0.17	234.4	Pg	11:09:14.290	-0.1					T__		513.2		---	ML	1.5 5283197	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.17	234.4	Lg	11:09:17.597	0.4					T__				---		5283198	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
ABAH	0.46	128.0	Pg	11:09:20.651	0.5					T__		92.9		---	ML	1.6 5283200	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.46	128.0	Lg	11:09:27.368	-0.8					T__				---		5283199	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																								
HU02A	0.47	193.7	Pg	11:09:20.339	-0.4					T__		53.6		---	ML	1.3 5283205	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_
HU02A	0.47	193.7	Lg	11:09:27.932	-0.5					T__				---		5283206	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
PSZ	0.85	219.1	Lg	11:09:40.753	-0.8					T__				---		5283201	FDSN	GE	--	BUD	iLoc	BHN	???	_
LANS	0.99	305.6	Pg	11:09:29.964	-0.3					T__		28.5		---	ML	1.5 5283202	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(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
2020/02/20	12:29:56.31	1.55	0.68	48.5523	21.8118	17.0	8.4	165	5.0	15.2	12	7	142	0.38	1.43	sx	BUD	16000172	BUD		187	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	5 BUD	16000172

Sta	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	0.38	93.6	Pn	12:30:08.377	-0.1					T__						5283262	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
ABAH	0.46	236.3	Pg	12:30:05.821	0.4					T__		96.8			ML	1.6	5283256	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.46	236.3	Lg	12:30:11.776	-1.3					T__						5283257	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
STZU	0.71	48.8	Pn	12:30:12.859	-0.1					T__						5283263	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
JOS	0.85	266.6	Pg	12:30:12.991	-0.0					T__		79.1			ML	1.9	5283264	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.85	266.6	Lg	12:30:24.698	-0.7					T__						5283265	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KECS	0.88	266.0	Pg	12:30:14.117	0.3					T__		103.8			ML	2.0	5283258	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.88	266.0	Lg	12:30:27.450	0.8					T__						5283259	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	0.96	243.9	Pn	12:30:14.661	-0.6					T__		58.9			ML	1.8	5283266	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.96	243.9	Lg	12:30:29.956	0.2					T__						5283267	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	1.43	244.4	Pn	12:30:22.259	0.4					T__		72.9			ML	2.2	5283261	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.43	244.4	Sn	12:30:41.699	-0.2					T__						5283260	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(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
2020/02/20	12:37:00.42	1.60	1.03	48.5879	21.7925	15.7	8.3	166	4.0	15.4	12	7	147	0.40	1.43	sx	BUD	16000174	BUD		194	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	16000174

Sta	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	0.40	98.6	Pn	12:37:12.842	-0.1					T__						5283323	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
ABAH	0.47	231.8	Pg	12:37:10.178	0.4					T__		103.0			ML	1.6	5283317	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.47	231.8	Lg	12:37:15.979	-1.6					T__						5283318	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
STZU	0.70	51.7	Pn	12:37:16.863	-0.2					T__						5283324	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
JOS	0.84	264.1	Pg	12:37:17.173	0.2					T__		68.3			ML	1.8	5283325	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.84	264.1	Lg	12:37:28.461	-0.8					T__						5283326	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.87	263.6	Pg	12:37:17.811	0.1					T__		97.8			ML	2.0	5283320	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_

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KECS  0.87 263.6 Lg      12:37:31.043  0.5      T__          ---          5283319  FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1
HU02A  0.97 241.6 Pn      12:37:19.412 -0.1      T__          63.9      --- ML      1.8 5283327  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A  0.97 241.6 Lg      12:37:33.820 -0.3      T__          ---          5283328  FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
PSZ    1.43 242.9 Pn      12:37:27.379  1.2      T__          100.9     --- ML      2.3 5283321  FDSN GE      -- BUD  iLoc  BHZ BHZ _
PSZ    1.43 242.9 Sn      12:37:48.244  1.8      T__          ---          5283322  FDSN GE      -- BUD  iLoc  BHN ??? _
(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
2020/02/21 09:40:23.23  1.07  1.02  48.5544  20.7301  5.9  3.6  17  0.5f  13  7  162  0.14  1.28  sx BUD  16000176  BUD  222

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Magnitude  Err Nsta Author  OrigID
ML         1.6 0.2   6 BUD    16000176

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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  245.2 Pg      09:40:26.551  0.4      T__          449.3     --- ML      1.3 5286370  FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS  0.14  245.2 Lg      09:40:30.093  1.6      T__          ---          5286371  FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=0
KECS  0.18  246.4 Pg      09:40:27.002  0.1      T__          1140.9    --- ML      1.9 5286362  FDSN SK      -- BUD  iLoc  EHZ EHZ _
KECS  0.18  246.4 Lg      09:40:28.885 -0.9      T__          ---          5286363  FDSN SK      -- BUD  iLoc  EHE ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
ABAH  0.43  127.1 Pg      09:40:32.295  0.5      T__          99.3      --- ML      1.5 5286365  FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH  0.43  127.1 Lg      09:40:38.147 -0.8      T__          ---          5286364  FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
HU02A  0.45  197.6 Pg      09:40:32.666 -0.1      T__          85.5      --- ML      1.5 5286372  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A  0.45  197.6 Lg      09:40:40.137  0.1      T__          ---          5286373  FDSN ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
PSZ    0.85  221.6 Pg      09:40:39.725 -1.3      T__          104.1     --- ML      2.0 5286366  FDSN GE      -- BUD  iLoc  BHZ BHZ _
PSZ    0.85  221.6 Lg      09:40:53.291 -0.3      T__          ---          5286369  FDSN GE      -- BUD  iLoc  BHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=0
LANS  1.03  306.1 Pg      09:40:42.931 -0.5      T__          42.5      --- ML      1.7 5286367  FDSN SK      -- BUD  iLoc  EHZ EHZ _
LANS  1.03  306.1 Lg      09:40:58.096  0.4      T__          ---          5286368  FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
TRPA  1.28  108.7 Sn      09:41:04.292 -1.9      T__          ---          5286374  FDSN HU      -- BUD  iLoc  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
2020/02/22 21:01:51.28  0.83  1.01  47.4027  18.2824  4.5  2.8  137  4.0  8.1  23  14  87  0.04  1.41  ke BUD  16000178  BUD  119

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Magnitude  Err Nsta Author  OrigID
ML         1.9 0.3   9 BUD    16000178

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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	0.04	200.6	Pg	21:01:53.321	0.6					T__		3123.7		___	ML	1.9	5287663	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.04	200.6	Lg	21:01:54.828	0.7					T__				---		5287641	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU08A	0.25	276.8	Pg	21:01:55.731	-0.7					T__		355.0		___	ML	1.5	5287655	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.25	276.8	Lg	21:01:59.178	-1.4					T__				---		5287656	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU09A	0.25	16.0	Pg	21:01:56.106	-0.3					T__		438.2		___	ML	1.6	5287653	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.25	16.0	Lg	21:01:59.798	-0.9					T__				---		5287654	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
SR0	0.41	2.9	Pg	21:02:00.906	1.3					T__		460.1		___	ML	2.1	5287642	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.41	2.9	Lg	21:02:06.537	0.1					T__				---		5287643	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
BUD	0.51	80.6	Lg	21:02:08.936	-1.0					T__				---		5287651	FDSN	HU	--	BUD	iLoc	BHN	???	_	
MPLH	0.56	245.6	Pg	21:02:02.996	0.5					T__		87.4		___	ML	1.8	5287645	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.56	245.6	Lg	21:02:10.768	0.1					T__				---		5287646	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
EGYH	0.65	271.6	Lg	21:02:14.406	0.8					T__				---		5287644	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.67	48.1	Pg	21:02:05.324	0.4					T__		136.2		___	ML	2.0	5287657	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A336A	0.96	29.9	Pn	21:02:10.944	0.7					T__		117.6		___	ML	2.1	5287658	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.96	29.9	Lg	21:02:23.691	-1.4					T__				---		5287659	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A335A	1.05	2.0	Pn	21:02:11.889	0.3					T__		140.5		___	ML	2.2	5287660	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	1.05	2.0	Sn	21:02:25.696	-1.9					T__				---		5287661	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
MODS	1.18	325.5	Pn	21:02:13.330	-0.3					T__				---		5287649	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.18	325.5	Sn	21:02:29.279	-1.8					T__				---		5287650	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.21	168.1	Pg	21:02:15.012	0.1					T__		27.5		___	ML	1.6	5287647	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.21	168.1	Sn	21:02:31.006	0.0					T__				---		5287648	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOVH	1.32	185.5	Sn	21:02:34.982	1.3					T__				---		5287652	FDSN	HU	--	BUD	iLoc	BHE	???	_	
A332A	1.41	4.9	Sn	21:02:36.818	0.2					T__				---		5287662	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
 2020/02/24 10:06:17.77 1.60 0.79 48.1734 21.1589 11.8 4.5 150 0.0f 9 5 230 0.13 0.89 ke BUD 16000180 BUD 305

Magnitude Err Nsta Author OrigID
 ML 1.5 0.4 4 BUD 16000180

Sta	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	23.7	Pg	10:06:21.398	0.4					T__		172.3		_c_	ML	0.9	5300409	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

ABAH	0.13	23.7	Lg	10:06:22.834	-1.1	T__								5300410	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																						
(Station ML: 0.9 magdef=1)																						
HU02A	0.43	263.4	Pg	10:06:27.113	0.2	T__	69.0			ML	1.3	5300414	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU02A	0.43	263.4	Lg	10:06:33.556	-0.5	T__								5300415	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																						
(Station ML: 1.3 magdef=1)																						
JOS	0.52	308.2	Pg	10:06:28.791	0.5	T__	80.3			ML	1.7	5300416	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_		
JOS	0.52	308.2	Lg	10:06:35.702	-0.7	T__								5300417	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
KECS	0.55	304.9	Pg	10:06:29.690	0.9	T__	99.9			ML	1.8	5300412	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		
KECS	0.55	304.9	Lg	10:06:36.493	-0.7	T__								5300411	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
PSZ	0.89	253.7	Lg	10:06:49.389	-0.5	T__								5300413	FDSN	GE	--	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
2020/02/24	10:06:53.66	1.49	0.64	48.1807	21.1478	11.1	4.4	153	0.0f		9	5	225	0.13	0.88	ke	BUD	16000182	BUD		305	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	16000182

Sta	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	28.0	Pg	10:06:57.117	0.3					T__		137.4			ML	0.8	5300475	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.13	28.0	Lg	10:06:58.958	-0.7					T__						5300476	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
HU02A	0.42	262.2	Pg	10:07:02.928	0.2					T__		59.7			ML	1.2	5300477	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	262.2	Lg	10:07:09.089	-0.6					T__						5300478	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
JOS	0.51	308.1	Pg	10:07:04.589	0.6					T__		61.8			ML	1.5	5300479	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	308.1	Lg	10:07:11.346	-0.6					T__						5300480	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.54	304.7	Pg	10:07:05.014	0.5					T__		90.3			ML	1.7	5300473	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.54	304.7	Lg	10:07:12.077	-0.6					T__						5300472	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.88	253.1	Lg	10:07:25.286	-0.3					T__						5300474	FDSN	GE	--	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	
2020/02/24	10:25:01.61	1.59	0.80	48.5692	20.7687	6.3	3.5	9	0.0		2.8	16	9	124	0.17	1.31	sx	BUD	16000184	BUD		174	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	7 BUD	16000184

Sta	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	244.4	Pg	10:25:05.654	0.5					T__		655.4			ML	1.6	5300548	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.17	244.4	Lg	10:25:09.024	1.0	T__	---	5300549	FDSN	ZJ	--	BUD	iLoc	HHE	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
KECS	0.21	245.5	Pg	10:25:06.255	0.3	T__	3376.0	---	ML	2.4	5300550	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.4 magdef=1)																			
KECS	0.21	245.5	Lg	10:25:08.580	-0.8	T__	---	5300541	FDSN	SK	--	BUD	iLoc	EHN	???	_			
(Station ML: 2.4 magdef=0)																			
ABAH	0.42	130.9	Pg	10:25:10.157	0.0	T__	134.4	---	ML	1.6	5300543	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	130.9	Lg	10:25:16.671	-0.7	T__	---	5300542	FDSN	HU	--	BUD	iLoc	HHE	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
HU02A	0.48	200.1	Pg	10:25:11.868	0.2	T__	95.6	---	ML	1.6	5300551	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	200.1	Lg	10:25:18.456	-0.9	T__	---	5300552	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
PSZ	0.88	222.2	Pg	10:25:19.725	-0.3	T__	117.7	---	ML	2.1	5300544	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	222.2	Lg	10:25:32.600	-0.6	T__	---	5300545	FDSN	GE	--	BUD	iLoc	BHE	???	_			
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
LANS	1.04	304.6	Pg	10:25:21.709	-0.4	T__	46.4	---	ML	1.7	5300546	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.04	304.6	Lg	10:25:35.908	-0.8	T__	---	5300547	FDSN	SK	--	BUD	iLoc	EHE	???	_			
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
HOLU	1.07	91.6	Pg	10:25:22.964	0.8	T__	---	5300553	FDSN	UA	--	BUD	iLoc	MHZ	???	_			
A336A	1.23	254.8	Pn	10:25:25.560	0.6	T__	123.9	---	ML	2.3	5300554	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	1.23	254.8	Sn	10:25:44.230	0.8	T__	---	5300555	FDSN	Z3	00	BUD	iLoc	HH3	???	_			
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
STZU	1.31	69.3	Pn	10:25:27.607	1.2	T__	---	5300556	FDSN	UA	--	BUD	iLoc	MHZ	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/02/24	10:43:19.73	0.82	1.03	48.1946	21.1547	5.5	3.4	20	4.7	9.9	37	23	78	0.12	2.79	ke	BUD	16000186	BUD		116	

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.4	14 BUD	16000186

Sta	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	29.2	Pg	10:43:22.928	0.5					T__		5024.9		---	ML	2.3	5300774	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.12	29.2	Lg	10:43:24.926	0.2					T__				---		5300777	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
HU02A	0.43	260.5	Pg	10:43:28.541	-0.2					T__		786.7		---	ML	2.4	5300783	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.43	260.5	Lg	10:43:35.124	-0.5					T__				---		5300784	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
JOS	0.51	306.5	Pg	10:43:30.121	0.2					T__		1996.2		---	ML	3.0	5300787	FDSN	ZJ	--	BUD	iLoc	HHE	HHZ	_
JOS	0.51	306.5	Lg	10:43:37.237	-0.3					T__				---		5300788	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=1)																									
KECS	0.53	303.2	Pg	10:43:31.013	0.7					T__		1758.0		---	ML	3.0	5300770	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.53	303.2	Lg	10:43:38.154	-0.2					T__				---		5300778	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 3.0 magdef=1)																									

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(Station ML: 3.0 magdef=1
HU07A 0.55 112.5 Pg 10:43:31.431 0.8 T__ 1615.1 --- ML 3.0 5300785 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU07A 0.55 112.5 Lg 10:43:39.975 -0.1 T__ --- 5300786 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
HU05A 0.64 181.1 Pg 10:43:33.222 0.2 T__ 608.0 --- ML 2.6 5300789 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU05A 0.64 181.1 Lg 10:43:43.473 0.5 T__ --- 5300790 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
HU23A 0.82 227.9 Pn 10:43:36.799 0.3 T__ 921.0 --- ML 2.9 5300792 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.82 227.9 Lg 10:43:49.533 0.8 T__ --- 5300793 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
HOLU 0.88 67.5 Pg 10:43:36.868 0.3 T__ --- 5300791 FDSN UA -- BUD iLoc MHZ ??? _
PSZ 0.89 252.4 Pn 10:43:37.312 -0.5 T__ 280.7 --- ML 2.4 5300771 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.89 252.4 Lg 10:43:51.811 0.5 T__ --- 5300781 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
TRPA 0.93 93.5 Pg 10:43:37.457 -0.1 T__ 121.7 --- ML 2.1 5300775 FDSN HU -- BUD iLoc BHZ BHZ _
TRPA 0.93 93.5 Lg 10:43:50.073 -1.8 T__ --- 5300780 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
LTVH 0.95 147.9 Pn 10:43:38.796 0.5 T__ 1653.9 --- ML 3.2 5300779 FDSN HU -- BUD iLoc HHZ HHZ _
LTVH 0.95 147.9 Lg 10:43:52.904 0.2 T__ --- 5300794 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=0
BRIU 1.25 82.7 Pn 10:43:43.446 0.6 T__ --- 5300796 FDSN UA -- BUD iLoc MHZ ??? _
KORU 1.33 90.9 Pn 10:43:44.322 0.5 T__ --- 5300795 FDSN UA -- BUD iLoc MHZ ??? _
HU01A 1.34 231.2 Lg 10:44:05.568 -0.2 T__ --- 5300797 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 1.35 335.5 Pg 10:43:51.800 6.7 --- 00793625 FDSN IR -- ISC iLoc ??? ??? _
A336A 1.44 272.3 Pg 10:43:47.844 -0.5 T__ 230.7 --- ML 2.7 5300798 FDSN Z3 00 BUD iLoc HHZ HHZ _
A336A 1.44 272.3 Sn 10:44:06.248 1.2 T__ --- 5300799 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
LANS 1.47 311.2 Pg 10:43:47.888 -0.8 T__ 148.1 --- ML 2.5 5300772 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 1.47 311.2 Sn 10:44:07.363 0.9 T__ --- 5300782 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
MEZ 1.61 77.6 Pn 10:43:47.769 -0.3 T__ --- 5300800 FDSN UA -- BUD iLoc BHZ ??? _
DRGR 1.76 142.5 Pn 10:43:49.602 -0.3 T__ 113.4 --- ML 2.5 5300773 FDSN RO -- BUD iLoc BHZ BHZ _
DRGR 1.76 142.5 Sn 10:44:11.100 -2.0 T__ 0.1 --- ML -0.5 00793597 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A332A 1.89 289.8 Sn 10:44:19.518 2.9 T__ --- 5300801 FDSN Z3 00 BUD iLoc HHN ??? _
CJR 2.22 130.9 Pn 10:43:56.102 -0.5 T__ 411.6 --- ML 3.4 5300776 FDSN RO -- BUD iLoc BHZ BHZ _
CJR 2.22 130.9 Pg 10:44:02.200 -0.4 T__ --- 00790935 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=0
BZS 2.60 172.8 Pg 10:44:07.935 -2.2 T__ _c_ 09870956 FDSN IR -- ISC iLoc ??? ??? _
MORH 2.62 221.8 Pg 10:44:10.201 -1.0 T__ _c_ 09870957 FDSN IR -- ISC iLoc ??? ??? _
BURAR 2.79 100.5 Pn 10:44:02.530 -2.5 T__ _c_ 09870954 FDSN IR -- ISC iLoc ??? ??? _

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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
2020/02/24	11:15:23.01	1.43	0.51	48.1903	21.1379	10.8	4.4	158	2.0f	8	4	228	0.13	0.52	ke	BUD	16000188	BUD				313

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	16000188

Sta	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	32.7	Pg	11:15:26.098	0.3					T__		129.8		_c_	ML	0.8	5300947	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.13	32.7	Lg	11:15:27.379	-0.8					T__				---		5300948	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
HU02A	0.42	260.8	Pg	11:15:31.854	0.1					T__		64.9		---	ML	1.3	5300951	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	260.8	Lg	11:15:38.355	-0.1					T__				---		5300952	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
JOS	0.50	307.7	Pg	11:15:33.598	0.6					T__		81.2		---	ML	1.6	5300953	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	307.7	Lg	11:15:40.391	-0.2					T__				---		5300954	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.52	304.2	Pg	11:15:33.455	-0.0					T__		74.6		---	ML	1.6	5300950	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.52	304.2	Lg	11:15:40.986	-0.4					T__				---		5300949	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(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
2020/02/24	11:48:05.87	2.39	1.20	48.1495	21.1398	18.9	5.8	162	2.0f	5	3	241	0.16	0.53	ke	BUD	16000190	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	
ABAH	0.16	24.4	Pg	11:48:09.700	0.4					T__		103.2		---	ML	0.8	5300987	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.16	24.4	Lg	11:48:11.309	-1.0					T__				---		5300990	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
HU02A	0.41	266.4	Lg	11:48:20.061	-1.1					T__				---		5300991	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.53	311.1	Pg	11:48:17.009	0.6					T__		108.7		---	ML	1.8	5300988	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	311.1	Lg	11:48:24.017	-0.3					T__				---		5300989	FDSN	ZJ	--	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
2020/02/25	08:52:20.01	0.95	0.88	48.5293	19.3285	5.5	3.3	171	0.0f	17	11	155	0.37	1.37	sx	BUD	16000192	BUD				164

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	6 BUD	16000192

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A336A	0.37	216.7	Pg	08:52:28.494	0.9					T__		520.1		---	ML	2.0	5303322	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.37	216.7	Lg	08:52:33.609	0.1					T__				---		5303323	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 2.0 magdef=1)																									

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(Station ML: 2.0 magdef=1
A332A 0.64 296.0 Lg 08:52:41.670 -0.2 T__ --- 5303324 FDSN Z3 00 BUD iLoc HHZ ??? _
HU10A 0.72 197.0 Lg 08:52:44.626 -1.5 T__ --- 5303325 FDSN ZJ 00 BUD iLoc HHZ ??? _
PSZ 0.72 148.0 Pg 08:52:35.249 -0.1 T__ 75.6 --- ML 1.8 5303314 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.72 148.0 Lg 08:52:45.631 -0.7 T__ --- 5303315 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.77 93.0 Pg 08:52:35.452 0.1 T__ 211.2 --- ML 2.3 5303317 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.77 93.0 Lg 08:52:46.750 -0.2 T__ --- 5303316 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
JOS 0.81 91.9 Pg 08:52:36.385 0.4 T__ 84.7 --- ML 1.9 5303326 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.81 91.9 Lg 08:52:47.591 -0.5 T__ --- 5303327 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A338A 0.83 232.1 Lg 08:52:49.233 -1.0 T__ --- 5303328 FDSN Z3 00 BUD iLoc HH2 ??? _
HU02A 0.90 116.6 Pg 08:52:38.350 -0.1 T__ 46.4 --- ML 1.7 5303329 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.90 116.6 Lg 08:52:52.869 0.6 T__ --- 5303330 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
JAVC 1.15 287.3 Lg 08:52:59.066 -1.5 T__ --- 5303318 FDSN CZ -- BUD iLoc BHN ??? _
ABAH 1.29 99.7 Pn 08:52:46.038 1.8 T__ 93.8 --- ML 2.2 5303320 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.29 99.7 Sn 08:53:03.340 0.0 T__ --- 5303319 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MODS 1.37 264.3 Sn 08:53:05.478 -0.6 T__ --- 5303321 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
2020/02/25 09:25:07.12 0.50 0.71 47.5201 18.4546 6.6 4.4 111 0.0 0.0 5 0 152 0.13 1.05 kx BUD 16000194 BUD
2020/02/25 09:25:04.92 1.02 1.07 47.5600 18.4573f 0.0f 5 4 145 0.09 1.03 kx BUD_GT 16000195 BUD 258
(locality : Tatabánya Hungary)
(description : known quarry blast)
(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
HU09A 0.09 327.2 Lg 09:25:09.967 0.3 T__ --- 5303408 FDSN ZJ 00 iLoc BUD HHE ??? _
CSKK 0.24 214.2 Pg 09:25:10.225 0.0 T__ 243.6 --- ML 1.3 5303409 FDSN HU -- iLoc BUD HHE HHZ _
CSKK 0.24 214.2 Lg 09:25:13.921 -0.9 T__ --- 5303405 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
SR0 0.27 339.1 Lg 09:25:17.381 1.5 T__ --- 5303406 FDSN SK -- iLoc BUD EHE ??? _
PSZ 1.03 69.2 Lg 09:25:41.147 -1.2 T__ --- 5303407 FDSN GE -- iLoc BUD 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
2020/02/25 09:59:20.85 0.97 0.73 48.5374 20.7915 5.6 3.7 1 0.0f 14 9 122 0.17 1.24 sx BUD 16000196 BUD 193

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Magnitude Err Nsta Author OrigID
ML 1.6 0.4 6 BUD 16000196

Sta	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	256.1	Pg	09:59:24.340	-0.2					T__		405.7		___	ML	1.4	5303493	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	256.1	Lg	09:59:27.970	0.6					T__				---		5303494	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.21	255.2	Pg	09:59:24.867	-0.4					T__		1929.3		___	ML	2.2	5303486	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	255.2	Lg	09:59:28.466	-0.3					T__				---		5303487	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
ABAH	0.38	128.8	Pg	09:59:28.986	0.2					T__		93.0		___	ML	1.3	5303488	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	128.8	Lg	09:59:33.867	-1.6					T__				---		5303489	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.45	203.3	Pg	09:59:31.020	0.6					T__		50.9		___	ML	1.3	5303495	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	203.3	Lg	09:59:37.755	-0.1					T__				---		5303496	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
PSZ	0.86	224.4	Pn	09:59:39.004	-0.3					T__		70.1		___	ML	1.8	5303490	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	224.4	Lg	09:59:52.732	0.7					T__				---		5303491	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
STHS	0.93	18.5	Pg	09:59:38.490	0.4					T__		81.1		___	ML	1.9	5303492	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HOLU	1.06	90.0	Pn	09:59:42.128	0.3					T__				---		5303497	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
A336A	1.23	256.4	Sn	10:00:02.358	-0.5					T__				---		5303499	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
TRPA	1.24	108.6	Sn	10:00:01.967	-1.1					T__				---		5303498	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		
2020/02/25	11:17:18.48	0.44	1.21	47.2202	18.2780	5.6	4.7	119	0.0	0.0	6	0	108	0.14	1.30	kx	BUD	16000198	BUD					
2020/02/25	11:17:16.52	1.01	0.95	47.2302	18.2835f				0.0f		6	4	109	0.13	1.29	kx	BUD_GT	16000199	BUD			206		
(locality : Iszkaszentgyörgy Hungary)																								
(description : known quarry blast)																								
(GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	2 BUD	16000199

Sta	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	11:17:19.860	0.0					T__		242.2		___	ML	1.1	5303964	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 1.1 magdef=1)																									
CSKK	0.13	353.3	Lg	11:17:22.173	-0.8					T__				---		5303959	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Station ML: 1.1 magdef=1)																									
MPLH	0.51	263.5	Pg	11:17:27.414	0.3					T__		62.0		___	ML	1.5	5303961	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
MPLH	0.51	263.5	Lg	11:17:36.167	1.0					T__				---		5303960	FDSN	HU	--	iLoc	BUD	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	1.05	166.2	Lg	11:17:51.384	-1.2					T__				---		5303962	FDSN	HU	--	iLoc	BUD	BHN	???	_	
PSZ	1.29	57.1	Sn	11:18:01.460	1.2					T__				---		5303963	FDSN	GE	--	iLoc	BUD	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/02/25	11:20:35.24	1.04	0.41	48.4979	20.3737	5.9	5.3	42	6.7	9.3	11	7	133	0.08	0.95	sx	BUD	16000200	BUD			196

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	16000200

Sta	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	0.08	101.1	Pg	11:20:37.268	-0.1					T__		1281.2		___	ML	1.6	5304006	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.08	101.1	Lg	11:20:38.893	-0.1					T__				---		5304007	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.11	91.0	Pg	11:20:37.911	0.1					T__		424.5		___	ML	1.2	5304011	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.11	91.0	Lg	11:20:40.125	0.2					T__				---		5304012	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.39	164.9	Pg	11:20:44.194	0.7					T__		40.6		___	ML	1.0	5304013	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.39	164.9	Lg	11:20:49.615	-0.3					T__				---		5304014	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
ABAH	0.61	109.0	Lg	11:20:56.457	-0.5					T__				---		5304015	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	0.66	209.1	Pg	11:20:48.865	-0.4					T__		66.5		---	ML	1.7	5304008	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.66	209.1	Lg	11:20:59.004	-0.3					T__				---		5304009	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
LANS	0.89	317.8	Pg	11:20:52.982	0.2					T__		41.8		___	ML	1.6	5304010	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A336A	0.95	254.4	Lg	11:21:08.015	-0.1					T__				---		5304016	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
2020/02/26	08:42:43.32	1.00	0.69	48.8539	21.8641	7.2	5.4	163	5.0f		12	7	107	0.53	1.15	ke	BUD	16000202	BUD			183

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	5 BUD	16000202

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
STZU	0.53	71.7	Pg	08:42:53.274	-0.1					T__				---		5307707	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
STHS	0.70	324.4	Pg	08:42:55.749	-0.5					T__		216.1		___	ML	2.2	5307705	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	0.70	324.4	Lg	08:43:08.077	1.5					T__				---		5307706	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
ABAH	0.70	216.8	Pn	08:42:58.420	-0.1					T__		81.0		___	ML	1.8	5307701	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.70	216.8	Lg	08:43:08.257	0.3					T__				---		5307702	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BRIU	0.93	123.5	Pn	08:43:02.227	0.1					T__				---		5307708	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
JOS	0.95	248.3	Pn	08:43:02.330	0.2					T__		46.3		___	ML	1.7	5307709	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.95	248.3	Lg	08:43:14.981	-0.5					T__				---		5307710	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
KECS	0.99	248.4	Pg	08:43:02.812	-0.0					T__		85.2		___	ML	2.0	5307703	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.99	248.4	Lg	08:43:17.221	0.5					T__				---		5307704	FDSN	SK	--	BUD	iLoc	EHN	???	_	

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(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 1.15 231.1 Pn 08:43:05.132 -0.0 T__ 68.6 ___ ML 2.0 5307711 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.15 231.1 Sn 08:43:21.510 -1.1 T__ ___ 5307712 FDSN ZJ 00 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
2020/02/26 08:46:10.06 3.83 0.56 48.6654 20.7947 28.3 6.4 174 8.0 13.2 8 5 272 0.24 0.96 ke BUD 16000204 BUD 329

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 4 BUD 16000204

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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 0.24 225.1 Pg 08:46:15.193 0.1 T__ 105.0 ___ ML 1.0 5307759 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.24 225.1 Lg 08:46:18.882 -0.1 T__ ___ 5307760 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KECS 0.27 228.5 Pg 08:46:16.025 0.2 T__ 262.7 ___ ML 1.5 5307754 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.27 228.5 Lg 08:46:19.689 -0.5 T__ ___ 5307755 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.47 141.1 Pg 08:46:19.587 0.0 T__ 62.6 ___ ML 1.4 5307757 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.47 141.1 Lg 08:46:27.068 -0.2 T__ ___ 5307756 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.57 198.4 Pg 08:46:22.682 0.7 T__ 46.4 ___ ML 1.5 5307761 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.96 219.1 Lg 08:46:42.844 -0.6 T__ ___ 5307758 FDSN GE -- 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
2020/02/26 09:04:16.76 1.07 1.25 48.3320 18.9771 9.0 5.8 5 14.2 6.7 15 9 116 0.10 1.13 sx BUD 16000206 BUD 138

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 6 BUD 16000206

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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
A336A 0.10 171.6 Pg 09:04:20.393 0.3 T__ 6123.2 ___ ML 2.4 5307817 FDSN Z3 00 BUD iLoc HHZ HHZ _
A336A 0.10 171.6 Lg 09:04:22.333 -0.4 T__ ___ 5307818 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
HU10A 0.49 176.7 Pn 09:04:28.844 -0.4 T__ 91.5 ___ ML 1.6 5307819 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.49 176.7 Lg 09:04:35.028 0.2 T__ ___ 5307820 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
A332A 0.58 324.4 Sn 09:04:37.871 -2.2 T__ ___ 5307821 FDSN Z3 00 BUD iLoc HHN ??? _
PSZ 0.74 123.6 Pn 09:04:32.656 0.8 T__ 61.9 ___ ML 1.7 5307811 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.74 123.6 Lg 09:04:42.936 -0.5 T__ ___ 5307812 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1

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(Station ML: 1.7 magdef=1
JAVC 1.02 301.8 Sn 09:04:54.335 2.8 T__
KECS 1.02 80.9 Pg 09:04:36.320 -0.6 T__ 83.3 --- ML 2.0 5307814 FDSN SK -- BUD iLoc EHN EHZ _
KECS 1.02 80.9 Sn 09:04:50.977 0.5 T__ --- 5307813 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JOS 1.05 80.5 Pg 09:04:37.954 0.4 T__ 37.4 --- ML 1.7 5307822 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.05 80.5 Sn 09:04:52.571 1.2 T__ --- 5307823 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 1.06 100.9 Pg 09:04:39.204 1.0 T__ 50.3 --- ML 1.8 5307824 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.06 100.9 Sn 09:04:51.779 0.1 T__ --- 5307825 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 1.13 272.7 Lg 09:04:55.964 -0.2 T__ --- 5307816 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
2020/02/26	09:27:05.86	3.81	0.95	47.8089	19.1240	59.5	3.6	4	0.0f	6	3	219	0.08	1.17	sx	BUD	16000208	BUD			335	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	16000208

Sta	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	297.1	Pg	09:27:08.080	0.1					T__		2440.3		---	ML	1.9	5307869	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU10A	0.08	297.1	Lg	09:27:09.804	-0.2					T__				---		5307870	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
HU03A	0.33	73.3	Pg	09:27:13.451	0.3					T__	115.8			---	ML	1.3	5307874	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU03A	0.33	73.3	Lg	09:27:18.905	0.3					T__				---		5307875	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=0)																										
A336A	0.43	348.9	Pg	09:27:14.515	-0.3					---	132.1			---	ML	1.6	5307871	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A336A	0.43	348.9	Lg	09:27:20.243	-1.6					---				---		5307872	FDSN	Z3	00	BUD	iLoc	HH3	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
PSZ	0.53	77.8	Pg	09:27:16.489	-0.9					---	64.1			---	ML	1.6	5307876	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.53	77.8	Lg	09:27:24.462	-1.5					T__				---		5307877	FDSN	GE	--	BUD	iLoc	BHE	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
JOS	1.17	53.5	Pn	09:27:29.017	0.6					T__	59.2			---	ML	1.9	5307873	FDSN	ZJ	--	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	
2020/02/26	10:22:55.70	0.32	1.60	46.9124	17.3577	4.9	2.8	148	0.0	0.0	11	0	100	0.15	0.89	kx	BUD	16000210	BUD				
2020/02/26	10:22:54.22	0.96	2.75	46.8548	17.2699f				0.0f		10	7	88	0.13	0.85	kx	BUD_GT	16000211	BUD			156	

(locality : Várvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 2.5 0.2 3 BUD 16000211

Sta	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	10:22:58.619	1.2					T__		6439.4		___	ML	2.5	5307946	FDSN	Z3	00	iLoc	BUD	HHE	HHZ	_
A261A	0.13	319.5	Lg	10:23:00.729	0.6					T__				---		5307944	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=1)																									
A263A	0.22	171.8	Lg	10:23:03.888	1.0					T__				---		5307945	FDSN	Z3	00	iLoc	BUD	HHZ	???	_	
MPLH	0.37	30.2	Pg	10:22:57.457	-4.6					---		213.3		---	ML	1.6	5307939	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
MPLH	0.37	30.2	Lg	10:23:03.894	-4.3					T__				---		5307943	FDSN	HU	--	iLoc	BUD	BHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
TIH	0.43	83.7	Lg	10:23:08.343	-1.8					T__				---		5307947	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
A262A	0.51	271.3	Lg	10:23:15.755	4.0					T__				---		5307949	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
HU08A	0.73	37.5	Lg	10:23:18.102	-2.8					T__				---		5307948	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
KOGS	0.81	240.3	Pg	10:23:10.960	0.7					T__		469.2		---	ML	2.6	5307941	FDSN	SL	--	iLoc	BUD	BHZ	BHZ	_
KOGS	0.81	240.3	Sn	10:23:24.556	-0.4					T__				---		5307940	FDSN	SL	--	iLoc	BUD	BHE	???	_	
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1)																									
CSKK	0.85	52.7	Lg	10:23:20.953	-4.4					T__				---		5307942	FDSN	HU	--	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/02/26	12:26:04.11	0.94	0.44	48.3934	20.6435	4.6	3.3	57	0.0f		10	5	137	0.12	0.69	sx	BUD	16000212	BUD		230	

Magnitude Err Nsta Author OrigID
ML 1.2 0.0 5 BUD 16000212

Sta	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	326.0	Pg	12:26:06.819	-0.0					T__		399.2		___	ML	1.2	5308000	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	326.0	Lg	12:26:08.905	-0.2					T__				---		5308001	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
KECS	0.14	310.6	Pg	12:26:07.442	0.3					T__		365.2		___	ML	1.2	5307995	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.14	310.6	Lg	12:26:09.681	0.1					T__				---		5307994	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
HU02A	0.28	196.3	Pg	12:26:10.621	0.3					T__		50.9		___	ML	0.8	5308002	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_
HU02A	0.28	196.3	Lg	12:26:15.536	0.2					T__				---		5308003	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																									
ABAH	0.41	103.5	Pg	12:26:12.786	0.2					T__		71.9		___	ML	1.3	5307996	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	103.5	Lg	12:26:18.994	-0.7					T__				---		5307997	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
PSZ	0.69	226.8	Pg	12:26:18.740	-0.1					T__		73.3		___	ML	1.7	5307998	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.69	226.8	Lg	12:26:28.715	-0.8					T__				---		5307999	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(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			
2020/02/26	22:08:46.02	0.81	1.00	47.4181	18.2560	4.0	2.8	119	2.0f		21	14	102	0.06	1.88	ke	BUD	16000214	BUD			113			
Magnitude Err Nsta Author OrigID																									
ML	2.0	0.3	11	BUD	16000214																				
Sta	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	176.8	Lg	22:08:48.123	-0.9					T__						5308899	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
CSKK	0.06	176.8	Lg	22:08:48.123	-0.9					T__	54540.8			---	ML	3.2	5308880	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=0)																									
HU08A	0.23	273.5	Pg	22:08:50.413	-0.4					T__	424.9			---	ML	1.6	5308889	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.23	273.5	Lg	22:08:53.486	-1.2					T__				---		5308890	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU09A	0.24	21.2	Pg	22:08:50.804	-0.2					T__	838.3			---	ML	1.9	5308891	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_
HU09A	0.24	21.2	Lg	22:08:54.600	-0.5					T__				---		5308892	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
SRO	0.40	5.6	Lg	22:09:01.987	1.4					T__				---		5308879	FDSN	SK	--	BUD	iLoc	EHE	???	_	
MPLH	0.55	243.3	Pg	22:08:56.892	-0.1					T__	76.3			---	ML	1.7	5308881	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.55	243.3	Lg	22:09:05.483	0.4					T__				---		5308882	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
TIH	0.57	205.7	Pg	22:08:58.521	1.0					T__	293.6			---	ML	2.3	5308893	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
EGYH	0.63	270.2	Lg	22:09:09.028	1.3					T__				---		5308883	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.67	50.1	Pg	22:09:00.145	0.4					T__	86.9			---	ML	1.8	5308894	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
A336A	0.96	31.3	Pn	22:09:05.616	0.4					T__	88.8			---	ML	2.0	5308895	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A335A	1.03	3.0	Pn	22:09:06.681	0.3					T__	120.9			---	ML	2.2	5308896	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	1.03	3.0	Lg	22:09:20.651	-1.5					T__				---		5308897	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
MODS	1.16	325.8	Sn	22:09:23.540	-2.1					T__				---		5308886	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	1.22	65.1	Pg	22:09:11.018	-0.2					T__	70.4			---	ML	2.0	5308884	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.22	65.1	Lg	22:09:29.364	0.1					T__				---		5308885	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MORH	1.23	167.4	Pg	22:09:09.814	-0.3					T__	23.6			---	ML	1.6	5308887	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.23	167.4	Sn	22:09:26.034	-0.6					T__				---		5308888	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
JOS	1.88	54.1	Pn	22:09:19.482	1.6					T__	54.5			---	ML	2.3	5308898	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(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
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2020/02/27 08:50:42.17 2.28 0.37 47.3290 17.9920 5.2 3.7 167 0.4 3.6 8 5 92 0.11 1.20 sx BUD 16000216 BUD 177

Magnitude Err Nsta Author OrigID
ML 1.1 0.0 3 BUD 16000216

Sta	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	0.11	335.7	Pg	08:50:44.995	0.1					T__		477.3		---	ML	1.3	5309562	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.11	335.7	Lg	08:50:47.439	0.0					T__				---		5309563	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
CSKK	0.19	79.3	Pg	08:50:46.287	-0.1					T__		201.4		---	ML	1.1	5309564	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.19	79.3	Lg	08:50:50.509	0.5					T__				---		5309565	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MPLH	0.35	242.9	Pg	08:50:49.497	-0.0					T__		72.1		---	ML	1.1	5309560	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.35	242.9	Lg	08:50:54.993	-0.1					T__				---		5309561	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU09A	0.41	40.4	Lg	08:50:57.213	-0.4					T__				---		5309566	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.20	157.9	Sn	08:51:22.917	0.4					T__				---		5309567	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
2020/02/27 10:04:59.79 0.93 0.26 48.3191 19.8659 5.5 3.5 163 3.0 17.3 12 7 112 0.40 1.14 sx BUD 16000218 BUD 197

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 5 BUD 16000218

Sta	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	10:05:08.549	0.0					T__		156.2		---	ML	1.6	5309611	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.40	177.3	Lg	10:05:14.961	0.1					T__				---		5309615	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.44	68.1	Pg	10:05:08.956	0.3					T__		167.7		---	ML	1.8	5309613	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.44	68.1	Lg	10:05:15.368	-0.1					T__				---		5309612	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.48	68.2	Pg	10:05:09.372	-0.0					T__		103.9		---	ML	1.7	5309617	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	68.2	Lg	10:05:16.556	-0.1					T__				---		5309618	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.48	113.8	Pg	10:05:10.040	0.2					T__		62.4		---	ML	1.4	5309619	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	113.8	Lg	10:05:17.034	-0.5					T__				---		5309620	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
A336A	0.59	261.9	Pg	10:05:11.807	0.2					T__		106.9		---	ML	1.9	5309621	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.59	261.9	Lg	10:05:20.300	-0.3					T__				---		5309622	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
ABAH	0.92	90.9	Lg	10:05:31.959	0.1					T__				---		5309614	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	1.14	14.4	Lg	10:05:37.099	-0.3					T__				---		5309616	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
2020/02/27	10:57:47.78	1.19	0.53	48.5694	20.7932	7.7	3.9	13	0.0f		12	7	147	0.18	1.06	sx	BUD	16000220	BUD			204

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	16000220

Sta	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	246.5	Pg	10:57:51.881	0.2					T__		332.2		___	ML	1.3	5310417	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	246.5	Lg	10:57:55.146	0.4					T__				---		5310418	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
KECS	0.22	247.2	Pg	10:57:52.431	0.0					T__		797.8		___	ML	1.8	5310410	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.22	247.2	Lg	10:57:56.449	0.4					T__				---		5310411	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
ABAH	0.40	132.4	Pg	10:57:56.648	0.6					T__		97.5		___	ML	1.4	5310412	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	132.4	Lg	10:58:01.907	-1.2					T__				---		5310413	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
HU02A	0.48	201.9	Pg	10:57:57.790	-0.2					T__		97.1		___	ML	1.6	5310419	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	201.9	Lg	10:58:05.370	-0.4					T__				---		5310420	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
PSZ	0.89	223.0	Pn	10:58:06.555	-0.0					T__		64.9		___	ML	1.8	5310414	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.89	223.0	Lg	10:58:19.503	-0.3					T__				---		5310415	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
LANS	1.05	304.1	Pg	10:58:08.196	-0.3					T__		35.1		___	ML	1.6	5310416	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
HOLU	1.06	91.7	Pn	10:58:08.692	-0.1					T__				---		5310421	FDSN	UA	--	BUD	iLoc	MHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/02/28	08:18:40.76	1.43	0.80	48.2482	21.5040	10.3	6.6	162	0.0f		11	7	154	0.18	1.18	sx	BUD	16000222	BUD			261

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	4 BUD	16000222

Sta	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	285.3	Pg	08:18:44.885	-0.0					T__		453.0		___	ML	1.5	5312297	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.18	285.3	Lg	08:18:48.854	0.3					T__				---		5312298	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU02A	0.67	259.5	Pg	08:18:54.511	-0.2					T__		62.1		___	ML	1.7	5312305	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.67	259.5	Lg	08:19:04.710	-0.5					T__				---		5312304	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
JOS	0.69	291.4	Pg	08:18:55.296	0.8					T__		69.5		___	ML	1.7	5312306	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.69	291.4	Lg	08:19:05.688	0.7					T__				---		5312307	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
TRPA	0.70	99.3	Lg	08:19:07.003	0.5					T__				---		5312303	FDSN	HU	--	BUD	iLoc	HHN	???	_	

KECS	0.72	289.5	Lg	08:19:04.681	-1.3	T__									5312299	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	1.13	253.6	Sn	08:19:19.338	-1.3	T__									5312302	FDSN	GE	--	BUD	iLoc	BHE	???	_	
STHS	1.18	351.7	Pg	08:19:02.442	-0.3	T__				77.0				ML	2.0	5312301	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	1.18	351.7	Lg	08:19:20.763	-0.2	T__									5312300	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
2020/02/28	09:52:42.92	2.16	2.09	48.1074	21.3309	16.9	9.4	14	10.0f		5	3	218	0.20	0.81	sx	BUD	16000224	BUD			324

Magnitude Err Nsta Author OrigID

Sta	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	0.20	342.1	Pg	09:52:48.159	0.8					T__		323.0			ML	1.4	5312490	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.20	342.1	Lg	09:52:50.287	-0.9					T__						5312493	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.66	306.6	Pg	09:52:56.479	0.5					T__		47.5			ML	1.5	5312491	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	306.6	Lg	09:53:03.394	-2.0					T__						5312492	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
TRPA	0.81	87.9	Lg	09:53:08.765	-1.8					T__						5312489	FDSN	HU	--	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	
2020/02/28	10:03:21.92	0.37	0.69	47.2216	18.2441	5.4	3.9	110	0.0	0.0	8	0	107	0.14	1.32	kx	BUD	16000226	BUD				
2020/02/28	10:03:19.98	0.96	0.48	47.2302	18.2835f				0.0f		8	5	109	0.13	1.29	kx	BUD_GT	16000227	BUD				206

(locality : Iszkaszentgyörgy Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.3 3 BUD 16000227

Sta	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	10:03:23.544	0.2					T__		2553.4			ML	2.1	5312532	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	10:03:26.038	-0.4					T__						5312533	FDSN	HU	--	iLoc	BUD	HHN	???	_	

(Reading ML: 2.1 magdef=1
 (Station ML: 2.1 magdef=1)

HU09A	0.41	9.3	Lg	10:03:35.696	-0.3					T__						5312539	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
MPLH	0.51	263.5	Pg	10:03:30.720	0.1					T__		66.2			ML	1.5	5312535	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
MPLH	0.51	263.5	Lg	10:03:38.048	-0.6					T__						5312534	FDSN	HU	--	iLoc	BUD	BHN	???	_	

(Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1)

MORH	1.05	166.2	Pn	10:03:41.101	0.6					T__		19.2			ML	1.4	5312536	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
MORH	1.05	166.2	Lg	10:03:56.063	0.0					T__						5312537	FDSN	HU	--	iLoc	BUD	BHN	???	_	

(Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=1)

PSZ	1.29	57.1	Sn	10:04:04.511	0.8					T__						5312538	FDSN	GE	--	iLoc	BUD	BHE	???	_
-----	------	------	----	--------------	-----	--	--	--	--	-----	--	--	--	--	--	---------	------	----	----	------	-----	-----	-----	---

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/02/29	09:33:40.64	1.24	0.41	46.1728	18.3668	9.5	6.8	161	0.0f		4	3	158	0.20	0.46	sx	BUD	16000228	BUD				271

Magnitude Err Nsta Author OrigID

Sta	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	0.20	77.5	Pg	09:33:45.329	0.2					T__		45.0		---	ML	0.5	5315160	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.20	77.5	Lg	09:33:48.586	-0.3					T__				---		5315161	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=0)																									
A266A	0.36	348.7	Lg	09:33:54.269	-0.1					T__				---		5315162	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A273A	0.46	236.4	Lg	09:33:56.636	-0.2					T__				---		5315163	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
2020/03/02	09:28:03.64	1.07	0.56	47.4558	18.7196	9.0	4.3	163	0.0f		7	6	100	0.21	1.24	sx	BUD	16000230	BUD			171

Magnitude Err Nsta Author OrigID

Sta	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	82.2	Lg	09:28:12.328	-0.3					T__				---		5318402	FDSN	HU	--	BUD	iLoc	BHN	???	_	
HU09A	0.29	308.8	Lg	09:28:15.288	-0.1					T__				---		5318406	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
CSKK	0.33	253.6	Pg	09:28:10.993	0.4					T__		213.3		---	ML	1.5	5318408	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
CSKK	0.33	253.6	Lg	09:28:15.686	-0.9					T__				---		5318403	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU10A	0.44	27.3	Lg	09:28:20.050	-0.4					T__				---		5318407	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.92	59.3	Lg	09:28:36.857	-0.3					T__				---		5318404	FDSN	GE	--	BUD	iLoc	BHN	???	_	
MORH	1.24	182.4	Sn	09:28:45.508	0.1					T__				---		5318405	FDSN	HU	--	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
2020/03/02	10:37:11.08	1.01	0.81	48.5583	20.7817	6.2	3.6	3	0.0f		15	9	88	0.17	1.30	sx	BUD	16000232	BUD			129

Magnitude Err Nsta Author OrigID

ML 1.7 0.1 8 BUD 16000232

Sta	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	248.9	Pg	10:37:14.831	0.1					T__		272.0		---	ML	1.2	5318514	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	248.9	Lg	10:37:18.621	1.0					T__				---		5318515	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
KECS	0.21	249.2	Pg	10:37:15.304	-0.2					T__		700.5		---	ML	1.7	5318505	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	249.2	Lg	10:37:19.585	0.6					T__				---		5318506	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.40	130.5	Pg	10:37:19.682	0.3					T__		175.4		---	ML	1.7	5318507	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
ABAH	0.40	130.5	Lg	10:37:25.313	-1.1					T__				---		5318511	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.47	201.5	Pg	10:37:20.774	-0.2					T__		119.8		---	ML	1.7	5318516	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	201.5	Lg	10:37:28.331	-0.3					T__				---		5318517	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.87	223.1	Pg	10:37:28.746	-0.7					T__		128.5		---	ML	2.1	5318508	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	223.1	Lg	10:37:42.735	0.1					T__				---		5318509	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									

NIE	0.92	339.9	Pn	10:37:31.407	1.0	T__	78.8	___	ML	1.9	5318510	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
LANS	1.05	304.8	Pg	10:37:31.025	-0.8	T__	37.8	___	ML	1.7	5318512	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
TRPA	1.25	109.4	Pn	10:37:34.783	0.1	T__	48.7	___	ML	1.9	5318513	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	1.25	109.4	Sn	10:37:51.973	-1.6	T__		---			5318518	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
STZU	1.30	68.7	Pg	10:37:35.988	0.3	T__		---			5318519	FDSN	UA	--	BUD	iLoc	MHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/03/03	07:51:33.35	2.01	0.83	46.8991	21.4905	16.6	8.1	7	1.5	16.5	10	7	103	0.23	1.75	ke	BUD	16000234	BUD		155	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	3 BUD	16000234

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU24A	0.23	272.8	Pg	07:51:38.319	-0.1					T__		470.1		___	ML	1.6	5318577	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.23	272.8	Lg	07:51:42.630	0.2					T__				---		5318578	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU05A	0.70	339.9	Lg	07:51:58.757	0.2					T__				---		5318579	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
DRGR	0.84	96.9	Pg	07:51:50.162	0.0					T__	61.8			___	ML	1.8	5318570	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.84	96.9	Lg	07:52:02.376	-0.6					T__				---		5318571	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	1.29	176.0	Pn	07:51:57.490	0.4					T__	54.7			___	ML	2.0	5318573	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	1.29	176.0	Sn	07:52:14.997	-0.3					T__				---		5318572	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ABAH	1.41	353.2	Sn	07:52:18.644	0.5					T__				---		5318575	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.49	313.8	Sn	07:52:20.228	-0.2					T__				---		5318576	FDSN	GE	--	BUD	iLoc	BHE	???	_	
GZR	1.75	148.8	Sn	07:52:28.839	1.8					T__				---		5318574	FDSN	RO	--	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
2020/03/03	09:19:00.81	1.28	0.87	47.7131	19.0596	14.9	6.0	25	0.0	0.0	8	0	278	0.14	1.26	kx	BUD	16000236	BUD			
2020/03/03	09:19:00.94	1.00	0.65	47.8355	19.1270f				0.0f		8	4	197	0.07	1.15	kx	BUD_GT	16000237	BUD			333

(locality : Sejce-Vác Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	4 BUD	16000237

Sta	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	09:19:03.201	0.3					T__		1684.5		___	ML	1.7	5318614	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:19:05.190	0.4					T__				---		5318615	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									


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(Station ML: 1.7 magdef=1
PSZ 0.52 80.6 Pg 09:19:12.471 0.1 T__ 122.8 --- ML 1.8 5318612 FDSN GE -- iLoc BUD BHZ BHZ _
PSZ 0.52 80.6 Lg 09:19:19.596 -1.2 T__ --- 5318613 FDSN GE -- iLoc BUD BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.98 72.5 Pg 09:19:21.398 0.2 T__ 65.4 --- ML 1.9 5318616 FDSN ZJ 00 iLoc BUD HHN HHZ _
HU02A 0.98 72.5 Sn 09:19:36.917 -0.1 T__ --- 5318617 FDSN ZJ 00 iLoc BUD HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 1.15 54.5 Pg 09:19:23.625 -0.2 T__ 77.7 --- ML 2.0 5318618 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 1.15 54.5 Sn 09:19:39.682 -1.2 T__ --- 5318619 FDSN ZJ -- iLoc BUD 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
2020/03/03 10:05:36.98 0.34 0.91 47.9322 20.0644 6.9 2.5 149 0.0 0.0 13 0 142 0.12 1.17 kx BUD 16000238 BUD
2020/03/03 10:05:34.47 0.89 0.94 47.8987 20.0893f 0.0f 13 9 147 0.13 1.18 kx BUD_GT 16000239 BUD 195
(locality : Recsk Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 2.1 0.1 4 BUD 16000239

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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 0.13 278.6 Pg 10:05:37.323 -0.6 T__ 2580.8 --- ML 2.1 5318667 FDSN GE -- BUD ISC BHZ BHZ _
PSZ 0.13 278.6 Lg 10:05:39.715 -1.2 T__ --- 5318668 FDSN GE -- BUD ISC BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU03A 0.33 271.1 Lg 10:05:47.212 0.2 T__ --- 5318673 FDSN ZJ 00 BUD ISC HHN ??? _
HU02A 0.37 52.4 Lg 10:05:49.097 0.3 T__ --- 5318674 FDSN ZJ 00 BUD ISC HHZ ??? _
HU01A 0.64 210.0 Lg 10:05:58.968 0.8 T__ --- 5318675 FDSN ZJ 00 BUD ISC HHE ??? _
KECS 0.64 24.2 Pg 10:05:48.977 1.6 T__ 147.3 --- ML 2.0 5318670 FDSN SK -- BUD ISC EHN EHZ _
KECS 0.64 24.2 Lg 10:05:57.424 0.2 T__ --- 5318669 FDSN SK -- BUD ISC EHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JOS 0.67 26.6 Lg 10:05:57.948 -0.2 T__ --- 5318676 FDSN ZJ -- BUD ISC HHE ??? _
HU10A 0.72 266.1 Pg 10:05:49.497 0.1 T__ 126.9 --- ML 2.0 5318677 FDSN ZJ 00 BUD ISC HHZ HHZ _
HU10A 0.72 266.1 Lg 10:05:59.870 -1.2 T__ --- 5318678 FDSN ZJ 00 BUD ISC HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ABAH 0.87 62.3 Pg 10:05:52.793 1.1 T__ 130.5 --- ML 2.1 5318672 FDSN HU -- BUD ISC HHZ HHZ _
ABAH 0.87 62.3 Lg 10:06:04.396 -1.3 T__ --- 5318671 FDSN HU -- BUD ISC HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU09A 1.18 257.9 Sn 10:06:16.009 1.1 T__ --- 5318679 FDSN ZJ 00 BUD ISC 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
2020/03/03 10:56:47.17 1.16 0.87 46.0908 22.0678 10.3 5.4 125 5.0f 7 4 178 0.57 1.35 ke BUD 16000240 BUD 263

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.3 3 BUD 16000240

Sta	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	0.57	213.8	Pg	10:56:58.562	0.2					T__		64.7		---	ML	1.6	5318765	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.57	213.8	Lg	10:57:06.103	-0.3					T__				---		5318766	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
DRGR	0.83	32.2	Pg	10:57:03.447	-0.2					T__		74.9		---	ML	1.8	5318764	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.83	32.2	Lg	10:57:16.679	1.0					T__				---		5318763	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
GZR	0.86	144.3	Lg	10:57:14.958	-0.6					T__				---		5318767	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
LOT	1.35	117.7	Pg	10:57:13.533	0.6					T__		117.7		---	ML	2.3	5318769	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
LOT	1.35	117.7	Sn	10:57:30.530	-1.0					T__				---		5318768	FDSN	RO	--	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
2020/03/04	06:33:25.28	13.22	0.21	47.5284	18.3355	60.3	16.7	43	0.0f		4	4	252	0.17	1.33	sx	BUD	16000244	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
CSKK	0.17	197.1	Lg	06:33:32.961	-0.0					T__				---		5319199	FDSN	HU	--	BUD	iLoc	HHE	???	_
MPLH	0.65	236.8	Lg	06:33:48.400	0.0					T__				---		5319202	FDSN	HU	--	BUD	iLoc	BHE	???	_
SOP	1.21	278.0	Sn	06:34:06.167	-0.2					T__				---		5319200	FDSN	HU	--	BUD	iLoc	BHE	???	_
MORH	1.33	170.8	Sn	06:34:09.424	0.1					T__				---		5319201	FDSN	HU	--	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
2020/03/04	10:21:08.45	0.94	1.09	48.5926	20.7082	5.5	3.4	147	0.0f		14	8	108	0.15	1.12	sx	BUD	16000246	BUD			149

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 7 BUD 16000246

Sta	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	229.2	Pg	10:21:11.916	0.3					T__		400.4		---	ML	1.3	5319273	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	229.2	Lg	10:21:14.928	0.8					T__				---		5319274	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
KECS	0.18	233.6	Pg	10:21:12.362	0.0					T__		811.5		---	ML	1.7	5319264	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.18	233.6	Lg	10:21:16.431	1.0					T__				---		5319265	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.46	129.8	Pg	10:21:19.510	1.6					T__		103.1		---	ML	1.6	5319266	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.46	129.8	Lg	10:21:23.869	-1.9					T__				---		5319267	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.49	194.6	Pg	10:21:18.200	-0.5					T__		75.6		---	ML	1.5	5319275	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	194.6	Lg	10:21:25.121	-1.5					T__				---		5319276	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.87 219.2 Pg 10:21:26.440 -0.3 T__ 75.4 ___ ML 1.9 5319268 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.87 219.2 Lg 10:21:39.516 -0.2 T__ ___ 5319269 FDSN GE -- BUD iLoc BHZ ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 0.87 342.1 Pn 10:21:27.083 -0.0 T__ 29.2 ___ ML 1.4 5319270 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
STHS 0.90 22.9 Pg 10:21:25.540 0.4 T__ 81.5 ___ ML 1.9 5319271 FDSN SK -- BUD iLoc EHZ EHZ _
STHS 0.90 22.9 Lg 10:21:37.034 -1.4 T__ ___ 5319272 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
HOLU 1.12 92.7 Pg 10:21:29.313 -0.5 T__ ___ 5319277 FDSN UA -- BUD iLoc MHZ ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/03/04 14:52:21.71 3.24 0.59 47.8581 20.1792 33.5 4.3 163 0.0f 6 4 235 0.20 0.68 sx BUD 16000248 BUD 256

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.2 3 BUD 16000248

```

```

Sta 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 0.20 287.6 Pg 14:52:26.736 0.2 T__ 277.9 ___ ML 1.3 5319329 FDSN GE -- BUD iLoc BHZ BHZ _
(Reading ML: 1.3 magdef=1
PSZ 0.20 287.6 Lg 14:52:29.989 -0.5 T__ ___ 5319330 FDSN GE -- BUD iLoc BHN ??? _
(Station ML: 1.3 magdef=1
HU02A 0.35 41.2 Pg 14:52:29.499 0.1 T__ 52.0 ___ ML 1.0 5319331 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.35 41.2 Lg 14:52:34.878 -0.6 T__ ___ 5319332 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU03A 0.39 276.9 Lg 14:52:36.356 -0.1 T__ 5319333 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.68 20.6 Pg 14:52:36.018 0.6 T__ 36.6 ___ ML 1.4 5319334 FDSN ZJ -- 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
2020/03/04 15:45:50.98 0.45 0.56 47.9608 20.1117 7.0 4.0 145 0.0 0.0 6 0 165 0.15 0.70 kx BUD 16000250 BUD
2020/03/04 15:45:49.01 0.98 1.54 47.8650 20.1529f 0.0f 6 4 119 0.18 0.63 kx BUD_GT 16000251 BUD 236

```

```

(locality : Kishána Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.0 2 BUD 16000251

```

```

Sta 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 15:45:53.384 -0.1 T__ 202.9 ___ ML 1.1 5319378 FDSN GE -- iLoc BUD BHZ BHZ _
PSZ 0.18 287.2 Lg 15:45:55.725 -1.4 T__ ___ 5319379 FDSN GE -- iLoc BUD BHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1

```

HU23A	0.24	163.9	Lg	15:46:01.162	2.5					T__						5319382	FDSN	ZJ	00	iLoc	BUD	HHN	???	_			
HU02A	0.36	44.0	Pg	15:45:56.495	-0.4					T__	57.0					---	ML	1.1	5319380	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	15:46:01.641	-1.4					T__						---		5319381	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
				(Reading ML: 1.1 magdef=1)																							
				(Station ML: 1.1 magdef=1)																							
HU01A	0.63	214.9	Lg	15:46:13.816	1.3					T__						---		5319383	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/03/05	10:19:26.08	0.97	1.31	47.1282	18.0506	6.3	3.7	112	0.0f		9	6	114	0.25	1.48	sx	BUD	16000252	BUD			185

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD	16000252

Sta	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	205.3	Pg	10:19:32.002	0.4					T__		676.3			ML	1.8	5319759	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.25	205.3	Lg	10:19:36.034	-0.0					T__						5319752	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
CSKK	0.28	31.2	Pg	10:19:32.058	-0.1					T__	156.1				ML	1.3	5319760	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.28	31.2	Lg	10:19:37.764	0.3					T__						5319751	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
MPLH	0.35	277.1	Pg	10:19:33.693	0.0					T__	101.0				ML	1.3	5319753	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.35	277.1		10:19:38.680						---						5319754	FDSN	HU	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
MORH	1.00	155.7	Pg	10:19:46.212	0.2					T__	12.8				ML	1.2	5319756	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.00	155.7	Lg	10:20:01.174	0.5					T__						5319755	FDSN	HU	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
KOVH	1.04	178.1	Lg	10:19:59.545	-2.8					T__						5319757	FDSN	HU	--	BUD	iLoc	BHN	???	_	
PSZ	1.48	57.0	Sn	10:20:15.830	1.4					T__						5319758	FDSN	GE	--	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
2020/03/05	13:34:02.74	0.89	1.01	46.7836	17.3301	4.3	3.9	90	0.0f		16	11	61	0.14	1.52	sx	BUD	16000254	BUD			107

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	16000254

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A263A	0.14	184.2	Lg	13:34:10.134	1.1					T__						5320136	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A261A	0.21	323.6	Pg	13:34:07.518	-0.1					T__	2469.5				ML	2.3	5320138	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_
A261A	0.21	323.6	Lg	13:34:10.560	-0.7					T__						5320137	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.3 magdef=1)																					
				(Station ML: 2.3 magdef=1)																					
TIH	0.40	73.0	Lg	13:34:19.633	1.8					T__						5320128	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
MPLH	0.41	20.3	Pg	13:34:12.145	0.6					T__	129.9				ML	1.6	5320124	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.41	20.3	Lg	13:34:16.851	-1.5					T__						5320125	FDSN	HU	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					

HU08A	0.76	31.8	Lg	13:34:29.825	-0.8	T__									5320139	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
KOGS	0.82	246.1	Pg	13:34:18.751	-0.2	T__	308.3								5320129	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.82	246.1	Lg	13:34:29.811	0.2	T__									5320130	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.4 magdef=1)																							
(Station ML: 2.4 magdef=0)																							
CSKK	0.86	47.3	Lg	13:34:34.300	-0.1	T__									5320131	FDSN	HU	--	BUD	iLoc	HHE	???	_
KOVH	0.88	142.3	Pg	13:34:19.062	-1.4	T__	46.4								5320126	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.7 magdef=1)																							
KOVH	0.88	142.3	Lg	13:34:32.609	-0.0	T__									5320132	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML: 1.7 magdef=1)																							
MORH	1.07	121.6	Pn	13:34:25.002	1.3	T__	9.6								5320127	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.1 magdef=1)																							
MORH	1.07	121.6	Sn	13:34:40.363	0.5	T__									5320133	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML: 1.1 magdef=0)																							
ARSA	1.32	291.4	Lg	13:34:45.552	0.7	T__									5320134	FDSN	OE	--	BUD	iLoc	BHN	???	_
CONA	1.52	319.5	Lg	13:34:53.073	0.8	T__									5320135	FDSN	OE	--	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
2020/03/06	13:00:40.51	1.09	0.65	48.1264	20.7779	6.6	3.7	158	0.0f		10	5	189	0.17	0.63	sx	BUD	16000258	BUD		274	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	16000258

Sta	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	268.7	Pg	13:00:44.774	0.2					T__		277.9			ML	1.2	5321051	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.17	268.7	Lg	13:00:48.318	0.4					T__						5321052	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.35	61.0	Pg	13:00:48.346	0.4					T__	118.6			_c_	ML	1.4	5321046	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.35	61.0	Lg	13:00:53.027	-1.2					T__						5321047	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	0.40	336.8	Pg	13:00:48.778	0.1					T__	51.2				ML	1.1	5321053	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.40	336.8	Lg	13:00:54.717	-0.3					T__						5321054	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
KECS	0.41	331.4	Pg	13:00:48.905	0.1					T__	100.8				ML	1.4	5321049	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.41	331.4	Lg	13:00:55.165	-0.0					T__						5321048	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.63	251.0	Pg	13:00:53.180	-0.8					T__	52.3				ML	1.6	5321050	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.6 magdef=1)																									
PSZ	0.63	251.0	Lg	13:01:04.391	0.6					T__						5321055	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(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
2020/03/09	10:17:56.89	1.28	1.69	47.4754	18.5034	8.8	3.6	115	0.0f		8	6	171	0.18	1.04	sx	BUD	16000260	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	
HU09A	0.18	333.4	Pg	10:18:02.189	1.1					T__		2180.4		---	ML	2.1	5326802	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.18	333.4	Lg	10:18:04.758	-0.0					T__				---		5326803	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.20	235.8	Pg	10:18:02.284	0.8					T__		301.8		---	ML	1.3	5326806	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
CSKK	0.20	235.8	Lg	10:18:04.997	-0.5					T__				---		5326799	FDSN	HU	--	BUD	iLoc	HHE	???	_	
SR0	0.36	339.3	Lg	10:18:08.661	-2.3					T__				---		5326800	FDSN	SK	--	BUD	iLoc	EHE	???	_	
HU10A	0.51	43.1	Lg	10:18:14.891	-1.2					T__				---		5326804	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.72	245.4	Lg	10:18:20.631	-1.8					T__				---		5326805	FDSN	HU	--	BUD	iLoc	BHE	???	_	
PSZ	1.04	64.2	Sn	10:18:33.241	-1.3					T__				---		5326801	FDSN	GE	--	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	
2020/03/09	10:20:48.22	1.04	0.52	48.4608	21.3475	6.3	4.6	153	0.0f		9	7	142	0.18	1.11	sx	BUD	16000262	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	
ABAH	0.18	203.6	Pg	10:20:52.392	0.1					T__		343.3		---	ML	1.3	5326843	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.18	203.6	Lg	10:20:55.599	-0.2					T__				---		5326842	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.54	274.0	Pg	10:20:58.825	-0.2					T__		73.7		---	ML	1.7	5326844	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	274.0	Lg	10:21:07.997	0.7					T__				---		5326845	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.57	272.6	Lg	10:21:08.895	0.4					T__				---		5326840	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.65	238.6	Lg	10:21:11.010	-0.9					T__				---		5326846	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HOLU	0.69	84.1	Pg	10:21:01.711	0.0					T__				---		5326847	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
STZU	1.01	56.2	Pg	10:21:07.376	-0.1					T__				---		5326848	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
PSZ	1.11	241.4	Sn	10:21:27.571	-0.2					T__				---		5326841	FDSN	GE	--	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	
2020/03/09	10:58:25.34	1.01	0.77	48.5483	20.7828	5.6	4.1	169	0.0f		13	8	89	0.17	1.24	sx	BUD	16000264	BUD			128	

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 8 BUD 16000264

Sta	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	252.1	Pg	10:58:28.795	-0.2					T__		284.7		---	ML	1.2	5326914	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	252.1	Lg	10:58:32.839	1.0					T__				---		5326915	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=0)																					
KECS	0.21	251.9	Pg	10:58:29.370	-0.3					T__		752.2		---	ML	1.8	5326905	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	251.9	Lg	10:58:33.220	0.1					T__				---		5326906	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
ABAH	0.40	129.5	Pg	10:58:33.587	0.1					T__		99.8		---	ML	1.4	5326907	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
HU02A	0.46	202.1	Pg	10:58:34.867	-0.2					T__		70.8		---	ML	1.4	5326916	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_
HU02A	0.46	202.1	Lg	10:58:41.555	-1.0					T__				---		5326917	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
PSZ	0.87	223.6	Pg	10:58:43.879	0.3					T__		80.2		---	ML	1.9	5326908	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	223.6	Lg	10:58:57.096	0.5					T__				---		5326909	FDSN	GE	--	BUD	iLoc	BHN	???	_	

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
STHS 0.92 19.1 Pg 10:58:42.169 -0.3 T__ 65.0 ___ ML 1.8 5326910 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.93 340.1 Pn 10:58:45.848 1.1 T__ 52.7 ___ ML 1.7 5326911 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TRPA 1.24 109.0 Pn 10:58:48.968 0.1 T__ 24.6 ___ ML 1.6 5326912 FDSN HU -- BUD iLoc BHZ BHZ _
TRPA 1.24 109.0 Sn 10:59:06.338 -1.4 T__ ___ 5326913 FDSN HU -- BUD iLoc BHN ??? _
(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
2020/03/09 19:44:27.47 1.21 0.80 47.0927 17.3702 7.8 6.9 89 2.0f 5 3 157 0.14 0.74 ke BUD 16000266 BUD 299

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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
MPLH 0.14 56.1 Pg 19:44:30.969 0.4 T__ 74.7 ___ ML 0.6 5327240 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.14 56.1 Lg 19:44:32.496 -0.6 T__ ___ 5327241 FDSN HU -- BUD iLoc BHN ??? _
EGYH 0.33 355.4 Pg 19:44:34.582 0.4 T__ 117.7 ___ ML 1.3 5327243 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.33 355.4 Lg 19:44:38.603 -0.6 T__ ___ 5327242 FDSN HU -- BUD iLoc HHN ??? _
BEHE 0.74 213.5 Lg 19:44:51.664 -0.5 T__ ___ 5327244 FDSN HU -- 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
2020/03/09 20:27:38.94 1.09 0.80 46.2691 22.1089 11.0 5.3 116 5.0f 7 5 106 0.67 1.42 ke BUD 16000268 BUD 190

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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 0.67 38.3 Pg 20:27:52.646 0.3 T__ 42.5 ___ ML 1.5 5327278 FDSN RO -- BUD iLoc BHZ BHZ _
DRGR 0.67 38.3 Lg 20:28:01.195 -1.3 T__ ___ 5327279 FDSN RO -- BUD iLoc BHN ??? _
BZS 0.74 207.9 Pg 20:27:53.663 0.4 T__ 38.4 ___ ML 1.5 5327282 FDSN RO -- BUD iLoc BHZ BHZ _
BZS 0.74 207.9 Lg 20:28:03.027 -0.7 T__ ___ 5327281 FDSN RO -- BUD iLoc BHE ??? _
HU24A 0.92 314.7 Lg 20:28:09.888 -0.3 T__ ___ 5327284 FDSN ZJ 00 BUD iLoc HHN ??? _
GZR 0.99 151.7 Lg 20:28:11.577 -0.2 T__ ___ 5327280 FDSN RO -- BUD iLoc BHE ??? _
LOT 1.42 124.7 Sn 20:28:24.531 -0.4 T__ ___ 5327283 FDSN RO -- 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
2020/03/10 07:59:50.45 0.56 0.93 47.8388 19.9446 7.9 4.4 152 0.0 0.0 10 0 186 0.09 1.24 kx BUD 16000270 BUD
2020/03/10 07:59:48.23 0.95 0.95 47.8285 19.9317f 0.0f 10 6 186 0.09 1.22 kx BUD_GT 16000271 BUD 282

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(locality : Gyöngyössolymos-II Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 5 BUD 16000271

Sta	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	344.4	Pg	07:59:50.705	-0.2					T__		1649.1		---	ML	1.8	4846594	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.09	344.4	Lg	07:59:52.930	-0.4					T__				---		4846595	FDSN	GE	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
HU02A	0.50	53.4	Pg	07:59:57.866	-0.9					T__		62.8		---	ML	1.5	4846596	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	53.4	Lg	08:00:06.909	-0.0					T__				---		4846597	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=0)																					
KECS	0.75	29.3	Pg	08:00:04.860	1.5					T__		107.0		---	ML	1.9	4846591	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.75	29.3	Lg	08:00:14.529	-0.2					T__				---		4846590	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
JOS	0.78	31.1	Pg	08:00:05.424	1.6					T__		54.7		---	ML	1.7	4846598	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	31.1	Lg	08:00:15.383	-0.3					T__				---		4846599	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
ABAH	0.99	61.4	Pn	08:00:09.236	1.0					T__		112.5		---	ML	2.1	4846592	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=0)																					
CSKK	1.22	248.2	Sn	08:00:30.814	1.0					T__				---		4846593	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	
2020/03/10	08:31:07.41	0.94	1.21	47.7085	18.5373	3.9	3.9	144	0.0f		10	7	118	0.13	1.08	sx	BUD	16000272	BUD			132	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	3 BUD	16000272

Sta	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	236.3	Pg	08:31:10.404	-0.1					T__		2015.2		---	ML	2.0	5328084	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.13	236.3	Lg	08:31:12.806	-0.5					T__				---		5328085	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
SRO	0.18	304.9	Pg	08:31:12.104	0.5					T__		2298.5		---	ML	2.2	5328078	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.18	304.9	Lg	08:31:15.463	0.2					T__				---		5328079	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
HU10A	0.35	67.0	Lg	08:31:21.658	0.6					T__				---		5328086	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.39	208.6	Pg	08:31:16.905	1.3					T__		159.3		---	ML	1.6	5328087	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.6 magdef=1)																					
CSKK	0.39	208.6	Lg	08:31:22.180	-0.4					T__				---		5328081	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Station ML: 1.6 magdef=1)																					
BUD	0.40	124.2	Lg	08:31:21.671	-1.2					T__				---		5328080	FDSN	HU	--	BUD	iLoc	BHN	???	_	
PSZ	0.94	76.6	Lg	08:31:39.737	-1.7					T__				---		5328082	FDSN	GE	--	BUD	iLoc	BHN	???	_	
MODS	1.08	308.7	Lg	08:31:43.859	-1.8					T__				---		5328083	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	
2020/03/10	09:39:51.08	1.65	1.97	47.1694	17.4700	9.5	7.1	15	5.8	12.0	8	6	116	0.05	1.33	ke	BUD	16000274	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	
MPLH	0.05	89.0	Pg	09:39:52.776	-0.0					T__		498.4		_c_	ML	1.1	5328165	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.05	89.0	Lg	09:39:54.711	0.4					T__						5328166	FDSN	HU	--	BUD	iLoc	BHN	???	_	
EGYH	0.27	339.3	Pg	09:39:56.990	0.3					T__		238.8			ML	1.4	5328168	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.27	339.3	Lg	09:40:00.787	-0.1					T__						5328167	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU08A	0.41	49.5	Lg	09:40:05.093	-0.8					T__						5328172	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
KOVH	1.17	157.9	Sn	09:40:31.163	2.3					T__						5328169	FDSN	HU	--	BUD	iLoc	BHE	???	_	
MORH	1.25	139.3	Sn	09:40:33.875	2.9					T__						5328170	FDSN	HU	--	BUD	iLoc	BHE	???	_	
ARSA	1.33	274.2	Lg	09:40:32.340	-1.1					T__						5328171	FDSN	OE	--	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	
2020/03/10	10:09:25.41	0.94	0.86	48.5364	20.7670	5.0	3.5	5	0.0f		13	8	108	0.16	1.25	sx	BUD	16000276	BUD			194	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.5	5 BUD	16000276

Sta	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	255.1	Pg	10:09:28.890	0.1					T__		411.6			ML	1.3	5328252	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	255.1	Lg	10:09:32.555	1.1					T__						5328253	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																					
KECS	0.19	254.2	Pg	10:09:29.415	-0.1					T__		2047.2			ML	2.2	5328243	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
				(Reading ML: 2.2 magdef=1)																					
KECS	0.19	254.2	Lg	10:09:31.512	-1.2					T__						5328248	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Station ML: 2.2 magdef=0)																					
ABAH	0.40	127.2	Pg	10:09:33.664	0.1					T__		92.4			ML	1.4	5328244	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	127.2	Lg	10:09:39.707	-0.8					T__						5328245	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																					
HU02A	0.44	201.4	Lg	10:09:42.542	0.4					T__						5328254	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.85	223.7	Pg	10:09:42.702	-0.7					T__		129.6			ML	2.1	5328246	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 2.1 magdef=1)																					
PSZ	0.85	223.7	Lg	10:09:56.876	0.7					T__						5328249	FDSN	GE	--	BUD	iLoc	BHE	???	_	
				(Station ML: 2.1 magdef=1)																					
NIE	0.93	340.9	Pg	10:09:43.353	0.3					T__		45.7			ML	1.7	5328251	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.93	340.9	Lg	10:09:55.609	-0.7					T__						5328250	FDSN	PL	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																					
HOLU	1.07	89.9	Pg	10:09:46.370	0.4					T__						5328255	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
TRPA	1.25	108.3	Sn	10:10:06.572	-1.4					T__						5328247	FDSN	HU	--	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		
2020/03/10	10:13:06.83	1.00	0.97	48.2454	21.2115	6.9	3.7	168	0.0f		15	9	153	0.05	1.32	sx	BUD	16000278	BUD			180		

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	16000278

Sta	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	20.4	Pg	10:13:08.138	-0.4					T__		6818.5			ML	2.3	5328315	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

ABAH	0.05	20.4	Lg	10:13:09.655	-0.5	T__									5328316	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																							
(Station ML: 2.3 magdef=0)																							
HU02A	0.48	255.2	Pg	10:13:16.314	-0.6	T__	100.0								5328324	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	255.2	Lg	10:13:23.642	-1.1	T__									5328325	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=0)																							
JOS	0.51	299.5	Pg	10:13:17.186	0.0	T__	93.8								5328326	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	299.5	Lg	10:13:24.456	-0.6	T__									5328327	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
KECS	0.54	296.4	Pg	10:13:17.942	0.2	T__	140.8								5328317	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.54	296.4	Lg	10:13:26.318	0.3	T__									5328318	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
HOLU	0.83	69.7	Pg	10:13:23.405	0.5	T__									5328328	FDSN	UA	--	BUD	iLoc	MHZ	???	_
TRPA	0.90	96.9	Pg	10:13:24.402	0.1	T__	48.7								5328319	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.90	96.9	Lg	10:13:37.568	-1.4	T__									5328320	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
PSZ	0.94	250.2	Pg	10:13:28.838	2.1	T__	99.8								5328321	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.94	250.2	Lg	10:13:40.795	-0.0	T__									5328322	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
STZU	1.21	50.0	Pg	10:13:30.662	0.8	T__									5328329	FDSN	UA	--	BUD	iLoc	MHZ	???	_
NIE	1.32	333.2	Lg	10:13:52.264	1.1	T__									5328323	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
2020/03/10	12:17:40.40	0.50	0.90	47.9438	19.7332	9.0	4.3	157	0.0	0.0	6	0	157	0.10	0.77	kx	BUD	16000280	BUD			
2020/03/10	12:17:37.24	1.00	2.11	48.0061	19.6278f				0.0f		6	4	220	0.10	0.78	kx	BUD_GT	16000281	BUD			294
(locality : Nagylóc Hungary)																						
(description : known quarry blast)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	2 BUD	16000281

Sta	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	Lg	12:17:42.890	0.9					T__						5328379	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
PSZ	0.20	116.0	Pg	12:17:41.460	-0.6					T__	476.8				ML	1.5	5328377	FDSN	GE	--	iLoc	BUD	BHZ	BHZ	_
PSZ	0.20	116.0	Lg	12:17:44.513	-1.4					T__						5328378	FDSN	GE	--	iLoc	BUD	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.61	78.7	Lg	12:17:57.333	-2.6					T__						5328380	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
JOS	0.78	50.9	Pg	12:17:56.337	3.5					T__	79.4				ML	1.8	5328382	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.78	50.9	Lg	12:18:05.030	0.3					T__						5328381	FDSN	ZJ	--	iLoc	BUD	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
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2020/03/10 12:20:22.45 1.14 1.10 46.0685 22.0774 8.3 5.6 132 2.0 25.6 9 6 99 0.55 1.34 ke BUD 16000282 BUD 166

Magnitude Err Nsta Author OrigID
ML 1.8 0.0 3 BUD 16000282

Sta	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	0.55	215.6	Pg	12:20:33.199	-0.1					T__		56.2		---	ML	1.6 5328429	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.55	215.6	Lg	12:20:40.203	-1.0					T__				---		5328423	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
GZR	0.83	143.8	Pg	12:20:38.778	0.4					T__		68.6		---	ML	1.8 5328426	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.83	143.8	Lg	12:20:49.974	-0.2					T__				---		5328427	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
DRGR	0.85	31.0	Pg	12:20:39.185	-0.1					T__		68.2		---	ML	1.8 5328425	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.85	31.0	Lg	12:20:50.992	-0.8					T__				---		5328424	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
BANR	0.95	224.2	Lg	12:20:55.266	1.1					T__				---		5328428	FDSN	RO	--	BUD	iLoc	BHE	???	_
HU24A	1.05	323.3	Lg	12:20:59.005	0.8					T__				---		5328431	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
LOT	1.34	117.0	Sn	12:21:05.514	-1.6					T__				---		5328430	FDSN	RO	--	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
2020/03/12 02:37:46.82 1.22 0.98 46.6553 22.1231 6.4 4.1 106 1.2 9.9 37 18 74 0.43 2.37 ke BUD 16000284 BUD 92

Magnitude Err Nsta Author OrigID
ML 2.0 0.1 6 BUD 16000284

Sta	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	0.43	71.2	Pg	02:37:55.873	0.4					T__		86.4		---	ML	1.4 5331858	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.43	71.2	Lg	02:38:01.369	-1.1					T__				---		5331859	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.4 magdef=1)																								
DRGR	0.43	71.2	Lg	02:38:01.642	-0.9					T__				_d_		05289047	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML: 1.4 magdef=1)																								
BORR	0.49	332.1	Lg	02:38:04.585	-0.4					T__				_c_		05289038	FDSN	IR	--	ISC	iLoc	???	???	_
MARR	0.69	87.9	Pg	02:38:00.947	0.4					T__				_c_		05289055	FDSN	IR	--	ISC	iLoc	???	???	_
MARR	0.69	87.9	Lg	02:38:09.745	-1.6					T__				_d_		05289056	FDSN	IR	--	ISC	iLoc	???	???	_
HU24A	0.71	291.4	Lg	02:38:13.223	1.0					T__				---		5331870	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
LTVH	0.75	348.3	Pg	02:38:01.878	-0.0					T__		173.2		---	ML	2.2 5331861	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
LTVH	0.75	348.3	Lg	02:38:12.667	-0.7					T__				---		5331860	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																								
LTVH	0.75	348.3	Lg	02:38:13.480	0.1					T__				_c_		05289054	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML: 2.2 magdef=0)																								
MESR	0.75	48.6	Pg	02:38:01.792	0.2					T__		0.1		_c_	ML	-1.1 05289059	FDSN	IR	--	ISC	iLoc	???	???	_
MESR	0.75	48.6	Lg	02:38:12.367	-1.2					T__		0.1		_c_	ML	-1.1 05289060	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: -1.1 magdef=1)																								
(Station ML: -1.1 magdef=0)																								
DEV	0.94	144.7	Pg	02:38:05.859	1.1					T__				_d_		05289042	FDSN	IR	--	ISC	iLoc	???	???	_
DEV	0.94	144.7	Lg	02:38:17.145	-0.9					T__				---		5331862	FDSN	RO	--	BUD	iLoc	BHE	???	_
DEV	0.94	144.7	Lg	02:38:17.837	-0.2					T__				_d_		05289043	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.02	86.2	Pg	02:38:06.866	0.2					T__		100.6		---	ML	2.1 5331864	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	1.02	86.2	Lg	02:38:20.708	-1.0					T__				---		5331863	FDSN	RO	--	BUD	iLoc	BHE	???	_

```

(Reading ML: 2.1 magdef=1
CJR 1.02 86.2 Lg 02:38:21.450 -0.2 T__ _d_ 09875692 FDSN IR -- ISC iLoc ??? ??? _
(Station ML: 2.1 magdef=1
HU06A 1.07 273.6 Lg 02:38:22.649 -0.8 T__ --- 5331871 FDSN ZJ 00 BUD iLoc HHE ??? _
BZS 1.10 198.9 Pg 02:38:07.782 -0.3 T__ 59.1 --- ML 1.9 5331865 FDSN RO -- BUD iLoc BHZ BHZ _
BZS 1.10 198.9 Lg 02:38:21.929 -1.4 T__ --- 5331866 FDSN RO -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
GZR 1.34 159.9 Pn 02:38:12.667 0.7 T__ 65.2 --- ML 2.1 5331868 FDSN RO -- BUD iLoc BHZ BHZ _
GZR 1.34 159.9 Lg 02:38:30.377 -0.5 T__ --- 5331867 FDSN RO -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
GZR 1.34 159.9 Lg 02:38:30.879 -0.0 T__ _d_ 05289049 FDSN IR -- ISC iLoc ??? ??? _
(Station ML: 2.1 magdef=1
BMR 1.38 42.1 Sn 02:38:32.831 0.6 T__ _c_ 05289037 FDSN IR -- ISC iLoc ??? ??? _
LOT 1.67 135.9 Pg 02:38:18.432 -0.0 T__ _c_ 05289052 FDSN IR -- ISC iLoc ??? ??? _
LOT 1.67 135.9 Sn 02:38:40.453 1.1 T__ --- 5331869 FDSN RO -- BUD iLoc BHN ??? _
HERR 1.79 173.3 Pg 02:38:20.091 -0.8 T__ _c_ 05289050 FDSN IR -- ISC iLoc ??? ??? _
HERR 1.79 173.3 Lg 02:38:43.943 -0.3 T__ _d_ 05289051 FDSN IR -- ISC iLoc ??? ??? _
TNR 1.80 123.1 Sn 02:38:44.300 2.1 T__ _c_ 05289061 FDSN IR -- ISC iLoc ??? ??? _
TNR 1.80 123.1 Sn 02:38:44.300 2.1 T__ _c_ 09875708 FDSN IR -- ISC iLoc ??? ??? _
MDVR 1.90 188.9 Pn 02:38:21.451 1.9 T__ _c_ 05289057 FDSN IR -- ISC iLoc ??? ??? _
MDVR 1.90 188.9 Lg 02:38:47.172 -0.9 T__ _c_ 05289058 FDSN IR -- ISC iLoc ??? ??? _
DOPR 2.37 105.7 Pn 02:38:27.205 0.7 T__ _d_ 05289044 FDSN IR -- ISC iLoc ??? ??? _
DOPR 2.37 105.7 Sn 02:38:57.424 0.9 T__ _d_ 05289045 FDSN IR -- ISC iLoc ??? ??? _
VOIR 2.37 119.8 Pn 02:38:27.209 0.4 T__ _c_ 05289062 FDSN IR -- ISC iLoc ??? ??? _
VOIR 2.37 119.8 Sn 02:38:58.078 0.8 T__ _d_ 05289063 FDSN IR -- ISC iLoc ??? ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/03/12 08:14:21.85 0.94 0.51 47.1333 17.8693 4.5 4.0 102 0.0f 8 5 103 0.23 1.06 sx BUD 16000286 BUD 191

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 16000286

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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 0.23 279.4 Pg 08:14:27.201 0.2 T__ 218.0 --- ML 1.3 5331935 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.23 279.4 Lg 08:14:31.006 -0.2 T__ --- 5331940 FDSN HU -- BUD iLoc BHZ ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
TIH 0.23 176.0 Pg 08:14:27.104 0.0 T__ 1241.9 --- ML 2.0 5331936 FDSN HU -- BUD iLoc HHZ HHZ _
TIH 0.23 176.0 Lg 08:14:31.559 0.3 T__ --- 5331937 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU08A 0.30 7.1 Lg 08:14:33.536 -0.3 T__ --- 5331941 FDSN ZJ 00 BUD iLoc HHE ??? _
CSKK 0.35 49.1 Pg 08:14:29.731 0.4 T__ --- ML 1.4 5331942 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
CSKK 0.35 49.1 Lg 08:14:35.362 -0.5 T__ --- 5331939 FDSN HU -- BUD iLoc HHE ??? _
(Station ML: 1.4 magdef=1
MORH 1.06 149.6 Lg 08:14:57.698 -0.8 T__ --- 5331938 FDSN HU -- 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

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2020/03/12 09:17:46.89 2.94 0.89 47.7938 19.1312 39.4 4.1 8 0.0f 7 4 228 0.09 1.18 sx BUD 16000288 BUD 336

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 4 BUD 16000288

Sta	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	304.2	Pg	09:17:49.633	0.4					T__		2602.2		---	ML	2.0 5331977	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.09	304.2	Lg	09:17:50.382	-1.0					T__				---		5331978	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
PSZ	0.53	76.1	Pg	09:17:58.076	-0.3					T__		116.3		---	ML	1.8 5331976	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.53	76.1	Lg	09:18:06.931	0.0					T__				---		5331975	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
HU02A	0.99	70.2	Pg	09:18:08.303	0.9					T__		69.6		---	ML	1.9 5331979	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	70.2	Sn	09:18:22.342	-0.9					T__				---		5331980	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
JOS	1.18	52.8	Pg	09:18:10.700	0.5					T__		139.4		---	ML	2.3 5331981	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(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
2020/03/12 10:29:49.57 1.04 0.72 48.5717 20.7336 5.5 4.0 11 0.0f 12 7 146 0.15 1.10 sx BUD 16000290 BUD 209

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 6 BUD 16000290

Sta	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	239.6	Pg	10:29:52.846	0.1					T__		578.9		---	ML	1.5 5332044	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	239.6	Lg	10:29:56.496	1.2					T__				---		5332045	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
KECS	0.19	241.9	Pg	10:29:53.390	-0.1					T__		1720.2		---	ML	2.1 5332037	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.19	241.9	Lg	10:29:57.514	0.9					T__				---		5332038	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
ABAH	0.44	129.1	Pg	10:29:58.681	0.2					T__		177.6		---	ML	1.8 5332039	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
HU02A	0.47	197.3	Pg	10:29:59.387	-0.2					T__		118.1		---	ML	1.7 5332046	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_
HU02A	0.47	197.3	Lg	10:30:06.460	-0.7					T__				---		5332047	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
PSZ	0.86	220.9	Pn	10:30:07.507	-0.5					T__		186.8		---	ML	2.3 5332040	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	220.9	Lg	10:30:19.458	-1.2					T__				---		5332041	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=0)																								
LANS	1.02	305.2	Pg	10:30:09.191	-0.4					T__		56.9		---	ML	1.8 5332042	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.02	305.2	Lg	10:30:23.514	0.2					T__				---		5332043	FDSN	SK	--	BUD	iLoc	EHN	???	_
(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			
2020/03/13	07:50:41.47	1.40	0.64	48.0444	20.6813	8.9	4.7	174	0.0f	9	5	201		0.13	0.54	sx	BUD	16000296	BUD		268				
Magnitude Err Nsta Author OrigID ML 1.6 0.1 4 BUD 16000296																									
Sta	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	306.7	Pg	07:50:44.873	0.1					T__		834.8		___	ML	1.6	5334194	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	306.7	Lg	07:50:47.565	0.0					T__				___		5334195	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.45	55.8	Pg	07:50:51.142	0.4					T__		92.8		___	ML	1.5	5334189	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	55.8	Lg	07:50:57.503	-1.1					T__				___		5334190	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.46	343.5	Pg	07:50:51.396	0.6					T__		217.4		___	ML	1.9	5334192	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.46	343.5	Lg	07:50:57.809	-0.1					T__				___		5334191	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.46	348.2	Pg	07:50:50.956	0.1					T__		75.8		___	ML	1.5	5334196	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	07:50:57.364	-0.6					T__				___		5334197	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	0.54	256.9	Lg	07:51:01.422	-0.5					T__				___		5334193	FDSN	GE	--	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 2020/03/13 08:33:21.83 0.96 0.87 46.0253 22.7938 6.4 4.1 89 0.0f 10 5 112 0.16 0.92 sx BUD 16000298 BUD 174																									
Magnitude Err Nsta Author OrigID ML 1.7 0.0 5 BUD 16000298																									
Sta	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	151.7	Pg	08:33:24.070	-0.8					T__		850.2		___	ML	1.7	5334255	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	0.16	151.7	Lg	08:33:27.735	0.6					T__				___		5334254	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
GZR	0.63	181.1	Pg	08:33:33.910	-0.1					T__		68.0		___	ML	1.7	5334258	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.63	181.1	Lg	08:33:43.580	0.6					T__				___		5334259	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	0.77	355.8	Pg	08:33:36.081	-1.2					T__		74.0		___	ML	1.8	5334251	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.77	355.8	Lg	08:33:49.312	0.1					T__				___		5334252	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CJR	0.89	38.7	Pg	08:33:40.526	1.2					T__		134.6		___	ML	2.1	5334260	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	0.89	38.7	Lg	08:33:53.587	0.6					T__				___		5334253	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									

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BZS 0.92 244.0 Pg 08:33:39.847 0.1 T__ 44.9 ___ ML 1.7 5334256 FDSN RO -- BUD iLoc BHZ BHZ _
BZS 0.92 244.0 Lg 08:33:53.587 0.8 T__ ___ 5334257 FDSN RO -- BUD iLoc BHN ??? _
(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
2020/03/13 08:59:03.84 0.97 0.66 46.0578 22.8047 6.6 4.2 81 0.0f 11 6 112 0.19 0.94 sx BUD 16000300 BUD 173

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```

Magnitude Err Nsta Author OrigID
ML 1.9 0.0 5 BUD 16000300

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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 0.19 158.5 Pg 08:59:07.137 -0.3 T__ 1083.6 ___ ML 1.9 5334318 FDSN RO -- BUD iLoc BHZ BHZ _
DEV 0.19 158.5 Lg 08:59:10.089 0.0 T__ ___ 5334319 FDSN RO -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
GZR 0.66 181.7 Pg 08:59:16.552 -0.1 T__ 87.2 ___ ML 1.8 5334321 FDSN RO -- BUD iLoc BHZ BHZ _
GZR 0.66 181.7 Lg 08:59:25.865 -0.2 T__ ___ 5334320 FDSN RO -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
DRGR 0.74 355.0 Pg 08:59:18.791 0.1 T__ 98.4 ___ ML 1.9 5334322 FDSN RO -- BUD iLoc BHZ BHZ _
DRGR 0.74 355.0 Lg 08:59:29.427 -1.2 T__ ___ 5334323 FDSN RO -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
CJR 0.86 39.7 Lg 08:59:33.956 -0.0 T__ ___ 5334324 FDSN RO -- BUD iLoc BHE ??? _
LOT 0.91 131.7 Pg 08:59:22.455 1.2 T__ 75.1 ___ ML 1.9 5334326 FDSN RO -- BUD iLoc BHZ BHZ _
LOT 0.91 131.7 Lg 08:59:33.905 -0.7 T__ ___ 5334325 FDSN RO -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BZS 0.94 242.4 Pg 08:59:22.506 0.3 T__ 43.9 ___ ML 1.7 5334327 FDSN RO -- BUD iLoc BHZ BHZ _
BZS 0.94 242.4 Lg 08:59:35.585 0.2 T__ ___ 5334328 FDSN RO -- BUD iLoc BHN ??? _
(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
2020/03/13 10:51:49.72 1.21 0.94 48.5631 20.7074 7.2 4.0 8 0.0f 10 6 180 0.13 1.01 sx BUD 16000302 BUD 249

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```

Magnitude Err Nsta Author OrigID
ML 1.5 0.2 6 BUD 16000302

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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 0.13 239.0 Pg 10:51:52.624 0.1 T__ 170.1 ___ ML 0.9 5334387 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.13 239.0 Lg 10:51:56.004 1.2 T__ ___ 5334388 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
KECS 0.17 241.6 Pg 10:51:53.188 -0.1 T__ 490.1 ___ ML 1.5 5334382 FDSN SK -- BUD iLoc EHN EHZ _
(Reading ML: 1.5 magdef=1
KECS 0.17 241.6 Lg 10:51:57.129 1.0 T__ ___ 5334389 FDSN SK -- BUD iLoc EHE ??? _
(Station ML: 1.5 magdef=1
ABAH 0.44 126.8 Pg 10:51:59.244 0.4 T__ 113.3 ___ ML 1.6 5334384 FDSN HU -- BUD iLoc HHZ HHZ _

```

ABAH	0.44	126.8	Lg	10:52:06.343	-0.1	T__									5334383	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
HU02A	0.46	195.5	Pg	10:51:59.012	-0.4	T__	44.6								5334390	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	195.5	Lg	10:52:05.170	-1.7	T__									5334391	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																							
(Station ML: 1.2 magdef=1)																							
PSZ	0.84	220.4	Pg	10:52:07.412	-0.1	T__	65.3								5334385	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=0)																							
LANS	1.01	306.1	Pg	10:52:08.938	-0.7	T__	40.6								5334386	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(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
2020/03/14	00:50:56.74	0.77	0.98	45.9968	16.0579	5.7	4.6	116	5.9	8.8	53	35	53	0.11	4.67	ke	BUD	16000304	BUD			102

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.2	34 BUD	16000304

Sta	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	0.11	214.9	Pg	00:50:59.279	-0.3					T__		14927.6			ML	2.8	5334782	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.11	214.9	Lg	00:51:01.489	-0.4					T__						5334797	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
ZAG	0.18	196.3	Pg	00:51:00.660	0.2					T__		12907.4			ML	2.9	5334783	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.18	196.3	Lg	00:51:04.329	1.1					T__						5334798	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									
CRES	0.45	248.1	Pg	00:51:05.618	0.0					T__		4504.9			ML	3.2	5334784	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.45	248.1	Lg	00:51:12.559	0.2					T__						5334800	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=0)																									
KOGS	0.47	16.4	Pg	00:51:05.568	-0.6					T__		4012.7			ML	3.2	5334785	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.47	16.4	Lg	00:51:12.716	0.3					T__						5334799	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=0)																									
BEHE	0.69	46.2	Pg	00:51:09.752	-0.8					T__		505.7			ML	2.6	5334786	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.69	46.2	Lg	00:51:19.660	0.0					T__						5334801	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
A264A	0.87	78.8	Pg	00:51:13.591	-0.3					T__		690.6			ML	2.8	5334807	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
A262A	0.93	20.4	Pn	00:51:14.699	-0.9					T__		530.3			ML	2.7	5334808	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
A010A	1.08	0.8	Pg	00:51:16.927	-0.3					T__		356.2			ML	2.7	5334809	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
A263A	1.08	53.1	Pg	00:51:17.413	-0.2					T__		691.6			ML	2.9	5334810	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	1.08	53.1	Lg	00:51:31.162	-1.1					T__						5334811	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									

(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 OBKA 1.17 296.6 Pg 00:51:18.866 0.3 T__ 283.8 ___ ML 2.6 5334787 FDSN OE -- BUD iLoc BHZ BHZ _ OBKA 1.17 296.6 Lg 00:51:34.757 0.3 T__ ___ 5334802 FDSN OE -- BUD iLoc BHN ??? _ (Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1 A261A 1.22 37.9 Pn 00:51:18.743 -0.7 T__ 368.9 ___ ML 2.7 5334812 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1 A273A 1.23 93.1 Pg 00:51:20.060 -0.1 T__ 476.3 ___ ML 2.9 5334813 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 A265A 1.28 69.9 Pn 00:51:19.187 -1.0 T__ 448.7 ___ ML 2.9 5334814 FDSN Z3 00 BUD iLoc HHZ HHZ _ A265A 1.28 69.9 Sn 00:51:36.433 -1.0 T__ ___ 5334815 FDSN Z3 00 BUD iLoc HHN ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 ARSA 1.31 343.8 Pn 00:51:20.712 -0.4 T__ 194.5 ___ ML 2.5 5334788 FDSN OE -- BUD iLoc BHZ BHZ _ ARSA 1.31 343.8 Sn 00:51:36.683 -1.7 T__ ___ 5334803 FDSN OE -- BUD iLoc BHE ??? _ (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=0 BLY 1.48 147.1 Pg 00:51:23.494 -0.6 T__ 233.6 ___ ML 2.7 5334789 FDSN MN -- BUD iLoc BHZ BHZ _ BLY 1.48 147.1 Sn 00:51:42.752 -0.2 T__ ___ 5334804 FDSN MN -- BUD iLoc BHE ??? _ (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1 MPLH 1.56 40.5 Pn 00:51:23.074 -1.0 T__ 144.4 ___ ML 2.5 5334791 FDSN HU -- BUD iLoc BHZ BHZ _ MPLH 1.56 40.5 Sn 00:51:44.916 0.6 T__ ___ 5334805 FDSN HU -- BUD iLoc BHE ??? _ (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=0 TIH 1.56 53.9 Pn 00:51:23.412 -0.6 T__ 634.2 ___ ML 3.2 5334790 FDSN HU -- BUD iLoc HHZ HHZ _ (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1 A266A 1.62 70.2 Pn 00:51:24.721 -0.1 T__ 602.9 ___ ML 3.2 5334816 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=0 EGYH 1.67 31.2 Pn 00:51:25.330 -0.4 T__ 222.0 ___ ML 2.8 5334792 FDSN HU -- BUD iLoc HHZ HHZ _ EGYH 1.67 31.2 Sn 00:51:47.540 0.6 T__ ___ 5334806 FDSN HU -- BUD iLoc HHE ??? _ (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 SOP 1.72 11.3 Pn 00:51:26.974 0.4 T__ 101.8 ___ ML 2.5 5334793 FDSN HU -- BUD iLoc BHZ BHZ _ SOP 1.72 11.3 Pg 00:51:28.714 -0.4 T__ ___ 5334817 FDSN HU -- BUD iLoc BHZ ??? _ (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=0 MORH 1.81 82.2 Pn 00:51:25.936 -1.5 T__ 64.2 ___ ML 2.3 5334794 FDSN HU -- BUD iLoc BHZ BHZ _ MORH 1.81 82.2 Pg 00:51:30.716 -0.2 T__ ___ 5334818 FDSN HU -- BUD iLoc BHZ ??? _ (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0 HU08A 1.93 41.1 Pn 00:51:28.422 -0.7 T__ 129.7 ___ ML 2.7 5334820 FDSN ZJ 00 BUD iLoc HHZ HHZ _ (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1 A267A 1.93 59.6 Pg 00:51:31.725 -1.3 T__ 133.8 ___ ML 2.7 5334819 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1 CONA 1.94 356.1 Pn 00:51:30.061 0.2 T__ 89.6 ___ ML 2.5 5334795 FDSN OE -- BUD iLoc BHZ BHZ _

CONA	1.94	356.1	Pg	00:51:34.233	1.3	T__	---	5334821	FDSN	OE	--	BUD	iLoc	BHZ	???	_			
				(Reading ML: 2.5 magdef=1															
				(Station ML: 2.5 magdef=0															
A013A	2.12	348.1	Pg	00:51:33.700	-2.0	T__	106.2	---	ML	2.7	5334822	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.7 magdef=1															
				(Station ML: 2.7 magdef=1															
HU22A	2.16	80.1	Pg	00:51:37.712	0.3	T__	232.8	---	ML	3.1	5334823	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 3.1 magdef=1															
				(Station ML: 3.1 magdef=1															
SRO	2.39	39.6	Pg	00:51:42.122	0.5	T__	313.9	---	ML	3.3	5334824	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
				(Reading ML: 3.3 magdef=1															
				(Station ML: 3.3 magdef=0															
A008A	2.39	353.5	Pn	00:51:36.846	0.9	T__	66.3	---	ML	2.6	5334825	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	2.39	353.5	Pg	00:51:43.062	2.3	T__		---			5334826	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
				(Reading ML: 2.6 magdef=1															
				(Station ML: 2.6 magdef=1															
MODS	2.52	18.8	Pn	00:51:37.567	-0.1	T__		---			5334827	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	2.52	18.8	Pg	00:51:45.911	1.6	T__		---			5334828	FDSN	SK	--	BUD	iLoc	HHZ	???	_
A007A	2.74	352.7	Pn	00:51:41.297	0.3	T__	82.6	---	ML	2.9	5334832	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.9 magdef=1															
				(Station ML: 2.9 magdef=1															
A006A	2.75	359.5	Pg	00:51:47.843	0.1	T__	114.9	---	ML	3.1	5334831	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 3.1 magdef=1															
				(Station ML: 3.1 magdef=1															
HU10A	2.75	46.6	Pn	00:51:40.985	0.6	T__	83.5	---	ML	2.9	5334829	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	2.75	46.6	Pg	00:51:50.376	1.8	T__		---			5334830	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
				(Reading ML: 2.9 magdef=1															
				(Station ML: 2.9 magdef=1															
KRUC	3.08	4.1	Pn	00:51:44.989	-0.4	T__	67.4	---	ML	3.0	5334796	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 3.0 magdef=1															
				(Station ML: 3.0 magdef=1															
BZS	3.91	93.6	Pg	00:52:12.046	3.3	T__	47.1	---	ML	3.3	5334833	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 3.3 magdef=1															
				(Station ML: 3.3 magdef=0															
DRGR	4.67	77.8	Pn	00:52:07.843	0.3	T__	43.2	---	ML	3.4	5334834	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 3.4 magdef=1															
				(Station ML: 3.4 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
2020/03/14	15:05:35.55	0.87	0.91	47.1130	18.2106	5.2	3.8	112	4.9	13.9	14	9	90	0.25	1.40	ke	BUD	16000306	BUD			130

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	7 BUD	16000306

Sta	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	0.25	131.8	Lg	15:05:45.443	0.4					T__						5335790	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
CSKK	0.25	7.7	Pg	15:05:41.029	0.2					T__		2687.2			---	ML	2.4	5335780	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	7.7	Lg	15:05:45.066	-0.3					T__						5335781	FDSN	HU	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 2.4 magdef=1																						
				(Station ML: 2.4 magdef=0																						
TIH	0.30	225.7	Pg	15:05:41.603	-0.2					T__		626.8			---	ML	1.9	5335785	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.9 magdef=1																						

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(Station ML: 1.9 magdef=1
MPLH 0.46 277.4 Pg 15:05:45.651 0.7 T__ 57.6 --- ML 1.3 5335782 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.46 277.4 Lg 15:05:51.466 -0.4 T__ --- 5335786 FDSN HU -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU09A 0.54 12.5 Lg 15:05:54.376 -0.8 T__ --- 5335791 FDSN ZJ 00 BUD iLoc HHE ??? _
A266A 0.59 176.4 Pn 15:05:49.349 0.3 T__ --- ML 2.1 5335792 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.59 176.4 Sn 15:05:58.737 -0.9 T__ --- 5335793 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MORH 0.95 161.5 Pn 15:05:53.674 -0.2 T__ 17.9 --- ML 1.3 5335783 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 0.95 161.5 Sn 15:06:06.087 -2.3 T__ --- 5335784 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
BEHE 1.18 237.4 Pn 15:05:57.959 0.5 T__ 45.9 --- ML 1.8 5335789 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
PSZ 1.40 54.2 Pn 15:06:00.994 0.4 T__ 97.6 --- ML 2.3 5335787 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 1.40 54.2 Sn 15:06:20.666 0.4 T__ --- 5335788 FDSN GE -- BUD iLoc BHN ??? _
(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
2020/03/15 15:06:05.35 1.14 0.64 45.5585 17.6548 8.4 4.7 107 6.2 11.7 18 10 156 0.38 1.56 ke BUD 16000308 BUD 234

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Magnitude Err Nsta Author OrigID
ML 2.3 0.2 8 BUD 16000308

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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 0.38 17.5 Pg 15:06:12.877 -0.2 T__ 450.3 --- ML 2.0 5337322 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.38 17.5 Lg 15:06:19.079 0.9 T__ --- 5337323 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
A264A 0.65 337.1 Pg 15:06:18.716 0.2 T__ 476.6 --- ML 2.5 5337324 FDSN Z3 00 BUD iLoc HHN HHZ _
A264A 0.65 337.1 Lg 15:06:26.773 -0.4 T__ --- 5337325 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A265A 0.87 6.4 Lg 15:06:35.110 1.2 T__ --- 5337332 FDSN Z3 00 BUD iLoc HHZ ??? _
BLY 0.88 202.5 Pg 15:06:22.468 0.2 T__ 114.8 --- ML 2.0 5337330 FDSN MN -- BUD iLoc HHE HHZ _
BLY 0.88 202.5 Lg 15:06:33.587 0.1 T__ --- 5337331 FDSN MN -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MORH 0.95 46.1 Pn 15:06:22.925 -0.9 T__ 109.9 --- ML 2.1 5337326 FDSN HU -- BUD iLoc HHN HHZ _
MORH 0.95 46.1 Lg 15:06:36.620 -0.2 T__ --- 5337327 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A266A 1.06 23.5 Pg 15:06:26.051 0.0 T__ 213.7 --- ML 2.4 5337328 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 1.06 23.5 Sn 15:06:40.995 0.4 T__ --- 5337329 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A263A 1.11 347.8 Pn 15:06:25.300 -0.9 T__ 167.5 --- ML 2.3 5337333 FDSN Z3 00 BUD iLoc HHZ HHZ _
A263A 1.11 347.8 Lg 15:06:41.416 0.2 T__ --- 5337334 FDSN Z3 00 BUD iLoc HHN ??? _

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(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
PTJ 1.23 287.0 Pg 15:06:29.270 0.3 T__ 144.3 ___ ML 2.3 5337321 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 1.23 287.0 Sn 15:06:44.654 -1.0 T__ ___ 5337317 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
KOGS 1.32 312.8 Lg 15:06:47.614 -0.2 T__ ___ 5337318 FDSN SL -- BUD iLoc BHE ??? _
CRES 1.56 280.6 Pg 15:06:34.219 -0.1 T__ 281.2 ___ ML 2.8 5337320 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 1.56 280.6 Lg 15:06:54.989 -0.7 T__ ___ 5337319 FDSN SL -- BUD iLoc BHE ??? _
(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
2020/03/16 09:37:34.36 0.86 1.53 47.8835 19.4364 8.5 2.6 161 0.0f 19 13 114 0.11 1.76 sx BUD 16000310 BUD 131

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 7 BUD 16000310

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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 0.11 79.5 Pg 09:37:37.952 0.8 T__ 3462.1 ___ ML 2.2 5337408 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.11 79.5 Lg 09:37:39.298 -0.1 T__ ___ 5337409 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU10A 0.28 262.4 Pg 09:37:40.546 -0.0 T__ 1074.0 ___ ML 2.1 5337410 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.28 262.4 Lg 09:37:45.911 0.3 T__ ___ 5337411 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
PSZ 0.31 83.4 Pg 09:37:41.475 0.0 T__ 224.3 ___ ML 1.5 5337401 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.31 83.4 Lg 09:37:46.870 0.0 T__ ___ 5337400 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
BUD 0.49 215.0 Pg 09:37:44.732 0.0 T__ 166.3 ___ ML 1.9 5337402 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU09A 0.75 251.4 Lg 09:38:00.779 -1.2 T__ ___ 5337412 FDSN ZJ 00 BUD iLoc HHZ ??? _
HU02A 0.77 71.5 Pg 09:37:50.028 -0.3 T__ 97.9 ___ ML 1.9 5337413 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.77 71.5 Lg 09:38:01.423 -1.0 T__ ___ 5337414 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.92 49.1 Lg 09:38:05.546 -1.1 T__ ___ 5337404 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.96 49.9 Pg 09:37:54.406 1.0 T__ 81.5 ___ ML 1.9 5337415 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.96 49.9 Lg 09:38:06.601 -1.3 T__ ___ 5337416 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU08A 1.12 246.7 Pn 09:37:57.864 1.7 T__ 145.2 ___ ML 2.3 5337417 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 1.12 246.7 Sn 09:38:12.955 -0.5 T__ ___ 5337418 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
ABAH 1.28 70.5 Sn 09:38:19.797 2.7 T__ ___ 5337407 FDSN HU -- BUD iLoc HHE ??? _
JAVC 1.53 310.3 Sn 09:38:28.193 3.4 T__ ___ 5337403 FDSN CZ -- BUD iLoc BHN ??? _
NIE 1.64 20.1 Sn 09:38:29.877 2.9 T__ ___ 5337406 FDSN PL -- BUD iLoc BHE ??? _
MORH 1.76 198.3 Sn 09:38:29.165 0.7 T__ ___ 5337405 FDSN HU -- 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
2020/03/16	10:17:51.38	1.29	0.75	48.5194	20.6874	9.2	3.6	8	0.0f		11	6	136	0.10	0.94	sx	BUD	16000312	BUD		224	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	6 BUD	16000312

Sta	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	256.6	Pg	10:17:53.254	-0.4					T__		359.1		___	ML	1.1	5337482	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.10	256.6	Lg	10:17:56.364	0.8					T__				---		5337483	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
KECS	0.14	255.0	Pg	10:17:53.787	-0.6					T__		1593.5		___	ML	1.9	5337475	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.14	255.0	Lg	10:17:57.718	0.9					T__				---		5337476	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
HU02A	0.41	195.3	Pg	10:17:59.699	-0.5					T__		56.1		___	ML	1.2	5337484	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.41	195.3	Lg	10:18:06.550	-0.4					T__				---		5337485	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.43	121.1	Pg	10:18:00.332	0.1					T__		86.8		___	ML	1.4	5337477	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.43	121.1	Lg	10:18:07.339	-0.3					T__				---		5337479	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.80	221.7	Pg	10:18:08.681	0.3					T__		61.8		___	ML	1.7	5337481	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.80	221.7	Lg	10:18:21.559	1.1					T__				---		5337478	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	0.94	344.3	Pn	10:18:10.102	-0.8					T__		30.2		___	ML	1.5	5337480	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(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
2020/03/16	10:57:47.59	1.48	0.92	47.3561	18.4291	8.4	5.4	84	0.0f		8	6	112	0.11	1.15	sx	BUD	16000314	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	
CSKK	0.11	273.5	Pg	10:57:50.268	-0.3					T__		1993.1		___	ML	1.9	5337531	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	273.5	Lg	10:57:51.994	-1.3					T__				---		5337532	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HU09A	0.28	353.6	Lg	10:57:58.763	-0.3					T__				---		5337533	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.35	282.5	Pg	10:57:55.440	0.4					T__		97.0		___	ML	1.3	5337534	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.35	282.5	Lg	10:58:02.728	1.5					T__				---		5337535	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.63	253.3	Lg	10:58:10.272	0.0					T__				---		5337528	FDSN	HU	--	BUD	iLoc	BHE	???	_	
PSZ	1.14	59.9	Sn	10:58:27.829	0.1					T__				---		5337529	FDSN	GE	--	BUD	iLoc	BHE	???	_	
MORH	1.15	172.6	Lg	10:58:27.218	0.1					T__				---		5337530	FDSN	HU	--	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
2020/03/16	11:15:58.81	0.91	1.19	47.3321	18.4170	4.9	3.3	147	0.0f		16	10	102	0.11	1.63	sx	BUD	16000316	BUD		185	

Magnitude Err Nsta Author OrigID
ML 2.0 0.0 6 BUD 16000316

Sta	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	286.3	Pg	11:16:01.445	-0.2					T__		5244.4		---	ML	2.3	5337628	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																									
CSKK	0.11	286.3	Lg	11:16:03.460	-1.0					T__				---		5337620	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML: 2.3 magdef=0)																									
HU09A	0.31	355.6	Pg	11:16:06.244	0.8					T__		691.3		---	ML	2.0	5337629	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.31	355.6	Lg	11:16:10.714	-0.4					T__				---		5337630	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU08A	0.35	286.7	Lg	11:16:13.285	0.8					T__				---		5337631	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BUD	0.44	69.6	Lg	11:16:14.656	-1.1					T__				---		5337621	FDSN	HU	--	BUD	iLoc	BHN	???	_	
MPLH	0.62	255.2	Pg	11:16:12.010	0.5					T__		91.2		---	ML	1.8	5337623	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.62	255.2	Lg	11:16:19.949	-1.1					T__				---		5337622	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU10A	0.66	38.2	Pg	11:16:12.527	0.0					T__		142.3		---	ML	2.0	5337632	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.66	38.2	Lg	11:16:22.264	-0.9					T__				---		5337633	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MORH	1.13	172.0	Pn	11:16:22.289	1.8					T__		17.6		---	ML	1.4	5337626	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.13	172.0	Lg	11:16:37.964	0.4					T__				---		5337627	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
PSZ	1.16	59.0	Pn	11:16:22.086	0.7					T__		69.8		---	ML	2.0	5337624	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.16	59.0	Sn	11:16:39.185	-0.2					T__				---		5337625	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MODS	1.29	324.0	Sn	11:16:40.492	-2.2					T__				---		5337634	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	1.63	60.2	Sn	11:16:52.342	1.9					T__				---		5337635	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
2020/03/16	23:44:57.50	1.68	1.03	48.4591	21.1828	13.1	5.0	30	6.3	22.6	7	4	194	0.17	0.96	ke	BUD	16000320	BUD			251

Magnitude Err Nsta Author OrigID
ML 1.4 0.2 3 BUD 16000320

Sta	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	166.9	Pg	23:45:01.448	0.3					T__		135.0		---	ML	0.9	5337708	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.17	166.9	Lg	23:45:04.000	-0.3					T__				---		5337709	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
JOS	0.43	275.1	Pg	23:45:06.349	0.2					T__		78.8		---	ML	1.4	5337711	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	275.1	Lg	23:45:12.277	-0.4					T__				---		5337714	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.55	232.7	Pg	23:45:09.737	0.7					T__		51.2		---	ML	1.5	5337712	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.55	232.7	Lg	23:45:16.551	-1.2					T__				---		5337713	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									

(Station ML: 1.5 magdef=1
 TRPA 0.96 109.5 Lg 23:45:29.566 -0.9 T__ --- 5337710 FDSN HU -- 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
2020/03/17	09:18:17.77	1.26	0.81	47.9950	20.3515	11.6	3.7	145	0.0f	9	5	193	0.17	0.67	sx	BUD	16000322	BUD				307

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	16000322

Sta	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	42.4	Pg	09:18:21.931	0.0					T__		262.2		---	ML	1.2	5338612	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.17	42.4	Lg	09:18:25.093	-0.2					T__				---		5338613	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																									
PSZ	0.32	256.2	Pg	09:18:25.412	0.4					T__		100.4		---	ML	1.2	5338607	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.32	256.2	Lg	09:18:29.432	-1.0					T__				---		5338608	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																									
KECS	0.50	10.3	Pg	09:18:28.440	0.6					T__		79.3		---	ML	1.6	5338609	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.50	10.3	Lg	09:18:34.292	-1.3					T__				---		5338610	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
JOS	0.52	14.0	Pg	09:18:29.034	0.8					T__		53.8		---	ML	1.5	5338614	FDSN	ZJ	--	BUD	iLoc	HHE	HHZ	_
JOS	0.52	14.0	Lg	09:18:36.080	-0.1					T__				---		5338615	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
ABAH	0.67	62.8	Lg	09:18:42.358	-0.1					T__				---		5338611	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	
2020/03/17	10:06:17.30	0.99	1.55	48.4602	20.7155	4.9	3.7	44	0.0f	12	7	130	0.12	1.08	sx	BUD	16000324	BUD					216

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	7 BUD	16000324

Sta	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	287.0	Pg	10:06:19.692	-0.3					T__		315.9		---	ML	1.1	5338693	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	287.0	Lg	10:06:23.240	1.1					T__				---		5338694	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0)																									
KECS	0.15	278.7	Pg	10:06:20.232	-0.4					T__		899.7		---	ML	1.7	5338685	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.15	278.7	Lg	10:06:24.586	1.3					T__				---		5338686	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																									
HU02A	0.36	200.7	Pg	10:06:23.049	-2.1					T__		70.0		---	ML	1.1	5338695	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	200.7	Lg	10:06:32.694	1.5					T__				---		5338696	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1)																									
ABAH	0.39	115.0	Pg	10:06:25.129	-0.2					T__		156.9		---	ML	1.6	5338687	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									

PSZ	0.77	225.7	Pg	10:06:34.000	0.3	T__	91.3	---	ML	1.9	5338688	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.77	225.7	Lg	10:06:47.796	2.4	T__		---			5338689	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
NIE	1.00	344.2	Pg	10:06:36.051	-0.1	T__	47.8	---	ML	1.7	5338691	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.00	344.2	Lg	10:06:50.123	-0.2	T__		---			5338692	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
LANS	1.08	310.4	Pg	10:06:36.051	-2.5	T__	48.1	---	ML	1.8	5338690	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(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
2020/03/17	10:22:10.87	1.33	0.57	47.2336	18.2742	10.4	6.6	99	0.0f		5	4	108	0.13	1.29	sx	BUD	16000326	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	
CSKK	0.13	355.9	Pg	10:22:14.379	0.3					T__		210.8		---	ML	1.0	5338740	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	355.9	Lg	10:22:16.580	-0.6					T__				---		5338736	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.50	263.1	Lg	10:22:29.150	-0.2					T__				---		5338737	FDSN	HU	--	BUD	iLoc	BHN	???	_	
MORH	1.05	165.9	Lg	10:22:46.707	-0.4					T__				---		5338738	FDSN	HU	--	BUD	iLoc	BHE	???	_	
PSZ	1.29	57.4	Sn	10:22:54.900	0.2					T__				---		5338739	FDSN	GE	--	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
2020/03/18	08:47:44.22	1.57	0.76	48.0439	20.6791	9.7	5.2	137	0.0f		9	5	201	0.13	0.54	sx	BUD	16000328	BUD		268	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	16000328

Sta	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	307.2	Pg	08:47:47.450	-0.0					T__		920.7		---	ML	1.6	5340946	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	307.2	Lg	08:47:50.091	-0.2					T__				---		5340947	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.45	55.9	Lg	08:48:00.452	-1.0					T__				---		5340941	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.46	343.7	Pg	08:47:54.525	1.0					T__		160.3		---	ML	1.8	5340945	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.46	343.7	Lg	08:47:59.994	-0.7					T__				---		5340942	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.46	348.4	Pg	08:47:54.191	0.6					T__		119.0		---	ML	1.7	5340948	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.4	Lg	08:47:59.980	-0.8					T__				---		5340949	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.54	256.9	Pg	08:47:56.228	0.2					T__		83.2		---	ML	1.7	5340944	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.54	256.9	Lg	08:48:04.575	-0.0					T__				---		5340943	FDSN	GE	--	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
2020/03/18	10:43:58.58	2.06	1.20	46.1495	21.5753	18.7	7.2	111	2.0	27.2	8	4	233	0.53	1.69	sx	BUD	16000334	BUD			296

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.1	4 BUD	16000334

Sta	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	0.53	176.9	Pg	10:44:09.162	0.1					T__		80.3		___	ML	1.7	5341062	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.53	176.9	Lg	10:44:16.083	-0.6					T__				---		5341061	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	1.01	50.3	Pg	10:44:18.727	0.1					T__		160.1		___	ML	2.3	5341060	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.01	50.3	Lg	10:44:31.857	-1.2					T__				---		5341059	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
GZR	1.13	131.5	Pg	10:44:20.715	0.6					T__		143.3		___	ML	2.3	5341063	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.13	131.5	Lg	10:44:35.218	-0.6					T__				---		5341064	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
LOT	1.69	113.8	Pn	10:44:30.536	1.8					T__		81.4		___	ML	2.3	5341066	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
LOT	1.69	113.8	Sn	10:44:51.351	-0.0					T__				---		5341065	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(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
2020/03/18	10:46:17.19	0.92	0.79	48.5976	20.7336	5.4	4.1	174	5.7	12.5	16	11	68	0.16	1.32	sx	BUD	16000336	BUD			105

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	8 BUD	16000336

Sta	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	231.8	Pg	10:46:20.689	-0.0					T__		481.2		___	ML	1.4	5341145	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	231.8	Lg	10:46:23.743	0.2					T__				---		5341146	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
KECS	0.20	235.3	Pg	10:46:21.236	-0.2					T__		974.7		___	ML	1.8	5341134	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	235.3	Lg	10:46:25.376	0.6					T__				---		5341135	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.45	131.7	Pg	10:46:27.218	1.0					T__		180.4		___	ML	1.8	5341136	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	131.7	Lg	10:46:32.914	-0.8					T__				---		5341137	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.50	196.4	Lg	10:46:34.579	-0.9					T__				---		5341147	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
NIE	0.87	341.0	Pn	10:46:35.549	0.4					T__		66.3		___	ML	1.8	5341141	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.88	219.8	Pn	10:46:34.495	-0.7					T__		93.9		___	ML	2.0	5341138	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	219.8	Lg	10:46:48.349	0.0					T__				---		5341139	FDSN	GE	--	BUD	iLoc	BHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
STHS	0.89	22.1	Pg	10:46:33.884	0.2					T__		83.0		___	ML	1.9	5341140	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
LANS 1.00 304.0 Pg 10:46:37.081 0.1 T__ 44.4 ___ ML 1.7 5341144 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HOLU 1.10 93.1 Pg 10:46:36.578 -1.4 T__ 5341148 FDSN UA -- BUD iLoc MHZ ??? _
TRPA 1.29 110.5 Pn 10:46:41.007 0.3 T__ 36.3 ___ ML 1.8 5341142 FDSN HU -- BUD iLoc BHZ BHZ _
TRPA 1.29 110.5 Sn 10:46:58.692 -0.7 T__ 5341143 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
STZU 1.32 70.7 Pn 10:46:42.528 1.1 T__ 5341149 FDSN UA -- BUD iLoc MHZ ??? _

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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
2020/03/18 10:53:29.49 0.83 1.06 48.3911 19.1063 4.9 2.9 31 0.0f 19 11 83 0.52 1.29 sx BUD 16000338 BUD 128

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Magnitude Err Nsta Author OrigID
ML 2.0 0.1 8 BUD 16000338

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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
A335A 0.52 276.5 Lg 10:53:48.251 0.0 T__ 5341228 FDSN Z3 00 BUD iLoc HHN ??? _
HU10A 0.55 186.2 Pg 10:53:39.780 -1.1 T__ 228.3 ___ ML 2.2 5341229 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU03A 0.59 145.7 Pg 10:53:43.678 1.8 T__ 195.1 ___ ML 2.1 5341232 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.59 145.7 Lg 10:53:51.708 0.9 T__ 5341233 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A332A 0.59 314.4 Pg 10:53:41.997 0.5 T__ 79.4 ___ ML 1.7 5341230 FDSN Z3 00 BUD iLoc HHZ HHZ _
A332A 0.59 314.4 Lg 10:53:50.155 0.2 T__ 5341231 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
PSZ 0.71 131.6 Pg 10:53:45.316 0.7 T__ 104.7 ___ ML 1.9 5341234 FDSN GE -- BUD iLoc BHZ BHZ _
(Reading ML: 1.9 magdef=1
PSZ 0.71 131.6 Lg 10:53:54.601 -0.9 T__ 5341220 FDSN GE -- BUD iLoc BHN ??? _
(Station ML: 1.9 magdef=1
KECS 0.92 83.8 Pg 10:53:47.477 -0.4 T__ 92.5 ___ ML 2.0 5341222 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.92 83.8 Lg 10:54:00.708 -0.9 T__ 5341221 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JOS 0.96 83.2 Pg 10:53:48.656 0.2 T__ 85.6 ___ ML 2.0 5341235 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.96 83.2 Lg 10:54:02.259 -0.6 T__ 5341236 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 0.99 105.3 Pn 10:53:49.947 0.3 T__ 76.7 ___ ML 1.9 5341237 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.99 105.3 Lg 10:54:03.486 -1.2 T__ 5341238 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JAVC 1.06 296.7 Pg 10:53:51.548 0.5 T__ 131.9 ___ ML 2.2 5341223 FDSN CZ -- BUD iLoc BHZ BHZ _
JAVC 1.06 296.7 Lg 10:54:06.306 -0.9 T__ 5341224 FDSN CZ -- BUD iLoc BHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MODS 1.22 269.9 Pn 10:53:52.769 -0.4 T__ 5341226 FDSN SK -- BUD iLoc HHZ ??? _

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MODS	1.22	269.9	Sn	10:54:09.156	-2.6	T__									5341225	FDSN	SK	--	BUD	iLoc	HHN	???	_
NIE	1.29	37.0	Lg	10:54:12.006	-0.6	T__									5341227	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
2020/03/19	12:58:52.91	2.17	1.48	47.8279	20.1519	17.7	4.7	169	0.0f		8	5	240	0.20	0.87	sx	BUD	16000346	BUD			321

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	16000346

Sta	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	297.7	Pg	12:58:57.748	0.1					T__		767.1		---	ML	1.7	5344853	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.20	297.7	Lg	12:59:00.903	-0.6					T__				---		5344854	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.39	40.3	Pg	12:59:00.438	-0.9					T__		197.4		---	ML	1.7	5344856	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.39	40.3	Lg	12:59:05.994	-1.9					T__				---		5344857	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.69	18.7	Lg	12:59:18.613	1.2					T__				---		5344855	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.72	21.1	Lg	12:59:19.524	1.3					T__				---		5344858	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
ABAH	0.87	56.9	Pg	12:59:11.884	1.7					T__		98.8		---	ML	2.0	5344860	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.87	56.9	Lg	12:59:23.821	-0.4					T__				---		5344859	FDSN	HU	--	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
2020/03/20	08:30:16.19	1.53	1.65	47.7904	19.9160	10.3	4.2	164	0.0f		10	6	224	0.13	0.82	sx	BUD	16000348	BUD			247

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	16000348

Sta	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	353.5	Pg	08:30:19.691	0.1					T__		1523.5		---	ML	1.8	5352854	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.8 magdef=1)																									
PSZ	0.13	353.5	Lg	08:30:22.050	-0.5					T__				---		5352853	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML: 1.8 magdef=1)																									
HU03A	0.24	298.2	Pg	08:30:21.757	0.1					T__		350.6		---	ML	1.5	5352859	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.24	298.2	Lg	08:30:25.847	0.1					T__				---		5352857	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.53	50.7	Pg	08:30:26.986	-0.4					T__		35.7		---	ML	1.3	5352855	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.53	50.7	Lg	08:30:36.772	0.8					T__				---		5352856	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU10A	0.61	275.5	Lg	08:30:37.902	-0.9					T__				---		5352860	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.79	28.6	Lg	08:30:43.416	-0.6					T__				---		5352861	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.82	30.4	Pn	08:30:37.253	3.5					T__		65.4		---	ML	1.8	5352862	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.82	30.4	Sn	08:30:45.612	-2.2					T__				---		5352858	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
2020/03/20	10:36:04.68	1.91	1.13	46.1335	21.6193	17.7	6.5	113	0.0f		6	3	228	0.52	1.10	sx	BUD	16000350	BUD		311	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	16000350

Sta	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	0.52	180.2	Pg	10:36:15.417	0.5					T__		26.5		___	ML	1.2	5352906	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.52	180.2	Lg	10:36:21.193	-1.2					T__				---		5352905	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
DRGR	1.00	48.5	Pg	10:36:24.869	0.2					T__		37.8		___	ML	1.6	5352902	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.00	48.5	Lg	10:36:38.054	-1.4					T__				---		5352907	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
GZR	1.10	132.0	Pg	10:36:25.836	0.3					T__		29.7		___	ML	1.6	5352904	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.10	132.0	Lg	10:36:41.121	0.2					T__				---		5352903	FDSN	RO	--	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
2020/03/20	11:00:25.37	1.12	0.41	45.9869	22.8417	8.3	5.0	70	0.0f		7	4	163	0.11	0.93	sx	BUD	16000352	BUD		270	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	4 BUD	16000352

Sta	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	157.5	Pg	11:00:27.194	-0.3					T__		1152.6		___	ML	1.7	5352954	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	0.11	157.5	Lg	11:00:29.757	0.7					T__				---		5352953	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
GZR	0.60	184.4	Pg	11:00:36.819	-0.0					T__		44.0		___	ML	1.5	5352955	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.60	184.4	Lg	11:00:45.399	0.1					T__				---		5352952	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
DRGR	0.81	353.6	Pg	11:00:41.608	-0.0					T__		56.4		___	ML	1.7	5352956	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BZS	0.93	247.1	Pg	11:00:43.658	0.1					T__		42.8		___	ML	1.7	5352951	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.93	247.1	Lg	11:00:56.428	-0.3					T__				---		5352950	FDSN	RO	--	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
2020/03/20	11:14:38.63	1.12	1.15	46.0771	22.8904	10.7	4.3	83	0.0f		8	4	187	0.19	1.00	sx	BUD	16000354	BUD		294	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	4 BUD	16000354

Sta	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	177.3	Pg	11:14:42.328	0.0					T__		447.5		---	ML	1.5	5353003	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	0.19	177.3	Lg	11:14:45.521	0.5					T__				---		5353008	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
GZR	0.69	186.7	Pg	11:14:51.615	-0.2					T__		49.3		---	ML	1.6	5353006	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.69	186.7	Lg	11:15:01.676	0.1					T__				---		5353007	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
DRGR	0.73	350.2	Pg	11:14:53.743	0.5					T__		45.4		---	ML	1.6	5353004	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.73	350.2	Lg	11:15:03.030	-2.0					T__				---		5353005	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
BZS	1.00	243.1	Pg	11:14:58.919	0.8					T__		35.3		---	ML	1.6	5353009	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	1.00	243.1	Lg	11:15:10.963	-1.3					T__				---		5353010	FDSN	RO	--	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
2020/03/20	11:19:38.53	1.01	0.91	48.8417	21.3713	5.5	4.7	128	0.0f		12	8	112	0.55	1.35	sx	BUD	16000356	BUD			198

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	16000356

Sta	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	189.1	Pg	11:19:50.755	1.1					T__		76.2		---	ML	1.7	5353060	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
STHS	0.58	351.8	Pg	11:19:49.791	0.4					T__		159.1		---	ML	2.0	5353063	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
JOS	0.65	238.2	Pg	11:19:51.568	0.1					T__		49.6		---	ML	1.6	5353065	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	238.2	Lg	11:20:00.919	-0.3					T__				---		5353066	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
KECS	0.69	238.9	Pg	11:19:52.125	-0.1					T__		126.1		---	ML	2.0	5353061	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.69	238.9	Lg	11:20:02.031	-0.5					T__				---		5353062	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HOLU	0.74	114.8	Pg	11:19:52.800	-0.0					T__				---		5353067	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
HOLU	0.74	114.8	Lg	11:20:03.092	-2.1					T__				---		5353068	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
STZU	0.84	77.6	Pn	11:19:56.678	-0.2					T__				---		5353069	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
HU02A	0.91	218.3	Pg	11:19:56.891	-0.4					T__		81.3		---	ML	1.9	5353070	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.91	218.3	Lg	11:20:10.573	-0.6					T__				---		5353071	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	1.35	227.4	Pn	11:20:04.624	0.8					T__		37.7		---	ML	1.8	5353064	FDSN	GE	--	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
2020/03/20	11:20:59.54	1.07	0.50	46.0623	22.8507	9.4	4.4	80	0.0f	8	4	175	0.18	0.97	sx	BUD	16000358	BUD			285	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	16000358

Sta	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	168.4	Pg	11:21:03.089	0.1					T__		867.4		___	ML	1.7	5353122	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	0.18	168.4	Lg	11:21:05.605	0.0					T__				---		5353123	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
GZR	0.67	184.5	Pg	11:21:12.521	0.1					T__		56.3		___	ML	1.6	5353125	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.67	184.5	Lg	11:21:21.712	-0.2					T__				---		5353124	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
DRGR	0.74	352.5	Pg	11:21:14.601	0.2					T__		54.5		___	ML	1.6	5353126	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.74	352.5	Lg	11:21:25.436	-0.8					T__				---		5353127	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
BZS	0.97	243.1	Pg	11:21:18.810	0.3					T__		29.5		___	ML	1.5	5353129	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.97	243.1	Lg	11:21:31.579	-0.6					T__				---		5353128	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(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	
2020/03/20	17:23:22.07	3.96	0.32	45.9318	16.0052	23.7	13.0	90	0.4	21.7	6	3	292	0.04	0.40	ke	BUD	16000364	BUD			331	

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	3 BUD	16000364

Sta	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	0.04	226.3	Pg	17:23:23.442	0.1					T__		485.7		___	ML	1.1	5353272	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	226.3	Lg	17:23:24.257	-0.3					T__				---		5353273	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ZAG	0.11	186.9	Pg	17:23:24.307	-0.1					T__		281.1		___	ML	1.0	5353275	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.11	186.9	Lg	17:23:26.419	0.3					T__				---		5353274	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
CRES	0.40	254.7	Pg	17:23:29.829	0.0					T__		117.0		___	ML	1.5	5353276	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	254.7	Lg	17:23:35.681	-0.0					T__				---		5353277	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(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	
2020/03/22	05:29:35.39	1.08	0.69	45.8659	16.0146	9.6	4.7	157	3.7	8.6	41	32	121	0.05	4.77	ke	BUD	16000368	BUD			171	

Magnitude	Err	Nsta	Author	OrigID
ML	4.2	0.3	31 BUD	16000368

Sta	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	0.05	321.6	Pg	05:29:36.845	-0.2					T__		407408.2		_c_	ML	4.1	5369232	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.05	321.6	Lg	05:29:37.861	-0.7					T__				---		5369233	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 4.1 magdef=1																					
				(Station ML: 4.1 magdef=1																					
CRES	0.39	264.4	Pg	05:29:43.665	0.6					T__		15293.9		---	ML	3.6	5369235	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	264.4	Lg	05:29:49.155	0.3					T__				---		5369234	FDSN	SL	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 3.6 magdef=1																					
				(Station ML: 3.6 magdef=0																					
KOGS	0.60	15.6	Pg	05:29:47.269	-0.1					T__		47632.8		---	ML	4.5	5369236	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.60	15.6	Lg	05:29:55.637	0.4					T__				---		5369237	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 4.5 magdef=1																					
				(Station ML: 4.5 magdef=1																					
BEHE	0.80	40.9	Pg	05:29:51.598	0.2					T__		5267.2		---	ML	3.7	5369239	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.80	40.9	Lg	05:30:03.255	1.3					T__				---		5369238	FDSN	HU	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 3.7 magdef=1																					
				(Station ML: 3.7 magdef=0																					
A264A	0.94	71.2	Pg	05:29:54.107	0.2					T__		22891.0		---	ML	4.4	5369245	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.94	71.2	Lg	05:30:07.105	1.0					T__				---		5369246	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 4.4 magdef=1																					
				(Station ML: 4.4 magdef=1																					
A262A	1.06	19.4	Pg	05:29:56.028	0.2					T__		14774.6		---	ML	4.3	5369247	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 4.3 magdef=1																					
				(Station ML: 4.3 magdef=1																					
A263A	1.19	48.9	Pn	05:29:57.385	-0.6					T__		8519.0		---	ML	4.1	5369248	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 4.1 magdef=1																					
				(Station ML: 4.1 magdef=1																					
OBKA	1.20	302.8	Pg	05:29:58.309	0.3					T__		3979.2		---	ML	3.8	5369249	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 3.8 magdef=1																					
OBKA	1.20	302.8	Lg	05:30:14.573	0.2					T__				---		5369243	FDSN	OE	--	BUD	iLoc	BHN	???	_	
				(Station ML: 3.8 magdef=0																					
A010A	1.21	2.1	Pn	05:29:58.422	-0.1					T__		6316.5		---	ML	4.0	5369250	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A010A	1.21	2.1	Sn	05:30:14.581	-0.3					T__				---		5369251	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 4.0 magdef=1																					
				(Station ML: 4.0 magdef=1																					
A273A	1.26	87.1	Pn	05:29:57.916	-1.0					T__		33572.9		---	ML	4.7	5369252	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 4.7 magdef=1																					
				(Station ML: 4.7 magdef=0																					
A261A	1.34	35.4	Pn	05:29:59.566	-0.5					T__		7169.6		---	ML	4.1	5369253	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 4.1 magdef=1																					
				(Station ML: 4.1 magdef=1																					
A265A	1.36	65.1	Pn	05:29:59.442	-0.8					T__		20161.4		---	ML	4.6	5369254	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 4.6 magdef=1																					
				(Station ML: 4.6 magdef=1																					
BLY	1.39	143.1	Pn	05:30:00.341	-0.9					T__		1425.4		---	ML	3.4	5369244	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.39	143.1	Sn	05:30:19.592	-0.4					T__				---		5369240	FDSN	MN	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 3.4 magdef=1																					
				(Station ML: 3.4 magdef=0																					
ARSA	1.43	346.4	Pn	05:30:01.065	-0.6					T__		2233.6		---	ML	3.6	5369255	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 3.6 magdef=1																					
ARSA	1.43	346.4	Sn	05:30:20.559	0.1					T__				---		5369241	FDSN	OE	--	BUD	iLoc	BHE	???	_	
				(Station ML: 3.6 magdef=0																					
A260A	1.50	18.3	Pn	05:30:02.952	0.6					T__		12358.1		---	ML	4.4	5369256	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 4.4 magdef=1 (Station ML: 4.4 magdef=1 TIH 1.66 50.8 Pn 05:30:04.984 0.6	T__	5594.2	___ ML	4.2 5369242	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 MPLH 1.68 38.4 Pn 05:30:04.237 -0.5	T__	2514.4	___ ML	3.8 5369257	FDSN HU	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=1 A266A 1.70 66.3 Pn 05:30:03.894 -1.0	T__	20855.7	___ ML	4.8 5369258	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.8 magdef=1 (Station ML: 4.8 magdef=0 SOP 1.86 11.4 Pn 05:30:06.884 -0.5	T__	2266.7	___ ML	3.9 5369259	FDSN HU	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=1 MORH 1.86 78.3 Pn 05:30:05.901 -1.2	T__	1805.1	___ ML	3.8 5369260	FDSN HU	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=0 CONA 2.07 357.1 Pn 05:30:10.724 0.1	T__	2377.3	___ ML	4.0 5369261	FDSN OE	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=1 HU22A 2.22 76.9 Pn 05:30:11.131 -0.8	T__	6959.3	___ ML	4.6 5369262	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.6 magdef=1 (Station ML: 4.6 magdef=1 A272A 2.23 65.7 Pn 05:30:10.778 -1.4	T__	5366.4	___ ML	4.5 5369263	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.5 magdef=1 (Station ML: 4.5 magdef=1 AO13A 2.24 349.5 Pn 05:30:13.188 0.3	T__	2620.0	___ ML	4.2 5369264	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 ZST 2.45 17.3 Pn 05:30:15.160 -0.4	T__	408985.4	___ ML	6.5 5369265	FDSN SK	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 6.5 magdef=1 (Station ML: 6.5 magdef=0 AO08A 2.52 354.5 Pn 05:30:17.115 0.5	T__	1846.5	___ ML	4.2 5369266	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 MODS 2.65 18.5 Pn 05:30:17.439 -1.0	T__		---	5369267	FDSN SK	-- BUD	iLoc	HHZ ???	_
(Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 AO07A 2.87 353.6 Pn 05:30:21.830 0.1	T__	1678.7	___ ML	4.3 5369268	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.4 magdef=1 (Station ML: 4.4 magdef=1 AO06A 2.88 0.1 Pn 05:30:21.964 0.3	T__	1993.4	___ ML	4.4 5369269	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.4 magdef=1 (Station ML: 4.4 magdef=1 AO01A 2.89 7.6 Pn 05:30:22.168 0.3	T__	4858.9	___ ML	4.8 5369270	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.8 magdef=1 (Station ML: 4.8 magdef=0 BZS 3.93 91.6 Pn 05:30:35.076 -1.1	T__	1700.1	___ ML	4.8 5369271	FDSN RO	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.8 magdef=1 (Station ML: 4.8 magdef=0 GZR 4.77 93.3 Pn 05:30:47.341 -0.8	T__	880.5	___ ML	4.7 5369272	FDSN RO	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.7 magdef=1 (Station ML: 4.7 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			
2020/03/22	05:40:09.94	0.89	0.74	45.8582	16.0000	8.5	8.2	4	4.9	6.8	40	30	107	0.03	4.07	ke	BUD	16000370	BUD			160			
Magnitude	Err	Nsta	Author	OrigID																					
ML	3.1	0.3	29	BUD	16000370																				
Sta	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	0.03	196.2	Pg	05:40:12.012	0.8					T__		177038.1		_c_	ML	3.6	5369538	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.03	196.2	Lg	05:40:12.955	0.8					T__				---		5369539	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.6 magdef=1)																									
(Station ML: 3.6 magdef=0)																									
PTJ	0.05	335.4	Pg	05:40:11.375	-0.4					T__		135143.4		---	ML	3.6	5369552	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.6 magdef=1)																									
PTJ	0.05	335.4	Lg	05:40:12.375	-1.0					T__				---		5369537	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Station ML: 3.6 magdef=0)																									
BEHE	0.82	41.1	Pg	05:40:26.513	0.3					T__		2471.5		---	ML	3.3	5369553	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.3 magdef=1)																									
BEHE	0.82	41.1	Lg	05:40:37.227	0.3					T__				---		5369550	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML: 3.3 magdef=1)																									
A264A	0.95	71.0	Pn	05:40:29.083	-0.1					T__		791.1		---	ML	2.9	5369554	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									
OBKA	1.20	303.4	Pg	05:40:32.810	0.4					T__		400.1		---	ML	2.8	5369555	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.8 magdef=1)																									
OBKA	1.20	303.4	Lg	05:40:48.712	-0.0					T__				---		5369540	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Station ML: 2.8 magdef=0)																									
A263A	1.20	48.9	Pn	05:40:31.970	-0.6					T__		594.8		---	ML	2.9	5369556	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									
A010A	1.22	2.6	Pn	05:40:34.037	1.0					T__		935.4		---	ML	3.1	5369557	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=1)																									
A261A	1.35	35.6	Pn	05:40:34.014	-0.7					T__		453.0		---	ML	2.9	5369558	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									
A265A	1.37	65.0	Pn	05:40:33.860	-1.0					T__		556.2		---	ML	3.0	5369559	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=1)																									
BLY	1.39	142.6	Pn	05:40:35.120	-0.5					T__		202.5		---	ML	2.6	5369541	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
BLY	1.39	142.6	Lg	05:40:55.629	1.1					T__				---		5369542	FDSN	MN	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
ARSA	1.43	346.9	Pn	05:40:35.523	-0.7					T__		366.7		---	ML	2.9	5369560	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.9 magdef=1)																									
ARSA	1.43	346.9	Lg	05:40:55.436	-0.1					T__				---		5369543	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Station ML: 2.9 magdef=0)																									
MPLH	1.69	38.5	Pn	05:40:38.273	-1.1					T__		197.1		---	ML	2.7	5369561	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
A266A	1.71	66.2	Pn	05:40:38.238	-1.2					T__		602.6		---	ML	3.2	5369562	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=1)																									
EGYH	1.81	30.0	Pn	05:40:41.242	0.2					T__		382.1		---	ML	3.1	5369551	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1 SOP 1.87 11.7 Pn 05:40:41.747 -0.2	T__	259.6	___ ML	3.0 5369544	FDSN HU	-- BUD	iLoc	BHZ BHZ	_
SOP 1.87 11.7 Lg 05:41:08.701 -1.1	T__		---	5369545	FDSN HU	-- BUD	iLoc	BHE ???	_
(Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 SOP 1.87 11.7 Lg 05:41:10.464 0.7	T__		---	5369575	FDSN HU	-- BUD	iLoc	BHN ???	_
MORH 1.88 78.1 Pn 05:40:40.586 -1.1	T__	64.2	___ ML	2.4 5369546	FDSN HU	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 2.4 magdef=1 MORH 1.88 78.1 Lg 05:41:10.432 0.3	T__		---	5369576	FDSN HU	-- BUD	iLoc	BHZ ???	_
(Station ML: 2.4 magdef=0 HU08A 2.06 39.4 Pn 05:40:44.106 -0.2	T__	168.9	___ ML	2.9 5369563	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 CONA 2.07 357.4 Pn 05:40:45.302 0.1	T__	184.3	___ ML	2.9 5369564	FDSN OE	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 2.9 magdef=1 CONA 2.07 357.4 Sn 05:41:12.280 1.2	T__		---	5369547	FDSN OE	-- BUD	iLoc	BHE ???	_
(Station ML: 2.9 magdef=1 A005B 2.52 3.1 Pn 05:40:51.256 0.2	T__	326.5	___ ML	3.4 5369565	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=1 A008A 2.52 354.7 Pn 05:40:51.905 0.7	T__	97.0	___ ML	2.9 5369566	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 MODS 2.66 18.7 Pn 05:40:52.007 -1.0	T__		---	5369567	FDSN SK	-- BUD	iLoc	HHZ ???	_
HU10A 2.87 45.1 Pn 05:40:56.244 0.7	T__	155.5	___ ML	3.3 5369569	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1 A007A 2.88 353.8 Pn 05:40:56.106 -0.1	T__	112.1	___ ML	3.1 5369568	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1 A006A 2.88 0.3 Pn 05:40:56.052 -0.1	T__	172.3	___ ML	3.3 5369570	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1 A001A 2.90 7.8 Pn 05:40:56.779 0.4	T__	216.9	___ ML	3.4 5369571	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=1 CKRC 3.18 339.4 Pn 05:41:00.768 0.5	T__	300.2	___ ML	3.7 5369548	FDSN CZ	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=0 JAVC 3.21 20.1 Pn 05:41:00.491 -0.3	T__	234.3	___ ML	3.7 5369572	FDSN CZ	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=0 KRUC 3.22 4.6 Pn 05:40:59.994 -0.8	T__	128.2	___ ML	3.4 5369549	FDSN CZ	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=1 BZS 3.94 91.5 Pn 05:41:09.676 -1.0	T__	71.0	___ ML	3.4 5369573	FDSN RO	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=1 JOS 4.07 47.9 Pn 05:41:11.209 -0.9	T__	88.2	___ ML	3.6 5369574	FDSN ZJ	-- BUD	iLoc	HHZ HHZ	_
(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
2020/03/22	06:14:37.60	1.03	1.69	46.1462	22.3238	6.3	4.9	121	0.0f	11	7	159	0.48	2.47	sx	BUD	16000380	BUD			225	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	4 BUD	16000380

Sta	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	0.48	122.9	Pg	06:14:47.105	0.3					T__		118.6		___	ML	1.7	5373658	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	0.48	122.9	Lg	06:14:52.136	-1.4					T__				---		5373659	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	0.70	22.4	Pg	06:14:51.775	0.1					T__		82.2		___	ML	1.8	5373653	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.70	22.4	Lg	06:15:01.460	-1.6					T__				---		5373661	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	0.72	223.3	Pg	06:14:52.162	0.4					T__		53.7		___	ML	1.6	5373656	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.72	223.3	Lg	06:15:01.121	-1.0					T__				---		5373660	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
GZR	0.82	157.0	Lg	06:15:04.846	0.1					T__				---		5373662	FDSN	RO	--	BUD	iLoc	BHE	???	_	
CJR	1.05	56.8	Pg	06:14:58.837	0.6					T__		152.8		---	ML	2.3	5373655	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	1.05	56.8	Lg	06:15:13.444	-0.1					T__				---		5373654	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
BMR	1.73	27.3	Sn	06:15:34.835	3.0					T__				---		5373663	FDSN	RO	--	BUD	iLoc	BHE	???	_	
BURAR	2.47	52.4	Pn	06:15:21.957	2.8					T__				---		5373657	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	
2020/03/22	08:04:01.96	1.08	0.95	45.8388	16.0102	7.8	5.9	19	7.3	12.4	60	41	91	0.02	4.74	ke	BUD	16000382	BUD			125	

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	39 BUD	16000382

Sta	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	234.0	Pg	08:04:03.820	0.4					T__		112388.9		___	ML	3.4	5375076	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.4 magdef=1)																									
ZAG	0.02	234.0	Lg	08:04:04.745	0.2					T__				---		5375105	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Station ML: 3.4 magdef=1)																									
PTJ	0.07	336.6	Pg	08:04:03.183	-1.2					T__		255249.6		___	ML	3.9	5375077	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.9 magdef=1)																									
PTJ	0.07	336.6	Lg	08:04:04.305	-2.0					T__				---		5375106	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Station ML: 3.9 magdef=0)																									
CRES	0.39	268.3	Pg	08:04:09.515	-0.1					T__		16746.3		___	ML	3.6	5375078	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.6 magdef=1)																									
CRES	0.39	268.3	Lg	08:04:15.133	-0.3					T__				---		5375107	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Station ML: 3.6 magdef=0)																									
KOGS	0.63	15.2	Pg	08:04:13.120	-1.3					T__		15674.5		___	ML	4.0	5375079	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.63	15.2	Lg	08:04:21.576	-1.1					T__				---		5375080	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 4.0 magdef=1)																									
(Station ML: 4.0 magdef=0)																									

BEHE	0.83	39.8	Pg	08:04:17.147	-1.0	T__	970.9	___	ML	2.9	5375108	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.83	39.8	Lg	08:04:29.265	-0.0	T__		---			5375109	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
A263A	1.21	48.0	Pn	08:04:23.390	-1.0	T__	979.1	___	ML	3.2	5375114	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	1.21	48.0	Sn	08:04:39.545	-1.3	T__		---			5375115	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
OBKA	1.22	304.0	Pg	08:04:24.358	-0.2	T__	1509.9	___	ML	3.4	5375081	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.22	304.0	Lg	08:04:40.692	-0.6	T__		---			5375082	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
A010A	1.24	2.2	Pn	08:04:24.732	-0.3	T__	1536.7	___	ML	3.4	5375116	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
A273A	1.26	85.8	Pg	08:04:26.540	0.6	T__	1075.7	___	ML	3.2	5375118	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	1.26	85.8	Lg	08:04:44.018	1.4	T__		---			5375117	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
A261A	1.36	34.9	Pg	08:04:27.379	-0.4	T__	627.2	___	ML	3.1	5375119	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=1)																			
BLY	1.37	142.3	Pn	08:04:26.617	-0.5	T__	655.8	___	ML	3.1	5375083	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.37	142.3	Lg	08:04:46.286	0.6	T__		---			5375084	FDSN	MN	--	BUD	iLoc	BHN	???	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=1)																			
A265A	1.37	64.1	Pn	08:04:26.643	0.1	T__	744.7	___	ML	3.1	5375120	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=1)																			
ARSA	1.45	346.8	Pn	08:04:27.163	-1.1	T__	408.7	___	ML	2.9	5375085	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.45	346.8	Lg	08:04:47.903	-0.3	T__		---			5375086	FDSN	OE	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
TIH	1.68	50.2	Pg	08:04:32.098	-1.5	T__	1330.0	___	ML	3.6	5375110	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=0)																			
MPLH	1.70	37.9	Pn	08:04:31.337	0.1	T__	220.1	___	ML	2.8	5375087	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.70	37.9	Lg	08:04:55.981	-1.0	T__		---			5375088	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
A266A	1.71	65.5	Pn	08:04:31.597	0.4	T__	1095.8	___	ML	3.5	5375121	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
EGYH	1.82	29.5	Sn	08:04:55.385	-0.3	T__		---			5375089	FDSN	HU	--	BUD	iLoc	HHE	???	_
MORH	1.87	77.5	Pn	08:04:31.905	-1.5	T__	122.8	___	ML	2.6	5375091	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.87	77.5	Lg	08:05:00.637	-1.2	T__		---			5375092	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
SOP	1.88	11.3	Pn	08:04:33.753	-0.2	T__	207.1	___	ML	2.9	5375090	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
CONA	2.09	357.3	Pn	08:04:36.968	-0.2	T__	165.0	___	ML	2.9	5375093	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	2.09	357.3	Sn	08:05:02.599	-0.6	T__		---			5375094	FDSN	OE	--	BUD	iLoc	BHE	???	_

(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0 A013A 2.26 349.7 Pn 08:04:39.956 0.6 T__ 197.6 ___ ML 3.1 5375122 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 2.26 349.7 Pg 08:04:44.330 1.0 T__ ___ 5375123 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1 A005B 2.54 2.9 Pn 08:04:43.688 0.7 T__ 399.5 ___ ML 3.5 5375124 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 2.54 2.9 Pg 08:04:50.925 2.0 T__ ___ 5375125 FDSN Z3 00 BUD iLoc HHZ ??? _
A005B 2.54 2.9 Lg 08:05:23.484 0.8 T__ ___ 5375126 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=1 A008A 2.54 354.6 Pn 08:04:43.533 0.4 T__ 131.5 ___ ML 3.0 5375127 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 2.54 354.6 Pg 08:04:50.632 2.0 T__ ___ 5375128 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=0 MODS 2.68 18.4 Pn 08:04:43.527 -1.5 T__ ___ 5375095 FDSN SK -- BUD iLoc HHZ ??? _
FRGS 2.76 102.9 Pn 08:04:45.255 -0.7 T__ ___ ML 3.4 5375111 FDSN SJ -- BUD iLoc HHZ HHZ _
(Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=1 HU10A 2.88 44.7 Pn 08:04:47.043 -0.4 T__ 135.7 ___ ML 3.2 5375129 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1 A007A 2.90 353.7 Pn 08:04:47.973 -0.2 T__ 109.4 ___ ML 3.1 5375130 FDSN Z3 00 BUD iLoc HHZ HHZ _
A007A 2.90 353.7 Lg 08:05:35.246 1.3 T__ ___ 5375131 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1 A001A 2.92 7.6 Pn 08:04:50.606 2.2 T__ 125.8 ___ ML 3.2 5375132 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1 BBLs 3.12 128.0 Pn 08:04:51.443 0.0 T__ 520.9 ___ ML 4.0 5375096 FDSN SJ -- BUD iLoc BHZ BHZ _
(Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=0 CKRC 3.20 339.4 Pn 08:04:52.570 0.3 T__ 272.1 ___ ML 3.7 5375097 FDSN CZ -- BUD iLoc BHZ BHZ _
(Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=0 HU03A 3.21 48.7 Pg 08:05:03.279 0.5 T__ 112.5 ___ ML 3.3 5375133 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1 JAVC 3.23 19.9 Pn 08:04:52.607 -0.1 T__ 115.1 ___ ML 3.4 5375098 FDSN CZ -- BUD iLoc BHZ BHZ _
(Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=1 KRUC 3.24 4.5 Pn 08:04:51.661 -1.1 T__ 62.4 ___ ML 3.1 5375099 FDSN CZ -- BUD iLoc BHZ BHZ _
(Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1 PSZ 3.38 50.6 Pn 08:04:54.322 -0.2 T__ 79.4 ___ ML 3.3 5375113 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 3.38 50.6 Sn 08:05:33.730 -0.9 T__ ___ 5375112 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1 VRAC 3.49 6.3 Pn 08:04:55.354 -1.0 T__ 56.2 ___ ML 3.2 5375100 FDSN CZ -- BUD iLoc BHZ BHZ _
(Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1 A331A 3.64 23.5 Pn 08:04:58.806 0.6 T__ 104.5 ___ ML 3.5 5375134 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.5 magdef=1

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(Station ML: 3.5 magdef=1
BZS 3.93 91.2 Pn 08:05:01.114 -1.2 T__ 41.6 ___ ML 3.2 5375101 FDSN RO -- BUD iLoc BHZ BHZ _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
MORC 4.07 14.1 Pn 08:05:04.303 -0.1 T__ 67.0 ___ ML 3.4 5375102 FDSN CZ -- BUD iLoc BHZ BHZ _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=1
JOS 4.08 47.7 Pn 08:05:04.280 0.3 T__ 42.0 ___ ML 3.2 5375135 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
PRU 4.27 347.2 Pn 08:05:07.225 0.1 T__ 93.1 ___ ML 3.6 5375103 FDSN CZ -- BUD iLoc BHZ BHZ _
(Reading ML: 3.6 magdef=1
(Station ML: 3.6 magdef=0
DRGR 4.74 76.0 Pn 08:05:14.111 0.5 T__ 45.4 ___ ML 3.4 5375104 FDSN RO -- BUD iLoc BHZ BHZ _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 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
2020/03/22 08:26:53.79 1.27 0.51 45.8643 16.0314 10.5 5.2 135 2.0f 13 7 128 0.05 1.43 ke BUD 16000388 BUD 205

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Magnitude Err Nsta Author OrigID
ML 2.3 0.4 6 BUD 16000388

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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
ZAG 0.05 219.8 Pg 08:26:55.630 0.6 T__ 13169.8 ___ ML 2.6 5375716 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.05 219.8 Lg 08:26:56.501 0.6 T__ ___ 5375715 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
PTJ 0.06 314.0 Pg 08:26:55.158 -0.4 T__ 15347.3 ___ ML 2.7 5375713 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.06 314.0 Lg 08:26:56.138 -0.9 T__ ___ 5375714 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
CRES 0.40 264.8 Pg 08:27:01.724 0.1 T__ 326.2 ___ ML 1.9 5375717 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.40 264.8 Lg 08:27:07.287 -0.3 T__ ___ 5375718 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOGS 0.60 14.5 Pg 08:27:05.528 -0.2 T__ 1035.2 ___ ML 2.9 5375720 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.60 14.5 Lg 08:27:13.629 0.1 T__ ___ 5375719 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
OBKA 1.22 302.6 Pg 08:27:17.487 0.8 T__ 87.7 ___ ML 2.1 5375721 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.22 302.6 Lg 08:27:33.014 -0.0 T__ ___ 5375722 FDSN OE -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
BLY 1.38 143.5 Lg 08:27:38.431 0.1 T__ ___ 5375723 FDSN MN -- BUD iLoc BHE ??? _
ARSA 1.43 346.0 Pn 08:27:20.631 0.3 T__ 42.6 ___ ML 1.9 5375725 FDSN OE -- BUD iLoc BHZ BHZ _
ARSA 1.43 346.0 Lg 08:27:39.398 0.1 T__ ___ 5375724 FDSN OE -- BUD iLoc BHE ??? _
(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			
2020/03/22	08:42:49.05	0.91	0.81	45.8958	16.0136	6.6	5.5	92	3.4	8.0	20	13	64	0.03	3.18	ke	BUD	16000390	BUD			116			
Magnitude	Err	Nsta	Author	OrigID																					
ML	2.7	0.4	13	BUD	16000390																				
Sta	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	289.5	Pg	08:42:50.416	-0.0					T__		37312.7		___	ML	3.0	5376001	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	289.5	Lg	08:42:51.287	-0.4					T__				---		5376002	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=1)																									
ZAG	0.07	195.1	Pg	08:42:51.190	0.5					T__		21715.9		_d	ML	2.8	5376004	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	195.1	Lg	08:42:52.012	-0.0					T__				---		5376003	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
CRES	0.40	260.0	Pg	08:42:56.995	0.2					T__		2118.6		---	ML	2.7	5376005	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	260.0	Lg	08:43:02.871	0.2					T__				---		5376006	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
KOGS	0.58	16.5	Pg	08:43:00.671	0.2					T__		2360.9		---	ML	3.2	5376007	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=0)																									
OBKA	1.19	301.6	Pn	08:43:12.811	0.2					T__		149.3		---	ML	2.3	5376008	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.19	301.6	Lg	08:43:28.012	0.6					T__				---		5376009	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
A265A	1.35	66.2	Pg	08:43:15.518	0.7					T__		329.2		---	ML	2.8	5376018	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
ARSA	1.40	346.2	Pg	08:43:15.242	0.1					T__		61.2		---	ML	2.1	5376012	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.40	346.2	Sn	08:43:33.768	0.3					T__				---		5376013	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
BLY	1.41	143.8	Pn	08:43:14.516	-0.7					T__		71.3		---	ML	2.1	5376011	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.41	143.8	Lg	08:43:33.622	-0.9					T__				---		5376010	FDSN	MN	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MPLH	1.65	39.0	Pn	08:43:17.349	-0.8					T__		66.2		---	ML	2.2	5376019	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
MORH	1.86	79.2	Pn	08:43:20.079	-0.6					T__		25.5		---	ML	1.9	5376015	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.86	79.2	Sn	08:43:42.329	-2.0					T__				---		5376014	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
CONA	2.04	357.1	Pn	08:43:22.594	-1.3					T__		52.3		---	ML	2.4	5376016	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
A007A	2.84	353.5	Pn	08:43:35.061	0.1					T__		48.4		---	ML	2.8	5376020	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
KRUC	3.18	4.5	Pn	08:43:38.508	-1.0					T__		65.7		---	ML	3.1	5376017	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 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
2020/03/22	08:57:02.02	0.89	1.02	45.8966	16.0137	6.1	3.5	91	2.8	9.4	19	12	64	0.03	2.04	ke	BUD	16000392	BUD			116

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.2	10 BUD	16000392

Sta	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	288.1	Pg	08:57:03.196	-0.1					T__		10974.2		___	ML	2.4	5376168	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	288.1	Lg	08:57:04.406	-0.2					T__				---		5376167	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
ZAG	0.07	195.0	Pg	08:57:04.019	0.3					T__		25629.7		___	ML	2.9	5376165	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	195.0	Lg	08:57:04.841	-0.1					T__				---		5376166	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=0)																									
CRES	0.40	259.9	Pg	08:57:10.065	0.3					T__		723.5		___	ML	2.3	5376169	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	259.9	Lg	08:57:15.772	0.2					T__				---		5376170	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
KOGS	0.58	16.5	Pg	08:57:13.354	-0.0					T__		1922.4		___	ML	3.1	5376171	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.58	16.5	Lg	08:57:21.480	0.6					T__				---		5376172	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=0)																									
BEHE	0.78	42.4	Lg	08:57:28.639	0.8					T__				---		5376173	FDSN	HU	--	BUD	iLoc	BHE	???	_	
A264A	0.93	73.1	Sn	08:57:33.353	-1.7					T__				---		5376183	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
OBKA	1.19	301.6	Pn	08:57:25.350	-0.3					T__		83.1		---	ML	2.1	5376175	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.19	301.6	Sn	08:57:42.279	-0.1					T__				---		5376174	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ARSA	1.40	346.2	Pn	08:57:27.865	-0.2					T__		47.7		___	ML	2.0	5376179	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.40	346.2	Lg	08:57:47.890	1.4					T__				---		5376178	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
BLY	1.41	143.9	Pn	08:57:26.704	-1.6					T__		65.6		___	ML	2.1	5376176	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.41	143.9	Lg	08:57:45.713	-1.8					T__				---		5376177	FDSN	MN	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
EGYH	1.77	30.4	Pn	08:57:32.121	-0.7					T__		168.3		___	ML	2.7	5376180	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
MORH	1.86	79.2	Pn	08:57:32.025	-1.7					T__		17.4		___	ML	1.8	5376181	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
CONA	2.04	357.1	Pn	08:57:37.490	0.5					T__		63.9		___	ML	2.4	5376182	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(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
2020/03/22	09:06:54.07	2.76	1.41	45.9039	16.0388	17.4	4.6	103	0.3	5.1	8	5	190	0.09	1.39	ke	BUD	16000394	BUD			244

Magnitude Err Nsta Author OrigID
 ML 2.3 0.1 3 BUD 16000394

Sta	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	0.09	205.2	Pg	09:06:56.199	0.2					T__		5734.3		---	ML	2.3	5376240	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.09	205.2	Lg	09:06:57.215	-0.3					T__				---		5376241	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
CRES	0.41	259.4	Pg	09:07:01.907	-0.2					T__		287.7		---	ML	1.9	5376243	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.41	259.4	Lg	09:07:07.856	-0.4					T__				---		5376242	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOGS	0.56	15.0	Pg	09:07:05.244	-0.2					T__		372.5		---	ML	2.4	5376244	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.56	15.0	Lg	09:07:13.177	0.1					T__				---		5376245	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
OBKA	1.20	300.9	Lg	09:07:35.088	2.3					T__				---		5376246	FDSN	OE	--	BUD	iLoc	BHE	???	_	
ARSA	1.39	345.4	Sn	09:07:40.603	1.5					T__				---		5376247	FDSN	OE	--	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
2020/03/22	09:11:57.62	0.86	1.17	45.8582	16.0058	7.1	6.0	51	3.8	10.4	65	42	62	0.03	4.99	ke	BUD	16000396	BUD		122	

Magnitude Err Nsta Author OrigID
 ML 3.3 0.1 41 BUD 16000396

Sta	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	0.03	202.8	Pg	09:11:59.416	0.7					T__		283423.9		---	ML	3.8	5376645	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.8 magdef=1)																									
ZAG	0.03	202.8	Lg	09:12:00.320	0.7					T__				---		5376683	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Station ML: 3.8 magdef=0)																									
PTJ	0.06	331.6	Pg	09:11:58.758	-0.6					T__		258284.9		---	ML	3.9	5376667	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.9 magdef=1)																									
PTJ	0.06	331.6	Lg	09:11:59.784	-1.1					T__				---		5376684	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Station ML: 3.9 magdef=0)																									
CRES	0.39	265.4	Pg	09:12:05.268	0.1					T__		14342.1		---	ML	3.5	5376646	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	265.4	Lg	09:12:11.140	0.3					T__				---		5376668	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.5 magdef=1)																									
(Station ML: 3.5 magdef=1)																									
KOGS	0.61	16.0	Pg	09:12:08.719	-1.0					T__		14431.2		---	ML	4.0	5376647	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.61	16.0	Lg	09:12:17.172	-0.6					T__				---		5376669	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 4.0 magdef=1)																									
(Station ML: 4.0 magdef=0)																									
BEHE	0.81	40.9	Pg	09:12:12.968	-0.9					T__		1592.0		---	ML	3.2	5376686	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.81	40.9	Sn	09:12:26.357	-1.6					T__				---		5376685	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=0)																									
A264A	0.94	70.9	Pn	09:12:15.921	-1.0					T__		1574.1		---	ML	3.2	5376687	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=1)																									
A263A	1.20	48.8	Pn	09:12:19.107	-1.3					T__		993.3		---	ML	3.2	5376688	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																									

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(Station ML: 3.2 magdef=1
OBKA 1.20 303.3 Pg 09:12:20.031 -0.2 T__ 1751.0 ___ ML 3.4 5376648 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.20 303.3 Lg 09:12:36.142 -0.4 T__ ___ 5376670 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=1
A010A 1.22 2.4 Pn 09:12:20.148 -0.7 T__ 1884.8 ___ ML 3.5 5376689 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.5 magdef=1
(Station ML: 3.5 magdef=1
A261A 1.35 35.4 Pn 09:12:21.331 -1.1 T__ 859.3 ___ ML 3.2 5376690 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
A265A 1.37 64.9 Pn 09:12:21.651 -0.9 T__ 1204.1 ___ ML 3.3 5376691 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=1
BLY 1.39 142.7 Pn 09:12:22.238 -1.2 T__ 460.8 ___ ML 2.9 5376649 FDSN MN -- BUD iLoc BHZ BHZ _
BLY 1.39 142.7 Lg 09:12:41.757 -0.5 T__ ___ 5376671 FDSN MN -- BUD iLoc BHE ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
ARSA 1.43 346.7 Pn 09:12:22.818 -1.2 T__ 610.4 ___ ML 3.1 5376650 FDSN OE -- BUD iLoc BHZ BHZ _
ARSA 1.43 346.7 Lg 09:12:42.932 -0.3 T__ ___ 5376672 FDSN OE -- BUD iLoc BHN ??? _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=0
MPLH 1.69 38.4 Pn 09:12:25.596 -1.5 T__ 348.4 ___ ML 3.0 5376651 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 1.69 38.4 Pg 09:12:28.853 -0.7 T__ ___ 5376692 FDSN HU -- BUD iLoc BHZ ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
A266A 1.71 66.1 Pg 09:12:30.459 0.5 T__ 1139.0 ___ ML 3.5 5376693 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.5 magdef=1
(Station ML: 3.5 magdef=1
EGYH 1.81 29.9 Pn 09:12:29.184 0.4 T__ 630.1 ___ ML 3.3 5376666 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=1
SOP 1.86 11.6 Pn 09:12:29.190 -0.5 T__ 344.1 ___ ML 3.1 5376653 FDSN HU -- BUD iLoc BHZ BHZ _
SOP 1.86 11.6 Pg 09:12:32.755 0.1 T__ ___ 5376674 FDSN HU -- BUD iLoc BHZ ??? _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=0
MORH 1.87 78.1 Pn 09:12:27.849 -1.6 T__ 127.0 ___ ML 2.6 5376652 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 1.87 78.1 Pg 09:12:33.671 0.7 T__ ___ 5376673 FDSN HU -- BUD iLoc BHZ ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
HU08A 2.05 39.3 Pn 09:12:30.708 -1.4 T__ 317.1 ___ ML 3.1 5376694 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=0
CONA 2.07 357.3 Pn 09:12:32.813 -0.2 T__ 329.0 ___ ML 3.2 5376654 FDSN OE -- BUD iLoc BHZ BHZ _
CONA 2.07 357.3 Pg 09:12:37.262 0.9 T__ ___ 5376676 FDSN OE -- BUD iLoc BHZ ??? _
CONA 2.07 357.3 Lg 09:13:05.531 1.5 T__ ___ 5376675 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
A013A 2.24 349.7 Pn 09:12:35.484 0.3 T__ 386.3 ___ ML 3.3 5376695 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=1
A005B 2.52 3.0 Pg 09:12:47.466 3.1 T__ 534.7 ___ ML 3.6 5376696 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.6 magdef=1

```

(Station ML: 3.6 magdef=0													
A008A 2.52 354.6 Pn	09:12:38.681	-0.3	T__	159.1	---	ML	3.1 5376697	FDSN Z3	00 BUD	iLoc	HHZ HHZ _		
A008A 2.52 354.6 Pg	09:12:44.805	0.7	T__		---		5376698	FDSN Z3	00 BUD	iLoc	HHZ ??? _		
(Reading ML: 3.1 magdef=1													
(Station ML: 3.1 magdef=0													
HU04A 2.59 67.1 Pn	09:12:40.443	1.1	T__	250.3	---	ML	3.3 5376699	FDSN ZJ	00 BUD	iLoc	HHZ HHZ _		
HU04A 2.59 67.1 Lg	09:13:20.018	-1.7	T__		---		5376700	FDSN ZJ	00 BUD	iLoc	HHE ??? _		
(Reading ML: 3.3 magdef=1													
(Station ML: 3.3 magdef=1													
MODS 2.66 18.6 Pn	09:12:39.514	-1.3	T__		---		5376701	FDSN SK	-- BUD	iLoc	HHZ ??? _		
A338A 2.69 35.8 Pg	09:12:49.070	0.8	T__	230.1	---	ML	3.4 5376702	FDSN Z3	00 BUD	iLoc	HHZ HHZ _		
(Reading ML: 3.4 magdef=1													
(Station ML: 3.4 magdef=1													
FRGS 2.77 103.3 Pn	09:12:40.841	-1.3	T__	224.0	---	ML	3.4 5376655	FDSN SJ	-- BUD	iLoc	HHZ HHZ _		
FRGS 2.77 103.3 Pg	09:12:48.979	0.8	T__		---		5376677	FDSN SJ	-- BUD	iLoc	HHZ ??? _		
FRGS 2.77 103.3 Lg	09:13:27.437	-0.0	T__		---		5376678	FDSN SJ	-- BUD	iLoc	HHE ??? _		
(Reading ML: 3.4 magdef=1													
(Station ML: 3.4 magdef=1													
HU10A 2.87 45.0 Pg	09:12:54.405	2.7	T__	259.8	---	ML	3.5 5376703	FDSN ZJ	00 BUD	iLoc	HHZ HHZ _		
(Reading ML: 3.5 magdef=1													
(Station ML: 3.5 magdef=1													
A007A 2.88 353.7 Pn	09:12:43.393	-0.6	T__	152.8	---	ML	3.3 5376704	FDSN Z3	00 BUD	iLoc	HHZ HHZ _		
A007A 2.88 353.7 Lg	09:13:30.667	1.4	T__		---		5376705	FDSN Z3	00 BUD	iLoc	HHN ??? _		
(Reading ML: 3.3 magdef=1													
(Station ML: 3.3 magdef=1													
A001A 2.90 7.7 Pg	09:12:52.004	0.2	T__	173.4	---	ML	3.4 5376706	FDSN Z3	00 BUD	iLoc	HHZ HHZ _		
(Reading ML: 3.4 magdef=1													
(Station ML: 3.4 magdef=1													
BBLs 3.13 128.3 Pn	09:12:47.051	-0.6	T__	496.9	---	ML	3.9 5376656	FDSN SJ	-- BUD	iLoc	BHZ BHZ _		
BBLs 3.13 128.3 Pg	09:12:56.744	2.2	T__		---		5376679	FDSN SJ	-- BUD	iLoc	BHZ ??? _		
(Reading ML: 3.9 magdef=1													
(Station ML: 3.9 magdef=0													
CKRC 3.18 339.3 Pn	09:12:48.636	0.5	T__	368.3	---	ML	3.8 5376657	FDSN CZ	-- BUD	iLoc	BHZ BHZ _		
CKRC 3.18 339.3 Pg	09:12:56.543	1.4	T__		---		5376680	FDSN CZ	-- BUD	iLoc	BHZ ??? _		
(Reading ML: 3.8 magdef=1													
(Station ML: 3.8 magdef=0													
JAVC 3.21 20.0 Pn	09:12:48.273	-0.3	T__	120.9	---	ML	3.4 5376658	FDSN CZ	-- BUD	iLoc	BHZ BHZ _		
JAVC 3.21 20.0 Pg	09:13:01.733	3.4	T__		---		5376707	FDSN CZ	-- BUD	iLoc	BHZ ??? _		
(Reading ML: 3.4 magdef=1													
(Station ML: 3.4 magdef=1													
KRUC 3.22 4.6 Pn	09:12:47.340	-1.2	T__	78.6	---	ML	3.2 5376659	FDSN CZ	-- BUD	iLoc	BHZ BHZ _		
KRUC 3.22 4.6 Pg	09:12:56.272	-1.1	T__		---		5376681	FDSN CZ	-- BUD	iLoc	BHZ ??? _		
(Reading ML: 3.2 magdef=1													
(Station ML: 3.2 magdef=1													
PSZ 3.37 50.9 Pn	09:12:51.117	0.6	T__	82.9	---	ML	3.3 5376660	FDSN GE	-- BUD	iLoc	BHZ BHZ _		
PSZ 3.37 50.9 Sn	09:13:30.087	-0.7	T__		---		5376682	FDSN GE	-- BUD	iLoc	BHN ??? _		
(Reading ML: 3.3 magdef=1													
(Station ML: 3.3 magdef=1													
VRAC 3.47 6.4 Pn	09:12:50.966	-1.2	T__	82.2	---	ML	3.3 5376661	FDSN CZ	-- BUD	iLoc	BHZ BHZ _		
(Reading ML: 3.3 magdef=1													
(Station ML: 3.3 magdef=1													
BZS 3.94 91.5 Pn	09:12:57.111	-1.3	T__	48.5	---	ML	3.3 5376662	FDSN RO	-- BUD	iLoc	BHZ BHZ _		
(Reading ML: 3.3 magdef=1													

(Station ML: 3.3 magdef=1
MORC 4.06 14.2 Pn 09:12:59.665 -0.6 T__ 53.8 ___ ML 3.3 5376663 FDSN CZ -- BUD iLoc BHZ BHZ _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=1
JOS 4.06 47.9 Pn 09:12:59.474 -0.4 T__ 53.1 ___ ML 3.3 5376708 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=1
PRU 4.25 347.1 Pn 09:13:03.606 0.7 T__ 144.6 ___ ML 3.8 5376664 FDSN CZ -- BUD iLoc BHZ BHZ _
(Reading ML: 3.8 magdef=1
(Station ML: 3.8 magdef=0
ABAH 4.33 53.8 Pn 09:13:02.898 -0.6 T__ 56.6 ___ ML 3.4 5376709 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=1
KSP 4.99 2.1 Pn 09:13:13.551 -0.2 T__ 57.2 ___ ML 3.6 5376665 FDSN PL -- 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
2020/03/22 09:14:08.88 1.76 0.37 45.8948 16.0013 11.2 3.4 75 0.4 5.3 16 9 145 0.03 2.04 ke BUD 16000398 BUD 217

Magnitude Err Nsta Author OrigID
ML 2.4 0.2 9 BUD 16000398

Sta	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	297.7	Pg	09:14:09.867	-0.1					T__		15049.3		___	ML	2.6 5376867	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	297.7	Lg	09:14:10.689	-0.3					T__				---		5376866	FDSN	CR	--	BUD	iLoc	BHN	???	_
				(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1																				
ZAG	0.07	188.4	Pg	09:14:10.350	-0.1					T__		22749.2		___	ML	2.8 5376864	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	188.4	Lg	09:14:11.801	0.0					T__				---		5376865	FDSN	CR	--	BUD	iLoc	BHE	???	_
				(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1																				
CRES	0.39	259.9	Pg	09:14:16.300	-0.1					T__		1009.6		___	ML	2.4 5376868	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	259.9	Lg	09:14:22.588	0.5					T__				---		5376869	FDSN	SL	--	BUD	iLoc	BHE	???	_
				(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																				
KOGS	0.58	17.3	Pg	09:14:20.169	-0.3					T__		2303.1		___	ML	3.2 5376871	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.58	17.3	Lg	09:14:28.150	-0.1					T__				---		5376870	FDSN	SL	--	BUD	iLoc	BHN	???	_
				(Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=0																				
BEHE	0.79	42.8	Pg	09:14:24.958	0.1					T__		175.4		___	ML	2.2 5376872	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.79	42.8	Lg	09:14:36.035	0.4					T__				---		5376873	FDSN	HU	--	BUD	iLoc	BHE	???	_
				(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0																				
OBKA	1.18	301.9	Pn	09:14:32.794	0.1					T__		167.0		___	ML	2.4 5376875	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.18	301.9	Lg	09:14:47.740	0.7					T__				---		5376874	FDSN	OE	--	BUD	iLoc	BHE	???	_
				(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																				
ARSA	1.40	346.5	Pn	09:14:35.212	0.0					T__		91.9		___	ML	2.2 5376876	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.40	346.5	Sn	09:14:54.294	0.4					T__				---		5376877	FDSN	OE	--	BUD	iLoc	BHE	???	_
				(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																				

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MPLH  1.66 39.2 Pn      09:14:38.985  0.6          T__      69.3      ___ ML    2.3 5376878  FDSN HU    -- BUD  iLoc BHZ BHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
CONA  2.04 357.4 Pn    09:14:44.306  0.2          T__      61.0      ___ ML    2.4 5376879  FDSN OE    -- BUD  iLoc BHZ BHZ _
(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
2020/03/22 10:15:41.38  1.35  0.53 45.8789 16.0525 11.9  4.2 119  2.0f  8  5 207  0.07  1.42  ke BUD  16000400  BUD  249

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Magnitude Err Nsta Author  OrigID
ML 2.1 0.0 3 BUD 16000400

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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
ZAG  0.07 221.4 Pg      10:15:43.131  0.2          T__      3695.6  ___ ML    2.1 5376933  FDSN CR    -- BUD  iLoc BHZ BHZ _
ZAG  0.07 221.4 Lg      10:15:43.856 -0.3          T__      ___      ___      5376934  FDSN CR    -- BUD  iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CRES 0.42 263.0 Pg      10:15:49.951  0.4          T__      413.0  ___ ML    2.1 5376936  FDSN SL    -- BUD  iLoc BHZ BHZ _
CRES 0.42 263.0 Lg      10:15:55.199 -0.6          T__      ___      ___      5376935  FDSN SL    -- BUD  iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOGS 0.59 13.5 Pg      10:15:52.635 -0.3          T__      486.2  ___ ML    2.5 5376937  FDSN SL    -- BUD  iLoc BHZ BHZ _
KOGS 0.59 13.5 Lg      10:16:01.318  0.7          T__      ___      ___      5376938  FDSN SL    -- BUD  iLoc BHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
OBKA 1.22 301.7 Lg      10:16:20.411 -0.4          T__      ___      ___      5376939  FDSN OE    -- BUD  iLoc BHE ??? _
ARSA 1.42 345.3 Sn      10:16:26.361 -0.2          T__      ___      ___      5376940  FDSN OE    -- 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
2020/03/22 11:29:13.49  2.99  0.80 45.8167 16.0582 26.7  7.3 144 10.8  6.8  8  5 259  0.05  1.48  ke BUD  16000404  BUD  285

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Magnitude Err Nsta Author  OrigID
ML 2.0 0.4 3 BUD 16000404

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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
ZAG  0.05 281.7 Pg      11:29:15.786  0.0          T__      2021.0  ___ ML    1.7 5377053  FDSN CR    -- BUD  iLoc BHZ BHZ _
ZAG  0.05 281.7 Lg      11:29:17.720  0.3          T__      ___      ___      5377054  FDSN CR    -- BUD  iLoc BHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CRES 0.42 271.5 Pg      11:29:21.880 -0.0          T__      359.3  ___ ML    2.0 5377056  FDSN SL    -- BUD  iLoc BHZ BHZ _
CRES 0.42 271.5 Lg      11:29:27.878 -0.4          T__      ___      ___      5377055  FDSN SL    -- BUD  iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOGS 0.65 11.9 Pg      11:29:26.233  0.2          T__      295.4  ___ ML    2.3 5377057  FDSN SL    -- BUD  iLoc BHZ BHZ _
KOGS 0.65 11.9 Lg      11:29:33.876 -0.9          T__      ___      ___      5377058  FDSN SL    -- BUD  iLoc BHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
OBKA 1.26 304.0 Sn      11:29:53.320 -0.7          T__      ___      ___      5377059  FDSN OE    -- BUD  iLoc BHE ??? _
ARSA 1.48 345.8 Lg      11:30:01.543  1.0          T__      ___      ___      5377060  FDSN OE    -- 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
2020/03/22	11:50:44.00	3.82	1.45	48.5338	22.3108	37.4	9.3	22	2.7	19.9	16	9	189	0.05	1.76	ke	BUD	16000410	BUD		228	

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	8 BUD	16000410

Sta	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	0.05	98.0	Pg	11:50:44.386	-0.9					T__						5377288	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
TRPA	0.43	159.2	Pg	11:50:53.076	0.6					T__		22.8			ML	0.9	5377277	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 0.9 magdef=1)																					
				(Station ML: 0.9 magdef=0)																					
ABAH	0.75	252.0	Pg	11:50:58.470	-0.3					T__		176.2			ML	2.2	5377278	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.75	252.0	Lg	11:51:10.480	-0.3					T__						5377279	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
BMR	1.17	136.9	Pg	11:51:06.511	-0.1					T__		107.9			ML	2.2	5377280	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BMR	1.17	136.9	Lg	11:51:22.287	-1.7					T__						5377281	FDSN	RO	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
JOS	1.18	268.8	Pn	11:51:06.430	0.2					T__		63.5			ML	2.0	5377289	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.18	268.8	Lg	11:51:22.323	-1.6					T__						5377290	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
KECS	1.21	268.3	Pn	11:51:07.834	1.1					T__		76.1			ML	2.1	5377283	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	1.21	268.3	Sn	11:51:24.424	-0.5					T__						5377282	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
HU02A	1.26	251.6	Pn	11:51:07.299	-0.2					T__		59.0			ML	2.0	5377291	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.26	251.6	Sn	11:51:23.553	-2.7					T__						5377292	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
PSZ	1.73	250.0	Pn	11:51:16.027	1.8					T__		59.4			ML	2.2	5377285	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.73	250.0	Sn	11:51:39.590	2.0					T__						5377284	FDSN	GE	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=0)																					
DRGR	1.76	171.0	Pn	11:51:16.231	1.5					T__		42.6			ML	2.1	5377286	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.76	171.0	Sn	11:51:39.488	0.7					T__						5377287	FDSN	RO	--	BUD	iLoc	BHN	???	_	
				(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
2020/03/22	13:34:08.98	0.91	0.71	45.8860	16.0180	6.5	4.1	123	2.1	11.2	20	12	64	0.04	2.05	ke	BUD	16000418	BUD		121	

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	12 BUD	16000418

Sta	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	0.04	301.1	Pg	13:34:10.220	-0.1					T__		38224.0			ML	3.0	5377706	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 3.0 magdef=1)																					

PTJ	0.04	301.1	Lg	13:34:11.147	-0.5	T__									5377690	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Station ML: 3.0 magdef=0)																							
ZAG	0.06	200.1	Pg	13:34:10.760	0.3	T__	28456.0								5377692	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.06	200.1	Lg	13:34:11.728	0.1	T__									5377691	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.9 magdef=1)																							
(Station ML: 2.9 magdef=1)																							
CRES	0.40	261.5	Pg	13:34:16.951	0.2	T__	1264.5								5377693	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	261.5	Lg	13:34:22.272	-0.3	T__									5377694	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.5 magdef=1)																							
(Station ML: 2.5 magdef=1)																							
KOGS	0.58	15.9	Pg	13:34:20.386	-0.1	T__	2887.8								5377696	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.58	15.9	Lg	13:34:28.657	0.5	T__									5377695	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 3.3 magdef=1)																							
(Station ML: 3.3 magdef=0)																							
BEHE	0.79	41.7	Pg	13:34:24.304	-0.4	T__	191.8								5377697	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.79	41.7	Lg	13:34:36.057	1.1	T__									5377698	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=1)																							
AO10A	1.19	2.0	Pn	13:34:32.032	0.0	T__	250.9								5377707	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																							
(Station ML: 2.6 magdef=1)																							
OBKA	1.20	301.9	Pg	13:34:31.801	0.2	T__	160.0								5377700	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.20	301.9	Lg	13:34:47.569	-0.1	T__									5377699	FDSN	OE	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.4 magdef=1)																							
(Station ML: 2.4 magdef=1)																							
BLY	1.40	143.7	Pn	13:34:33.779	-1.4	T__	110.2								5377708	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.3 magdef=1)																							
BLY	1.40	143.7	Sn	13:34:53.422	-0.8	T__									5377701	FDSN	MN	--	BUD	iLoc	BHE	???	_
(Station ML: 2.3 magdef=1)																							
ARSA	1.41	346.1	Pn	13:34:34.993	-0.2	T__	76.9								5377703	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.41	346.1	Lg	13:34:54.680	0.9	T__									5377702	FDSN	OE	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=1)																							
MPLH	1.66	38.7	Pn	13:34:38.863	0.6	T__	54.1								5377704	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=0)																							
MORH	1.86	78.9	Pn	13:34:39.365	-1.4	T__	37.5								5377709	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=0)																							
CONA	2.05	357.1	Pn	13:34:44.474	0.3	T__	77.0								5377705	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(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
2020/03/22	13:59:21.89	0.91	0.52	45.8945	16.0300	6.7	4.4	129	2.9	10.4	19	11	124	0.05	2.60	ke	BUD	16000420	BUD			181

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.3	11 BUD	16000420

Sta	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	0.05	286.1	Pg	13:59:23.299	-0.1					T__	6486.8				ML	2.2	5377814	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.05	286.1	Lg	13:59:24.363	-0.4					T__						5377813	FDSN	CR	--	BUD	iLoc	BHN	???	_	

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
ZAG 0.07 204.0 Pg 13:59:23.976 0.4 T__ 8300.1 ___ ML 2.4 5377811 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.07 204.0 Lg 13:59:24.847 -0.1 T__ ___ 5377812 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
CRES 0.41 260.5 Pg 13:59:30.022 0.2 T__ 1454.7 ___ ML 2.6 5377815 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.41 260.5 Lg 13:59:35.924 0.1 T__ ___ 5377816 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
KOGS 0.57 15.4 Pg 13:59:33.215 -0.0 T__ 1392.9 ___ ML 3.0 5377818 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.57 15.4 Lg 13:59:40.809 0.1 T__ ___ 5377817 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
BEHE 0.77 41.7 Pg 13:59:37.471 0.1 T__ 161.0 ___ ML 2.1 5377819 FDSN HU -- BUD iLoc BHZ BHZ _
BEHE 0.77 41.7 Lg 13:59:48.064 0.5 T__ ___ 5377820 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
OBKA 1.20 301.4 Pn 13:59:45.356 -0.3 T__ 79.4 ___ ML 2.1 5377822 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.20 301.4 Lg 14:00:01.172 0.5 T__ ___ 5377821 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
ARSA 1.40 345.7 Pg 13:59:48.282 0.2 T__ 67.9 ___ ML 2.1 5377823 FDSN OE -- BUD iLoc BHZ BHZ _
ARSA 1.40 345.7 Sn 14:00:05.792 -0.7 T__ ___ 5377824 FDSN OE -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MORH 1.85 79.1 Pn 13:59:52.442 -1.0 T__ 17.9 ___ ML 1.8 5377825 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 1.8 magdef=1
MORH 1.85 79.1 Pg 13:59:56.357 -0.5 T__ ___ 5377828 FDSN HU -- BUD iLoc BHZ ??? _
(Station ML: 1.8 magdef=0
CONA 2.04 356.8 Pn 13:59:56.663 -0.2 T__ 55.6 ___ ML 2.4 5377826 FDSN OE -- BUD iLoc BHZ BHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A272A 2.20 66.3 Pg 14:00:04.345 0.8 T__ 194.1 ___ ML 3.0 5377829 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
BUD 2.60 51.3 Pn 14:00:03.299 -0.7 T__ 105.6 ___ ML 3.0 5377827 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 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
2020/03/22 14:04:29.80 0.96 0.56 45.8646 16.0279 8.5 4.3 145 1.0f 25 17 73 0.05 2.87 ke BUD 16000422 BUD 139

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Magnitude Err Nsta Author OrigID
ML 2.5 0.3 17 BUD 16000422

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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
ZAG 0.05 217.3 Pg 14:04:31.648 0.7 T__ 27079.0 ___ ML 2.9 5377997 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.05 217.3 Lg 14:04:32.519 0.6 T__ ___ 5377998 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
PTJ 0.06 315.4 Pg 14:04:30.971 -0.5 T__ 40002.9 ___ ML 3.1 5378000 FDSN CR -- BUD iLoc BHZ BHZ _

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PTJ	0.06	315.4	Lg	14:04:32.035	-1.0	T__			5377999	FDSN	CR	--	BUD	iLoc	BHE	???	_
	(Reading ML: 3.1 magdef=1)																
	(Station ML: 3.1 magdef=0)																
CRES	0.40	264.7	Pg	14:04:37.499	-0.1	T__	942.3	---	ML	2.4	5378014	FDSN	SL	--	BUD	iLoc	BHZ BHZ _
CRES	0.40	264.7	Lg	14:04:43.596	0.1	T__		---			5378001	FDSN	SL	--	BUD	iLoc	BHE ??? _
	(Reading ML: 2.4 magdef=1)																
	(Station ML: 2.4 magdef=1)																
KOGS	0.60	14.8	Pg	14:04:41.564	-0.2	T__	2094.3	---	ML	3.2	5378003	FDSN	SL	--	BUD	iLoc	BHZ BHZ _
KOGS	0.60	14.8	Lg	14:04:49.787	0.1	T__		---			5378002	FDSN	SL	--	BUD	iLoc	BHE ??? _
	(Reading ML: 3.2 magdef=1)																
	(Station ML: 3.2 magdef=0)																
BEHE	0.80	40.4	Pg	14:04:45.530	-0.3	T__	258.2	---	ML	2.4	5378004	FDSN	HU	--	BUD	iLoc	BHZ BHZ _
	(Reading ML: 2.4 magdef=1)																
	(Station ML: 2.4 magdef=1)																
A263A	1.18	48.5	Pn	14:04:52.651	-0.0	T__	236.5	---	ML	2.5	5378015	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
	(Reading ML: 2.5 magdef=1)																
	(Station ML: 2.5 magdef=1)																
AO10A	1.21	1.7	Pg	14:04:53.023	0.1	T__	269.6	---	ML	2.6	5378016	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
	(Reading ML: 2.6 magdef=1)																
	(Station ML: 2.6 magdef=1)																
OBKA	1.21	302.6	Pg	14:04:53.173	0.4	T__	133.3	---	ML	2.3	5378005	FDSN	OE	--	BUD	iLoc	BHZ BHZ _
OBKA	1.21	302.6	Lg	14:05:09.425	0.4	T__		---			5378006	FDSN	OE	--	BUD	iLoc	BHE ??? _
	(Reading ML: 2.3 magdef=1)																
	(Station ML: 2.3 magdef=1)																
BLY	1.38	143.4	Pn	14:04:54.962	-0.9	T__	93.2	---	ML	2.2	5378008	FDSN	MN	--	BUD	iLoc	BHZ BHZ _
BLY	1.38	143.4	Lg	14:05:14.649	0.2	T__		---			5378007	FDSN	MN	--	BUD	iLoc	BHE ??? _
	(Reading ML: 2.2 magdef=1)																
	(Station ML: 2.2 magdef=1)																
ARSA	1.43	346.1	Pn	14:04:56.462	-0.0	T__	61.2	---	ML	2.1	5378009	FDSN	OE	--	BUD	iLoc	BHZ BHZ _
ARSA	1.43	346.1	Lg	14:05:14.697	-0.6	T__		---			5378010	FDSN	OE	--	BUD	iLoc	BHN ??? _
	(Reading ML: 2.1 magdef=1)																
	(Station ML: 2.1 magdef=0)																
TIH	1.66	50.6	Pn	14:04:59.896	0.8	T__	431.2	---	ML	3.1	5378011	FDSN	HU	--	BUD	iLoc	HHZ HHZ _
	(Reading ML: 3.1 magdef=1)																
	(Station ML: 3.1 magdef=0)																
MPLH	1.67	38.1	Pn	14:04:59.461	0.0	T__	47.5	---	ML	2.1	5378012	FDSN	HU	--	BUD	iLoc	BHZ BHZ _
	(Reading ML: 2.1 magdef=1)																
	(Station ML: 2.1 magdef=0)																
A266A	1.69	66.1	Pn	14:04:59.927	0.4	T__	207.4	---	ML	2.8	5378017	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
	(Reading ML: 2.8 magdef=1)																
	(Station ML: 2.8 magdef=1)																
MORH	1.86	78.2	Pg	14:05:05.393	0.4	T__	45.7	---	ML	2.2	5378021	FDSN	HU	--	BUD	iLoc	BHZ BHZ _
	(Reading ML: 2.2 magdef=1)																
	(Station ML: 2.2 magdef=0)																
CONA	2.07	356.9	Pn	14:05:04.975	-0.4	T__	75.3	---	ML	2.5	5378013	FDSN	OE	--	BUD	iLoc	BHZ BHZ _
	(Reading ML: 2.5 magdef=1)																
CONA	2.07	356.9	Pg	14:05:09.915	1.3	T__		---			5378018	FDSN	OE	--	BUD	iLoc	BHZ ??? _
	(Station ML: 2.5 magdef=1)																
AO13A	2.24	349.3	Pn	14:05:07.890	0.2	T__	88.9	---	ML	2.7	5378019	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
	(Reading ML: 2.7 magdef=1)																
	(Station ML: 2.7 magdef=1)																
AO07A	2.87	353.4	Pn	14:05:16.015	-0.4	T__	62.6	---	ML	2.9	5378020	FDSN	Z3	00	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
2020/03/22	14:16:05.07	1.04	0.70	45.9022	16.0083	6.5	4.6	122	3.6	8.1	14	8	100	0.03	1.42	ke	BUD	16000424	BUD		148	

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	7 BUD	16000424

Sta	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	279.6	Pg	14:16:06.317	-0.1					T__		4686.1		___	ML	2.1	5378116	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	279.6	Lg	14:16:07.042	-0.6					T__				---		5378117	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ZAG	0.08	191.2	Pg	14:16:07.115	0.2					T__		9044.7		___	ML	2.5	5378119	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	191.2	Lg	14:16:08.227	-0.0					T__				---		5378118	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
CRES	0.39	259.0	Pg	14:16:12.968	0.2					T__		613.0		___	ML	2.2	5378120	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	259.0	Lg	14:16:18.627	0.0					T__				---		5378121	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
KOGS	0.57	17.0	Pg	14:16:16.499	0.1					T__		791.3		___	ML	2.7	5378123	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.57	17.0	Lg	14:16:24.359	0.5					T__				---		5378122	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
BEHE	0.78	42.9	Pg	14:16:20.126	-0.5					T__		104.0		___	ML	2.0	5378124	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
OBKA	1.18	301.4	Pg	14:16:25.943	-1.4					T__		84.6		___	ML	2.1	5378125	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.18	301.4	Lg	14:16:44.081	0.8					T__				---		5378126	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ARSA	1.39	346.2	Pn	14:16:31.070	0.2					T__		58.3		___	ML	2.0	5378129	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.39	346.2	Lg	14:16:50.321	1.0					T__				---		5378128	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
BLY	1.42	143.9	Sn	14:16:49.934	-0.5					T__				---		5378127	FDSN	MN	--	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
2020/03/22	15:15:12.19	0.82	0.88	45.8613	16.0134	7.3	5.5	139	4.1	7.3	43	29	65	0.04	3.47	ke	BUD	16000430	BUD		122	

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	28 BUD	16000430

Sta	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	208.3	Pg	15:15:14.212	0.8					T__		128151.2		___	ML	3.5	5378576	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.04	208.3	Lg	15:15:15.243	0.9					T__				---		5378577	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.5 magdef=1)																									
(Station ML: 3.5 magdef=0)																									
PTJ	0.06	325.3	Pg	15:15:13.568	-0.4					T__		152791.5		___	ML	3.6	5378579	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_

PTJ	0.06	325.3	Lg	15:15:14.599	-0.9	T__			5378578	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.6 magdef=1)																		
(Station ML: 3.6 magdef=0)																		
CRES	0.39	265.0	Pg	15:15:20.138	0.3	T__	3227.1	___	ML	2.9	5378580	FDSN	SL	--	BUD	iLoc	BHZ BHZ _	
CRES	0.39	265.0	Lg	15:15:25.387	-0.2	T__		___		5378581	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.9 magdef=1)																		
(Station ML: 2.9 magdef=1)																		
KOGS	0.61	15.6	Pg	15:15:24.066	-0.2	T__	6734.1	___	ML	3.7	5378582	FDSN	SL	--	BUD	iLoc	BHZ BHZ _	
KOGS	0.61	15.6	Lg	15:15:32.261	0.1	T__		___		5378599	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 3.7 magdef=1)																		
(Station ML: 3.7 magdef=0)																		
BEHE	0.81	40.7	Lg	15:15:39.517	0.6	T__		___		5378600	FDSN	HU	--	BUD	iLoc	BHE	???	_
A264A	0.94	71.0	Pg	15:15:30.581	-0.1	T__	887.6	___	ML	3.0	5378602	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _	
A264A	0.94	71.0	Lg	15:15:43.821	0.8	T__		___		5378603	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.0 magdef=1)																		
(Station ML: 3.0 magdef=1)																		
A263A	1.19	48.7	Pn	15:15:34.143	-0.7	T__	484.7	___	ML	2.8	5378605	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _	
A263A	1.19	48.7	Sn	15:15:50.931	-0.3	T__		___		5378606	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.8 magdef=1)																		
(Station ML: 2.8 magdef=1)																		
OBKA	1.21	303.0	Pn	15:15:35.209	-0.7	T__	233.0	___	ML	2.5	5378583	FDSN	OE	--	BUD	iLoc	BHZ BHZ _	
(Reading ML: 2.5 magdef=1)																		
OBKA	1.21	303.0	Lg	15:15:50.561	-0.6	T__		___		5378604	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Station ML: 2.5 magdef=0)																		
A010A	1.21	2.1	Pn	15:15:36.200	0.9	T__	637.8	___	ML	3.0	5378607	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _	
(Reading ML: 3.0 magdef=1)																		
(Station ML: 3.0 magdef=1)																		
A261A	1.34	35.3	Pn	15:15:36.406	-0.5	T__	403.2	___	ML	2.9	5378608	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _	
(Reading ML: 2.9 magdef=1)																		
(Station ML: 2.9 magdef=1)																		
A265A	1.36	64.9	Pn	15:15:36.010	-1.0	T__	541.0	___	ML	3.0	5378609	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _	
(Reading ML: 3.0 magdef=1)																		
(Station ML: 3.0 magdef=1)																		
BLY	1.39	143.0	Pn	15:15:36.948	-1.0	T__	167.2	___	ML	2.5	5378584	FDSN	MN	--	BUD	iLoc	BHZ BHZ _	
BLY	1.39	143.0	Lg	15:15:57.236	0.5	T__		___		5378585	FDSN	MN	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.5 magdef=1)																		
(Station ML: 2.5 magdef=0)																		
ARSA	1.43	346.5	Pn	15:15:38.107	-0.4	T__	256.4	___	ML	2.7	5378587	FDSN	OE	--	BUD	iLoc	BHZ BHZ _	
ARSA	1.43	346.5	Lg	15:15:57.847	0.1	T__		___		5378586	FDSN	OE	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.7 magdef=1)																		
(Station ML: 2.7 magdef=1)																		
MPLH	1.68	38.3	Pn	15:15:40.216	-1.3	T__	131.4	___	ML	2.6	5378588	FDSN	HU	--	BUD	iLoc	BHZ BHZ _	
(Reading ML: 2.6 magdef=1)																		
(Station ML: 2.6 magdef=0)																		
SOP	1.86	11.4	Pn	15:15:44.725	0.5	T__	161.9	___	ML	2.7	5378589	FDSN	HU	--	BUD	iLoc	BHZ BHZ _	
(Reading ML: 2.7 magdef=1)																		
SOP	1.86	11.4	Pg	15:15:47.914	0.8	T__		___		5378610	FDSN	HU	--	BUD	iLoc	BHZ	???	_
SOP	1.86	11.4	Lg	15:16:10.874	-1.1	T__		___		5378590	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML: 2.7 magdef=1)																		
MORH	1.87	78.1	Pn	15:15:42.599	-1.3	T__	54.2	___	ML	2.3	5378591	FDSN	HU	--	BUD	iLoc	BHZ BHZ _	
MORH	1.87	78.1	Lg	15:16:11.840	-0.3	T__		___		5378592	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.3 magdef=1)																		
(Station ML: 2.3 magdef=0)																		

CONA	2.07	357.2	Pn	15:15:47.365	-0.1	T__	105.4	___	ML	2.7	5378593	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
HU22A	2.22	76.7	Pn	15:15:47.891	-0.8	T__	294.4	___	ML	3.2	5378611	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
A013A	2.24	349.5	Pn	15:15:48.371	-1.3	T__	147.9	___	ML	2.9	5378612	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
ZST	2.45	17.3	Pn	15:15:52.404	0.0	T__	11931.0	___	ML	4.9	5378613	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.9 magdef=1)																			
(Station ML: 4.9 magdef=0)																			
A008A	2.52	354.5	Pn	15:15:54.094	0.6	T__	76.5	___	ML	2.8	5378614	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
A007A	2.88	353.6	Pn	15:15:58.446	-0.1	T__	71.2	___	ML	3.0	5378615	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
A006A	2.88	0.1	Pg	15:16:06.782	1.1	T__	110.1	___	ML	3.1	5378616	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=1)																			
A001A	2.90	7.6	Pn	15:15:58.890	0.2	T__	110.0	___	ML	3.2	5378617	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
BBL5	3.13	128.4	Pn	15:16:02.243	0.1	T__	253.4	___	ML	3.6	5378594	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=0)																			
CKRC	3.18	339.2	Pn	15:16:02.758	0.1	T__	137.4	___	ML	3.4	5378595	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.4 magdef=1)																			
CKRC	3.18	339.2	Pg	15:16:12.522	2.8	T__					5378618	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
CKRC	3.18	339.2	Sn	15:16:42.561	1.6	T__					5378598	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML: 3.4 magdef=1)																			
JAVC	3.20	20.0	Pn	15:16:03.080	0.1	T__	94.8	___	ML	3.3	5378596	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=1)																			
KRUC	3.21	4.5	Pn	15:16:02.114	-0.9	T__	73.4	___	ML	3.2	5378597	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
VRAC	3.47	6.3	Pn	15:16:05.931	-0.7	T__	60.0	___	ML	3.2	5378601	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 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
2020/03/22	15:45:00.09	1.39	0.96	45.9398	16.1159	10.4	7.6	114	1.0f		10	5	208	0.11	1.23		ke BUD	16000432	BUD			280

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	5 BUD	16000432

Sta	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	0.11	252.4	Pg	15:45:03.072	0.4					T__		6066.6		___	ML	2.4	5378726	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.11	252.4	Lg	15:45:04.015	-0.9					T__				---		5378725	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.4 magdef=1)																									

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(Station ML: 2.4 magdef=1
ZAG 0.14 218.6 Pg 15:45:03.640 0.5 T__ 2595.3 ___ ML 2.1 5378723 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.14 218.6 Lg 15:45:04.523 -0.8 T__ ___ 5378724 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CRES 0.47 256.3 Pg 15:45:10.206 0.9 T__ 291.8 ___ ML 2.1 5378727 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.47 256.3 Lg 15:45:16.131 -0.2 T__ ___ 5378728 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
KOGS 0.52 10.4 Pn 15:45:14.245 -0.5 T__ 463.6 ___ ML 2.4 5378730 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.52 10.4 Sn 15:45:24.306 0.1 T__ ___ 5378729 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
OBKA 1.23 298.2 Pn 15:45:26.180 1.7 T__ 95.4 ___ ML 2.2 5378731 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.23 298.2 Sn 15:45:40.933 -0.7 T__ ___ 5378732 FDSN OE -- 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
2020/03/22	18:21:21.73	1.51	0.65	45.8571	16.0170	15.1	5.3	140	1.0f		12	7	136	0.04	1.86	ke	BUD	16000440	BUD			199

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	5 BUD	16000440

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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
ZAG 0.04 214.9 Pg 18:21:23.429 0.8 T__ 5600.4 ___ ML 2.2 5379453 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.04 214.9 Lg 18:21:24.251 0.8 T__ ___ 5379452 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PTJ 0.06 325.6 Pg 18:21:22.897 -0.5 T__ 3833.0 ___ ML 2.1 5379450 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.06 325.6 Lg 18:21:23.816 -1.1 T__ ___ 5379451 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CRES 0.39 265.7 Pg 18:21:29.572 0.2 T__ 422.6 ___ ML 2.0 5379454 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.39 265.7 Lg 18:21:34.941 -0.3 T__ ___ 5379455 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
KOGS 0.61 15.3 Pg 18:21:33.732 -0.1 T__ 566.6 ___ ML 2.6 5379457 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.61 15.3 Lg 18:21:42.051 0.2 T__ ___ 5379456 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
OBKA 1.21 303.1 Pg 18:21:45.195 0.5 T__ 84.7 ___ ML 2.1 5379459 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.21 303.1 Lg 18:22:00.529 -0.3 T__ ___ 5379458 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ARSA 1.43 346.4 Sn 18:22:08.050 0.5 T__ ___ 5379460 FDSN OE -- BUD iLoc BHN ??? _
MORH 1.86 78.0 Lg 18:22:22.246 0.4 T__ ___ 5379461 FDSN HU -- 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
2020/03/22	18:43:26.81	2.09	0.88	45.7601	16.0401	14.1	6.6	141	1.0f		13	8	204	0.08	3.31	ke	BUD	16000442	BUD			267

Magnitude Err Nsta Author OrigID
 ML 2.2 0.1 8 BUD 16000442

Sta	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	0.08	331.0	Pg	18:43:29.757	1.2					T__		3953.5		---	ML	2.1	5379538	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	331.0	Lg	18:43:30.869	1.0					T__				---		5379539	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
PTJ	0.16	341.1	Pg	18:43:30.055	-0.3					T__		2597.6		---	ML	2.1	5379548	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.16	341.1	Lg	18:43:31.546	-1.6					T__				---		5379540	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Station ML: 2.1 magdef=1)																									
CRES	0.41	279.4	Pg	18:43:35.082	0.2					T__		129.4		---	ML	1.6	5379549	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.41	279.4	Lg	18:43:40.108	-0.9					T__				---		5379541	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Station ML: 1.6 magdef=0)																									
KOGS	0.70	11.9	Pg	18:43:40.737	0.0					T__		485.0		---	ML	2.6	5379543	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.70	11.9	Lg	18:43:49.492	-0.3					T__				---		5379542	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
OBKA	1.28	306.4	Pn	18:43:51.281	-0.7					T__		102.0		---	ML	2.2	5379544	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.28	306.4	Lg	18:44:07.775	-0.4					T__				---		5379545	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
ARSA	1.53	346.7	Pg	18:43:55.876	0.4					T__		62.7		---	ML	2.1	5379546	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MORH	1.87	75.0	Pn	18:43:58.711	-0.3					T__		62.0		---	ML	2.3	5379550	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
KRUC	3.31	4.0	Pn	18:44:18.465	-1.0					T__		49.1		---	ML	3.0	5379547	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 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
 2020/03/22 21:01:00.78 1.03 0.52 45.8885 16.0228 6.4 4.4 120 1.0f 14 9 102 0.04 1.83 ke BUD 16000448 BUD 160

Magnitude Err Nsta Author OrigID
 ML 2.1 0.1 8 BUD 16000448

Sta	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	0.04	295.8	Pg	21:01:01.921	-0.2					T__		2676.0		---	ML	1.8	5382321	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	295.8	Lg	21:01:02.912	-0.5					T__				---		5382322	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ZAG	0.07	202.2	Pg	21:01:02.283	-0.0					T__		4343.1		---	ML	2.1	5382320	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	202.2	Lg	21:01:03.517	0.0					T__				---		5382319	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
CRES	0.40	261.2	Pg	21:01:08.813	0.2					T__		502.3		---	ML	2.1	5382324	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	261.2	Lg	21:01:14.618	0.1					T__				---		5382323	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOGS 0.58 15.7 Pg 21:01:11.957 -0.4 T__ 486.7 ___ ML 2.5 5382325 FDSN SL -- BUD iLoc BHZ BHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
BEHE 0.78 41.7 Pg 21:01:16.964 0.5 T__ 78.8 ___ ML 1.8 5382326 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
OBKA 1.20 301.8 Pg 21:01:24.340 0.8 T__ 100.9 ___ ML 2.2 5382327 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.20 301.8 Lg 21:01:39.764 0.3 T__ ___ 5382328 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BLY 1.40 143.9 Lg 21:01:45.133 -1.0 T__ ___ 5382329 FDSN MN -- BUD iLoc BHE ??? _
ARSA 1.41 346.0 Pn 21:01:27.624 0.5 T__ ___ ML 2.1 5382331 FDSN OE -- BUD iLoc BHZ BHZ _
ARSA 1.41 346.0 Lg 21:01:45.327 -0.2 T__ ___ 5382330 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
SOP 1.83 11.4 Pg 21:01:35.846 0.4 T__ 81.8 ___ ML 2.4 5382332 FDSN HU -- BUD iLoc BHZ BHZ _
(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
2020/03/22 21:41:31.19 1.06 0.80 45.8915 16.0020 6.0 3.5 81 1.0f 10 6 172 0.03 1.40 ke BUD 16000452 BUD 243

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Magnitude Err Nsta Author OrigID
ML 1.9 0.5 4 BUD 16000452

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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 0.03 303.1 Pg 21:41:31.788 -0.5 T__ 983.3 ___ ML 1.4 5382444 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.03 303.1 Lg 21:41:32.611 -0.8 T__ ___ 5382443 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ZAG 0.07 189.2 Pg 21:41:32.562 -0.1 T__ 1636.5 ___ ML 1.7 5382445 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.07 189.2 Lg 21:41:33.288 -0.6 T__ ___ 5382446 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CRES 0.39 260.4 Pg 21:41:39.479 0.7 T__ 452.9 ___ ML 2.0 5382447 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.39 260.4 Lg 21:41:44.993 0.5 T__ ___ 5382448 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOGS 0.58 17.1 Pg 21:41:42.913 0.2 T__ 471.9 ___ ML 2.5 5382450 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.58 17.1 Lg 21:41:50.798 0.4 T__ ___ 5382449 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
OBKA 1.18 302.0 Lg 21:42:10.146 0.7 T__ ___ 5382451 FDSN OE -- BUD iLoc BHN ??? _
ARSA 1.40 346.5 Sn 21:42:17.401 1.3 T__ ___ 5382452 FDSN OE -- 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
2020/03/22 21:43:52.77 1.04 0.77 45.9022 16.0040 5.1 3.9 76 1.0f 10 6 115 0.03 0.93 ke BUD 16000454 BUD 185

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Magnitude Err Nsta Author OrigID
ML 2.2 0.4 4 BUD 16000454

Sta	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	280.8	Pg	21:43:53.680	-0.1					T__		3149.7		___	ML	1.9	5382522	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	280.8	Lg	21:43:54.623	-0.2					T__				---		5382523	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
ZAG	0.08	189.0	Pg	21:43:54.430	-0.0					T__		7142.0		___	ML	2.4	5382521	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	189.0	Lg	21:43:55.687	-0.1					T__				---		5382520	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									
CRES	0.39	258.9	Pg	21:44:00.403	0.0					T__		372.6		___	ML	2.0	5382524	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	258.9	Lg	21:44:06.788	0.7					T__				---		5382525	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
KOGS	0.57	17.3	Pg	21:44:03.958	-0.2					T__		594.7		___	ML	2.6	5382527	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.57	17.3	Lg	21:44:12.181	0.6					T__				---		5382526	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1)																									
BEHE	0.78	43.1	Sn	21:44:21.123	-1.7					T__				---		5382528	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A264A	0.93	73.5	Sn	21:44:25.705	-0.6					T__				---		5382529	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
2020/03/22	21:55:07.46	1.13	0.73	45.8680	16.0428	9.0	4.6	145	1.0f		14	9	79	0.06	1.84	ke	BUD	16000456	BUD			145

Magnitude Err Nsta Author OrigID
ML 2.2 0.1 5 BUD 16000456

Sta	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	223.6	Pg	21:55:09.470	0.7					T__		11068.6		___	ML	2.5	5382620	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.06	223.6	Lg	21:55:10.656	0.8					T__				---		5382619	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=1)																									
PTJ	0.07	306.8	Pg	21:55:08.745	-0.5					T__		2112.4		___	ML	1.8	5382617	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.07	306.8	Lg	21:55:09.785	-1.1					T__				---		5382618	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
CRES	0.41	264.3	Pg	21:55:15.492	0.0					T__		531.4		___	ML	2.2	5382621	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.41	264.3	Lg	21:55:21.321	-0.2					T__				---		5382622	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
KOGS	0.60	13.9	Pg	21:55:19.048	-0.2					T__		565.3		___	ML	2.6	5382624	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.60	13.9	Lg	21:55:26.666	-0.5					T__				---		5382623	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=0)																									
A264A	0.92	71.0	Lg	21:55:38.725	1.0					T__				---		5382630	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
OBKA	1.22	302.3	Pg	21:55:31.309	0.8					T__		117.0		___	ML	2.2	5382625	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.22	302.3	Lg	21:55:47.888	1.0					T__				---		5382626	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
BLY	1.38	143.9	Lg	21:55:51.419	-0.6					T__				---		5382627	FDSN	MN	--	BUD	iLoc	BHE	???	_	

ARSA	1.43	345.7	Lg	21:55:53.064	0.1	T__	---	5382628	FDSN	OE	--	BUD	iLoc	BHE	???	_
MORH	1.84	78.2	Lg	21:56:07.187	0.2	T__	---	5382629	FDSN	HU	--	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
2020/03/22	23:01:41.07	1.07	0.56	45.8939	16.0085	5.9	3.6	83	1.0f	10	6	175	0.03	1.40	ke	BUD	16000458	BUD			243	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	4 BUD	16000458

Sta	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	294.9	Pg	23:01:41.886	-0.3					T__		1565.9		---	ML	1.6	5383002	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	294.9	Lg	23:01:43.047	-0.3					T__				---		5383003	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
ZAG	0.07	192.7	Pg	23:01:42.515	-0.1					T__		2207.7		---	ML	1.8	5383005	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	192.7	Lg	23:01:43.627	-0.2					T__				---		5383004	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
CRES	0.39	260.2	Pg	23:01:49.238	0.5					T__		459.7		---	ML	2.1	5383006	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	260.2	Lg	23:01:54.462	-0.0					T__				---		5383007	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
KOGS	0.58	16.8	Pg	23:01:52.431	-0.1					T__		472.6		---	ML	2.5	5383009	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.58	16.8	Lg	23:02:00.653	0.5					T__				---		5383008	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 2.5 magdef=1)																					
				(Station ML: 2.5 magdef=1)																					
OBKA	1.19	301.8	Lg	23:02:20.050	0.6					T__				---		5383010	FDSN	OE	--	BUD	iLoc	BHN	???	_	
ARSA	1.40	346.3	Sn	23:02:26.918	1.0					T__				---		5383011	FDSN	OE	--	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	
2020/03/22	23:44:32.82	1.12	0.74	45.8706	16.0124	10.7	4.6	149	3.6	8.6	20	12	71	0.05	1.85	ke	BUD	16000464	BUD			130	

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.1	11 BUD	16000464

Sta	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	0.05	202.2	Pg	23:44:34.440	0.3					T__		7120.9		---	ML	2.3	5383264	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.05	202.2	Lg	23:44:36.181	1.1					T__				---		5383265	FDSN	CR	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 2.3 magdef=1)																					
				(Station ML: 2.3 magdef=1)																					
PTJ	0.05	319.6	Pg	23:44:33.972	-0.4					T__		4584.9		---	ML	2.1	5383280	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 2.1 magdef=1)																					
PTJ	0.05	319.6	Lg	23:44:35.359	-0.5					T__				---		5383266	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Station ML: 2.1 magdef=0)																					
CRES	0.39	263.6	Pg	23:44:40.921	0.5					T__		667.7		---	ML	2.2	5383267	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	263.6	Lg	23:44:45.516	-0.7					T__				---		5383268	FDSN	SL	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
KOGS	0.60	15.9	Pg	23:44:44.210	-0.5					T__		1086.6		---	ML	2.9	5383270	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.60	15.9	Lg	23:44:52.675	0.2					T__				---		5383269	FDSN	SL	--	BUD	iLoc	BHN	???	_	

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(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
BEHE 0.80 41.2 Pg 23:44:48.660 -0.1 T__ 77.6 ___ ML 1.8 5383271 FDSN HU -- BUD iLoc BHZ BHZ _
BEHE 0.80 41.2 Lg 23:45:00.221 0.9 T__ ___ 5383272 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
A264A 0.94 71.5 Lg 23:45:04.447 0.9 T__ ___ 5383281 FDSN Z3 00 BUD iLoc HHN ??? _
OBKA 1.20 302.7 Pn 23:44:56.254 -0.3 T__ ___ ML 2.3 5383274 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.20 302.7 Lg 23:45:11.491 -0.1 T__ ___ 5383273 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A010A 1.20 2.2 Pg 23:44:55.533 -0.1 T__ 157.9 ___ ML 2.4 5383282 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
BLY 1.39 143.2 Pn 23:44:57.367 -1.3 T__ 80.7 ___ ML 2.2 5383275 FDSN MN -- BUD iLoc BHZ BHZ _
BLY 1.39 143.2 Sn 23:45:16.618 -1.0 T__ ___ 5383276 FDSN MN -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
ARSA 1.42 346.4 Pn 23:44:58.286 -0.8 T__ 70.2 ___ ML 2.1 5383278 FDSN OE -- BUD iLoc BHZ BHZ _
ARSA 1.42 346.4 Lg 23:45:18.553 0.5 T__ ___ 5383277 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A019A 1.70 338.3 Pg 23:45:05.050 0.7 T__ 83.4 ___ ML 2.4 5383283 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
SOP 1.85 11.5 Pn 23:45:04.671 -0.1 T__ 77.4 ___ ML 2.4 5383279 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 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
2020/03/23 00:04:22.85 1.03 0.41 45.8990 16.0090 5.4 3.8 82 1.0f 9 5 112 0.03 1.86 ke BUD 16000466 BUD 180

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 5 BUD 16000466

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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 0.03 285.6 Pg 00:04:23.956 -0.0 T__ 2376.8 ___ ML 1.8 5383349 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.03 285.6 Lg 00:04:24.779 -0.3 T__ ___ 5383350 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
ZAG 0.07 192.1 Pg 00:04:24.634 0.1 T__ 1880.9 ___ ML 1.8 5383352 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.07 192.1 Lg 00:04:25.432 -0.4 T__ ___ 5383351 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CRES 0.39 259.5 Pg 00:04:30.728 0.2 T__ 368.2 ___ ML 2.0 5383353 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.39 259.5 Lg 00:04:36.678 0.4 T__ ___ 5383354 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOGS 0.57 16.9 Pg 00:04:34.211 -0.0 T__ 409.9 ___ ML 2.4 5383356 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.57 16.9 Lg 00:04:42.119 0.3 T__ ___ 5383355 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0

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MORH 1.86 79.3 Pn 00:04:54.175 -0.7 T__ 20.7 ___ ML 1.9 5383357 FDSN HU -- BUD iLoc BHZ BHZ _
 (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
2020/03/23	00:46:51.21	2.63	0.22	45.8981	16.0178	13.7	3.9	70	0.3	6.9	9	5	123	0.04	0.92	ke	BUD	16000468	BUD		186	

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.4	4 BUD	16000468

Sta	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	0.04	284.4	Pg	00:46:52.470	0.0					T__		878.3		___	ML	1.3	5383429	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	284.4	Lg	00:46:53.679	-0.0					T__				---		5383428	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
ZAG	0.07	196.9	Pg	00:46:53.002	0.1					T__		3654.6		___	ML	2.1	5383426	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	196.9	Lg	00:46:54.018	-0.3					T__				---		5383427	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
CRES	0.40	259.8	Pg	00:46:59.097	0.1					T__		551.4		___	ML	2.1	5383430	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	259.8	Lg	00:47:04.950	0.1					T__				---		5383431	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
KOGS	0.57	16.3	Pg	00:47:02.628	-0.1					T__		552.8		___	ML	2.6	5383433	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.57	16.3	Lg	00:47:10.464	0.0					T__				---		5383432	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1																									
A264A	0.92	73.1	Lg	00:47:22.590	0.4					T__				---		5383434	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
2020/03/23	02:00:30.39	0.94	1.06	45.8419	16.0142	7.7	6.9	39	6.8	8.9	84	49	89	0.02	4.77	ke	BUD	16000474	BUD		125	

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.2	47 BUD	16000474

Sta	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	232.0	Pg	02:00:32.337	0.5					T__		134576.9		___	ML	3.5	5384134	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.5 magdef=1																									
ZAG	0.02	232.0	Lg	02:00:33.274	0.3					T__				---		5384168	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Station ML: 3.5 magdef=0																									
PTJ	0.07	333.6	Pg	02:00:31.685	-1.0					T__		123392.0		___	ML	3.6	5384133	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.6 magdef=1																									
PTJ	0.07	333.6	Lg	02:00:32.771	-1.9					T__				---		5384167	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Station ML: 3.6 magdef=0																									
CRES	0.39	267.9	Pg	02:00:38.067	-0.0					T__		9690.4		___	ML	3.4	5384135	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	267.9	Lg	02:00:44.073	0.2					T__				---		5384147	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=1																									
KOGS	0.63	15.1	Pg	02:00:41.738	-1.1					T__		28196.8		___	ML	4.3	5384136	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.63	15.1	Lg	02:00:50.275	-0.7					T__				---		5384148	FDSN	SL	--	BUD	iLoc	BHE	???	_	

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(Reading ML: 4.3 magdef=1
(Station ML: 4.3 magdef=0
BEHE 0.82 39.8 Pn 02:00:47.352 -0.4 T__ 1236.6 ___ ML 3.0 5384137 FDSN HU -- BUD iLoc BHZ BHZ _
BEHE 0.82 39.8 Sn 02:00:57.823 -2.5 T__ ___ 5384149 FDSN HU -- BUD iLoc BHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
A264A 0.94 69.9 Pn 02:00:48.633 -0.7 T__ 1297.4 ___ ML 3.1 5384173 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.94 69.9 Sn 02:01:01.953 -1.1 T__ ___ 5384174 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=1
A262A 1.08 19.0 Pn 02:00:50.526 -0.8 T__ 1490.7 ___ ML 3.3 5384175 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=1
A263A 1.21 48.0 Pn 02:00:51.888 -1.0 T__ 1140.9 ___ ML 3.2 5384176 FDSN Z3 00 BUD iLoc HHZ HHZ _
A263A 1.21 48.0 Lg 02:01:08.388 -1.3 T__ ___ 5384177 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
OBKA 1.22 303.8 Pn 02:00:53.165 -0.8 T__ 1149.9 ___ ML 3.2 5384138 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.22 303.8 Lg 02:01:09.037 -0.7 T__ ___ 5384179 FDSN OE -- BUD iLoc BHN ??? _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
A010A 1.23 2.1 Pn 02:00:52.719 -0.7 T__ 1789.8 ___ ML 3.4 5384178 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=1
A273A 1.26 86.0 Pn 02:00:52.864 -0.7 T__ 912.1 ___ ML 3.2 5384180 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 1.26 86.0 Sn 02:01:09.691 -0.8 T__ ___ 5384181 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
A265A 1.37 64.2 Pn 02:00:54.176 -0.8 T__ 1348.4 ___ ML 3.4 5384182 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 1.37 64.2 Sn 02:01:12.050 -1.1 T__ ___ 5384183 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=1
BLY 1.37 142.5 Pn 02:00:55.268 -0.3 T__ 457.8 ___ ML 2.9 5384139 FDSN MN -- BUD iLoc BHZ BHZ _
BLY 1.37 142.5 Lg 02:01:14.534 0.3 T__ ___ 5384150 FDSN MN -- BUD iLoc BHE ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
ARSA 1.45 346.7 Pn 02:00:55.967 -0.7 T__ 479.3 ___ ML 3.0 5384140 FDSN OE -- BUD iLoc BHZ BHZ _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
ARSA 1.45 346.7 Lg 02:01:15.590 -0.9 T__ ___ 5384169 FDSN OE -- BUD iLoc BHN ??? _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=1
A260A 1.52 18.1 Pn 02:00:55.236 -2.1 T__ 826.1 ___ ML 3.3 5384184 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 1.52 18.1 Sn 02:01:15.604 -1.3 T__ ___ 5384185 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
MPLH 1.70 37.9 Pn 02:00:58.995 -0.6 T__ 371.6 ___ ML 3.0 5384141 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 1.70 37.9 Pg 02:01:04.085 1.8 T__ ___ 5384186 FDSN HU -- BUD iLoc BHZ ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
MPLH 1.70 37.9 Sn 02:01:20.241 -1.0 T__ ___ 5384170 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=1
A266A 1.71 65.6 Pn 02:00:58.680 -1.0 T__ 891.3 ___ ML 3.4 5384187 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 1.71 65.6 Sn 02:01:19.867 -1.6 T__ ___ 5384188 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=1

```

A019A	1.73	338.6	Pn	02:01:00.235	-0.6	T__	323.3	___	ML	3.0	5384189	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	1.73	338.6	Pg	02:01:02.554	0.4	T__		---			5384190	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
	(Reading ML: 3.0 magdef=1)																		
	(Station ML: 3.0 magdef=0)																		
EGYH	1.82	29.5	Pn	02:01:01.096	-0.3	T__	423.4	___	ML	3.1	5384142	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	1.82	29.5	Sn	02:01:24.140	0.0	T__		---			5384151	FDSN	HU	--	BUD	iLoc	HHE	???	_
	(Reading ML: 3.1 magdef=1)																		
	(Station ML: 3.1 magdef=1)																		
MORH	1.87	77.5	Pn	02:01:00.542	-1.3	T__	97.6	___	ML	2.5	5384144	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
	(Reading ML: 2.5 magdef=1)																		
	(Station ML: 2.5 magdef=0)																		
SOP	1.88	11.3	Pn	02:01:02.235	-0.1	T__	288.7	___	ML	3.0	5384143	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
	(Reading ML: 3.0 magdef=1)																		
	(Station ML: 3.0 magdef=0)																		
A018A	2.01	341.7	Pg	02:01:08.300	1.2	T__	236.9	___	ML	3.0	5384191	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	2.01	341.7	Lg	02:01:35.452	1.3	T__		---			5384192	FDSN	Z3	00	BUD	iLoc	HHN	???	_
	(Reading ML: 3.0 magdef=1)																		
	(Station ML: 3.0 magdef=0)																		
A267A	2.03	56.2	Lg	02:01:37.931	1.8	T__		---			5384193	FDSN	Z3	00	BUD	iLoc	HHN	???	_
HU08A	2.06	38.9	Pn	02:01:04.388	-0.3	T__	277.2	___	ML	3.1	5384194	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	2.06	38.9	Sn	02:01:29.966	-0.2	T__		---			5384195	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
	(Reading ML: 3.1 magdef=1)																		
	(Station ML: 3.1 magdef=1)																		
CONA	2.09	357.2	Pn	02:01:05.320	-0.3	T__	198.9	___	ML	3.0	5384145	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	2.09	357.2	Pg	02:01:10.293	1.1	T__		---			5384152	FDSN	OE	--	BUD	iLoc	BHZ	???	_
CONA	2.09	357.2	Sn	02:01:31.091	-0.5	T__		---			5384197	FDSN	OE	--	BUD	iLoc	BHE	???	_
CONA	2.09	357.2	Lg	02:01:38.657	1.6	T__		---			5384196	FDSN	OE	--	BUD	iLoc	BHE	???	_
	(Reading ML: 3.0 magdef=1)																		
	(Station ML: 3.0 magdef=0)																		
HU22A	2.22	76.2	Pn	02:01:06.025	-0.6	T__	381.1	___	ML	3.3	5384198	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	2.22	76.2	Sn	02:01:32.661	-1.4	T__		---			5384199	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU22A	2.22	76.2	Lg	02:01:43.586	1.7	T__		---			5384200	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
	(Reading ML: 3.3 magdef=1)																		
	(Station ML: 3.3 magdef=1)																		
A271A	2.35	55.0	Pg	02:01:17.223	2.7	T__	204.2	___	ML	3.1	5384201	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 3.1 magdef=1)																		
	(Station ML: 3.1 magdef=1)																		
A008A	2.54	354.5	Pn	02:01:11.987	0.4	T__	149.2	___	ML	3.1	5384202	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	2.54	354.5	Pg	02:01:17.799	0.8	T__		---			5384203	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
	(Reading ML: 3.1 magdef=1)																		
	(Station ML: 3.1 magdef=1)																		
BUD	2.64	50.5	Pn	02:01:11.613	-1.0	T__	115.6	___	ML	3.0	5384171	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
	(Reading ML: 3.0 magdef=1)																		
BUD	2.64	50.5	Pg	02:01:19.957	-0.2	T__	112.1	___	ML	3.0	5384153	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
	(Reading ML: 3.0 magdef=1)																		
	(Station ML: 3.0 magdef=0)																		
MODS	2.68	18.4	Pn	02:01:12.919	-0.5	T__		---			5384204	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	2.68	18.4	Pg	02:01:21.275	0.6	T__		---			5384154	FDSN	SK	--	BUD	iLoc	HHZ	???	_
FRGS	2.76	103.0	Pn	02:01:15.510	1.1	T__	122.4	___	ML	3.1	5384172	FDSN	SJ	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 3.1 magdef=1)																		
	(Station ML: 3.1 magdef=1)																		
A007A	2.89	353.6	Pn	02:01:16.702	0.0	T__	124.4	___	ML	3.2	5384205	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A007A	2.89	353.6	Sn	02:01:51.659	0.0	T__		---			5384207	FDSN	Z3	00	BUD	iLoc	HHN	???	_

A007A	2.89	353.6	Lg	02:02:03.808	1.5	T__		---	5384206	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
A006A	2.90	0.1	Pg	02:01:23.963	-0.1	T__	184.5	---	ML	3.4	5384208	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
A001A	2.91	7.5	Pn	02:01:17.086	0.3	T__	154.1	---	ML	3.3	5384209	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	2.91	7.5	Pg	02:01:25.112	0.4	T__		---			5384210	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=1)																			
BBL5	3.12	128.1	Pn	02:01:20.281	0.4	T__	554.5	---	ML	4.0	5384155	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 4.0 magdef=1)																			
(Station ML: 4.0 magdef=0)																			
CKRC	3.20	339.4	Pn	02:01:21.252	0.5	T__	215.7	---	ML	3.6	5384156	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
CKRC	3.20	339.4	Pg	02:01:30.324	2.3	T__		---			5384157	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=0)																			
JAVC	3.22	19.9	Pn	02:01:20.838	-0.3	T__	129.1	---	ML	3.4	5384158	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
KRUC	3.23	4.4	Pn	02:01:20.458	-0.7	T__	92.0	---	ML	3.3	5384159	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	3.23	4.4	Pg	02:01:29.313	-0.9	T__		---			5384160	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
KRUC	3.23	4.4	Sn	02:01:56.721	-2.6	T__		---			5384211	FDSN	CZ	--	BUD	iLoc	BHN	???	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=1)																			
PSZ	3.38	50.6	Pn	02:01:22.235	-0.8	T__	101.1	---	ML	3.4	5384146	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
VRAC	3.49	6.2	Pn	02:01:24.008	-0.8	T__	69.4	---	ML	3.3	5384161	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=1)																			
A331A	3.63	23.5	Pn	02:01:26.375	-0.2	T__	94.4	---	ML	3.5	5384212	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	3.63	23.5	Sn	02:02:07.839	-1.6	T__		---			5384213	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
HU02A	3.84	51.9	Pg	02:01:43.943	0.1	T__	58.5	---	ML	3.3	5384214	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=1)																			
BZS	3.93	91.3	Pn	02:01:29.733	-1.0	T__	44.9	---	ML	3.2	5384162	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
MORC	4.07	14.1	Pn	02:01:32.611	-0.3	T__	83.8	---	ML	3.5	5384163	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=0)																			
JOS	4.07	47.7	Pn	02:01:33.365	1.0	T__	64.0	---	ML	3.4	5384215	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
PRU	4.27	347.1	Pn	02:01:35.555	-0.0	T__	69.1	---	ML	3.5	5384164	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=0)																			
ABAH	4.33	53.6	Pn	02:01:36.206	0.3	T__	95.2	---	ML	3.7	5384216	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=0)																			

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DRGR  4.74 76.0 Pn      02:01:41.672 -0.4          T__          48.1      ___ ML    3.5 5384165   FDSN RO      -- BUD  iLoc  BHZ BHZ _
(Reading ML: 3.5 magdef=1
(Station ML: 3.5 magdef=1
GZR   4.77 93.0 Pn      02:01:42.021 -0.7          T__          59.2      ___ ML    3.6 5384166   FDSN RO      -- BUD  iLoc  BHZ BHZ _
(Reading ML: 3.6 magdef=1
(Station ML: 3.6 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
2020/03/23 04:15:37.47  1.16  0.70 45.8653 16.0394 12.2  4.7 145  2.2 12.6 25 16 80 0.05 2.87 ke BUD 16000476 BUD 145

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Magnitude  Err Nsta Author  OrigID
ML         2.3 0.1  15 BUD 16000476

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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
ZAG  0.05 223.7 Pg      04:15:39.574  0.8          T__          22237.4      ___ ML    2.8 5384412   FDSN CR      -- BUD  iLoc  BHZ BHZ _
ZAG  0.05 223.7 Lg      04:15:40.517  0.7          T__          ___          5384413   FDSN CR      -- BUD  iLoc  BHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
PTJ  0.07 309.9 Pg      04:15:38.908 -0.4          T__          25869.5      ___ ML    2.9 5384410   FDSN CR      -- BUD  iLoc  BHZ BHZ _
PTJ  0.07 309.9 Lg      04:15:39.840 -1.0          T__          ___          5384411   FDSN CR      -- BUD  iLoc  BHE ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
CRES 0.41 264.7 Pg      04:15:45.783  0.3          T__          869.0        ___ ML    2.4 5384414   FDSN SL      -- BUD  iLoc  BHZ BHZ _
CRES 0.41 264.7 Lg      04:15:51.273 -0.2          T__          ___          5384421   FDSN SL      -- BUD  iLoc  BHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KOGS 0.60 14.0 Pg      04:15:49.072 -0.3          T__          3504.2       ___ ML    3.4 5384415   FDSN SL      -- BUD  iLoc  BHZ BHZ _
KOGS 0.60 14.0 Lg      04:15:57.319  0.2          T__          ___          5384422   FDSN SL      -- BUD  iLoc  BHN ??? _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=0
BEHE 0.79 40.0 Pg      04:15:53.570  0.3          T__          216.8        ___ ML    2.3 5384416   FDSN HU      -- BUD  iLoc  BHZ BHZ _
BEHE 0.79 40.0 Lg      04:16:03.849  0.2          T__          ___          5384423   FDSN HU      -- BUD  iLoc  BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A263A 1.18 48.3 Sn      04:16:17.725  1.2          T__          ___          5384430   FDSN Z3      00 BUD  iLoc  HHN ??? _
OBKA 1.22 302.4 Pn      04:16:01.068 -0.5          T__          119.5        ___ ML    2.3 5384417   FDSN OE      -- BUD  iLoc  BHZ BHZ _
OBKA 1.22 302.4 Lg      04:16:17.223  0.3          T__          ___          5384424   FDSN OE      -- BUD  iLoc  BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
BLY  1.38 143.7 Pn      04:16:02.180 -1.1          T__          115.3        ___ ML    2.3 5384419   FDSN MN      -- BUD  iLoc  BHZ BHZ _
BLY  1.38 143.7 Sn      04:16:22.096 -0.0          T__          ___          5384425   FDSN MN      -- BUD  iLoc  BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
ARSA  1.43 345.8 Pn      04:16:03.099 -0.9          T__          68.0         ___ ML    2.1 5384418   FDSN OE      -- BUD  iLoc  BHZ BHZ _
ARSA  1.43 345.8 Sn      04:16:22.387 -0.5          T__          ___          5384426   FDSN OE      -- BUD  iLoc  BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
MPLH  1.67 37.9 Pn      04:16:06.654 -0.2          T__          71.0         ___ ML    2.3 5384420   FDSN HU      -- BUD  iLoc  BHZ BHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A019A 1.71 337.8 Pg      04:16:09.726  0.4          T__          59.3         ___ ML    2.2 5384431   FDSN Z3      00 BUD  iLoc  HHZ HHZ _
(Reading ML: 2.2 magdef=1

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(Station ML: 2.2 magdef=0
MORH 1.85 78.2 Pn 04:16:08.093 -1.0 T__ 22.9 ___ ML 1.9 5384428 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 1.9 magdef=1
MORH 1.85 78.2 Lg 04:16:37.852 0.9 T__ ___ 5384432 FDSN HU -- BUD iLoc BHE ??? _
(Station ML: 1.9 magdef=0
SOP 1.85 10.9 Pn 04:16:09.412 -0.2 T__ 62.4 ___ ML 2.3 5384427 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A018A 1.99 341.0 Pg 04:16:15.209 1.0 T__ 75.9 ___ ML 2.5 5384433 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
CONA 2.07 356.7 Pn 04:16:12.930 0.0 T__ 75.0 ___ ML 2.5 5384429 FDSN OE -- BUD iLoc BHZ BHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A007A 2.87 353.2 Pn 04:16:23.787 -0.2 T__ 76.4 ___ ML 3.0 5384434 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 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
2020/03/23 06:41:57.69 1.07 0.31 45.9025 16.0120 5.3 4.0 85 1.0f 8 4 176 0.03 0.57 ke BUD 16000478 BUD 274

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Magnitude Err Nsta Author OrigID
ML 2.1 0.2 4 BUD 16000478

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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 0.03 278.4 Pg 06:41:58.709 -0.1 T__ 2682.0 ___ ML 1.8 5384506 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.03 278.4 Lg 06:41:59.894 -0.1 T__ ___ 5384505 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ZAG 0.08 193.1 Pg 06:41:59.405 -0.0 T__ 3154.6 ___ ML 2.0 5384503 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.08 193.1 Lg 06:42:00.619 -0.1 T__ ___ 5384504 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CRES 0.40 259.0 Pg 06:42:05.529 0.1 T__ 505.1 ___ ML 2.1 5384508 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.40 259.0 Lg 06:42:11.478 0.2 T__ ___ 5384507 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOGS 0.57 16.8 Pg 06:42:08.770 -0.2 T__ 825.9 ___ ML 2.7 5384509 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.57 16.8 Lg 06:42:17.041 0.6 T__ ___ 5384510 FDSN SL -- BUD iLoc BHN ??? _
(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
2020/03/23 10:28:04.72 1.01 0.50 48.5357 20.7764 5.5 3.8 177 0.0f 11 7 108 0.16 0.94 sx BUD 16000482 BUD 183

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Magnitude Err Nsta Author OrigID
ML 1.5 0.3 7 BUD 16000482

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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 0.16 255.9 Pg 10:28:07.979 -0.2 T__ 310.1 ___ ML 1.2 5385184 FDSN ZJ -- BUD iLoc HHZ HHZ _

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.20 254.9 Pg 10:28:08.528 -0.4 T__ 697.3 ___ ML 1.7 5385176 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.20 254.9 Lg 10:28:12.784 0.5 T__ ___ 5385177 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.39 127.7 Pg 10:28:12.559 -0.2 T__ 117.5 ___ ML 1.5 5385178 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 127.7 Lg 10:28:19.817 0.2 T__ ___ 5385179 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.45 202.2 Pg 10:28:14.081 -0.1 T__ 51.8 ___ ML 1.3 5385185 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 202.2 Lg 10:28:21.632 0.1 T__ ___ 5385186 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.85 224.0 Pg 10:28:22.105 -0.6 T__ 84.0 ___ ML 1.9 5385180 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.85 224.0 Lg 10:28:36.569 1.0 T__ ___ 5385181 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
STHS 0.93 19.1 Pg 10:28:22.025 -0.1 T__ 85.0 ___ ML 1.9 5385182 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
NIE 0.94 340.6 Pn 10:28:24.149 -0.2 T__ 30.2 ___ ML 1.5 5385183 FDSN PL -- BUD iLoc BHZ BHZ _
(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
2020/03/23 14:50:35.02 1.08 0.80 45.8945 16.0157 5.9 3.7 87 1.0f 10 6 157 0.04 1.65 ke BUD 16000484 BUD 221

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.4 4 BUD 16000484

```

```

Sta 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 0.04 290.6 Pg 14:50:36.128 -0.1 T__ 1164.9 ___ ML 1.5 5385246 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.04 290.6 Lg 14:50:37.337 -0.1 T__ ___ 5385245 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ZAG 0.07 196.6 Pg 14:50:36.660 0.0 T__ 4251.9 ___ ML 2.1 5385243 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.07 196.6 Lg 14:50:37.579 -0.3 T__ ___ 5385244 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CRES 0.40 260.2 Pg 14:50:42.512 -0.2 T__ 348.7 ___ ML 1.9 5385247 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.40 260.2 Lg 14:50:49.091 0.5 T__ ___ 5385248 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOGS 0.58 16.3 Pg 14:50:46.237 -0.2 T__ 513.1 ___ ML 2.5 5385249 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.58 16.3 Lg 14:50:54.387 0.4 T__ ___ 5385250 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
OBKA 1.19 301.6 Lg 14:51:14.917 1.4 T__ ___ 5385252 FDSN OE -- BUD iLoc BHE ??? _
MPLH 1.65 39.0 Sn 14:51:27.278 1.3 T__ ___ 5385251 FDSN HU -- 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
2020/03/23	16:39:18.12	1.13	0.77	45.8934	16.0109	7.3	4.6	111	1.0f	11	6	177	0.03	1.40	ke	BUD	16000486	BUD				243

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	5 BUD	16000486

Sta	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	294.5	Pg	16:39:19.165	-0.1					T__		2785.8		___	ML	1.8	5385310	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	294.5	Lg	16:39:20.012	-0.5					T__				---		5385311	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ZAG	0.07	194.1	Pg	16:39:19.649	-0.0					T__		3612.0		___	ML	2.0	5385309	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	194.1	Lg	16:39:21.003	0.1					T__				---		5385308	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CRES	0.39	260.3	Pg	16:39:25.623	-0.2					T__		282.8		___	ML	1.8	5385312	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	260.3	Lg	16:39:31.572	-0.0					T__				---		5385313	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOGS	0.58	16.6	Pg	16:39:29.299	-0.3					T__		393.7		___	ML	2.4	5385315	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.58	16.6	Lg	16:39:37.594	0.4					T__				---		5385314	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
OBKA	1.19	301.8	Pg	16:39:41.609	0.9					T__		88.6		___	ML	2.1	5385316	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.19	301.8	Lg	16:39:58.018	1.5					T__				---		5385317	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ARSA	1.40	346.3	Sn	16:40:04.064	1.1					T__				---		5385318	FDSN	OE	--	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
2020/03/23	19:16:49.80	1.14	0.86	45.8842	16.0132	7.9	4.4	110	1.0f	11	6	181	0.04	1.41	ke	BUD	16000488	BUD				245

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	5 BUD	16000488

Sta	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	0.04	305.8	Pg	19:16:50.364	-0.7					T__		2284.2		___	ML	1.8	5385379	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	305.8	Lg	19:16:51.428	-0.9					T__				---		5385378	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ZAG	0.06	197.7	Pg	19:16:51.368	0.2					T__		11411.2		___	ML	2.5	5385376	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.06	197.7	Lg	19:16:52.480	0.2					T__				---		5385377	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
CRES	0.39	261.7	Pg	19:16:57.692	0.2					T__		479.0		___	ML	2.1	5385380	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	261.7	Lg	19:17:03.497	0.2					T__				---		5385381	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KOGS	0.59	16.2	Pg	19:17:01.925	0.5					T__		490.5		___	ML	2.5	5385383	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.59	16.2	Lg	19:17:08.261	-0.9					T__				---		5385382	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									

OBKA	1.19	302.1	Pg	19:17:13.654	1.2	T__	112.7	___	ML	2.2	5385384	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.19	302.1	Lg	19:17:29.749	1.4	T__		---			5385385	FDSN	OE	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
ARSA	1.41	346.3	Lg	19:17:34.876	0.3	T__		---			5385386	FDSN	OE	--	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
2020/03/23	21:14:10.93	1.17	0.55	45.8903	16.0205	7.9	4.4	113	1.0f		11	6	184	0.04	1.40	ke	BUD	16000492	BUD		245	

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	5 BUD	16000492

Sta	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	0.04	294.5	Pg	21:14:11.917	-0.3					T__		4128.2		___	ML	2.0	5385989	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	294.5	Lg	21:14:12.764	-0.8					T__				---		5385990	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ZAG	0.07	200.3	Pg	21:14:12.643	0.2					T__		4301.0		___	ML	2.1	5385992	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	200.3	Lg	21:14:13.658	-0.0					T__				---		5385991	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
CRES	0.40	260.9	Pg	21:14:18.713	-0.0					T__		313.9		___	ML	1.9	5385993	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	260.9	Lg	21:14:24.977	0.4					T__				---		5385994	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
KOGS	0.58	15.9	Pg	21:14:22.244	-0.2					T__		763.9		___	ML	2.7	5385996	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.58	15.9	Lg	21:14:30.346	0.3					T__				---		5385995	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
OBKA	1.19	301.7	Pg	21:14:34.530	0.9					T__		109.7		___	ML	2.2	5385997	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.19	301.7	Lg	21:14:50.238	0.7					T__				---		5385998	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
ARSA	1.40	346.0	Lg	21:14:55.946	0.4					T__				---		5385999	FDSN	OE	--	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
2020/03/23	23:06:25.10	1.25	0.72	45.8842	16.0298	8.9	4.6	117	1.0f		10	5	192	0.05	1.20	ke	BUD	16000494	BUD		265	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.5	5 BUD	16000494

Sta	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	0.05	297.9	Pg	23:06:26.187	-0.4					T__		1583.2		___	ML	1.6	5386058	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.05	297.9	Lg	23:06:27.300	-0.7					T__				---		5386057	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ZAG	0.06	207.6	Pg	23:06:26.937	0.4					T__		1178.1		___	ML	1.6	5386055	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.06	207.6	Lg	23:06:27.711	-0.0					T__				---		5386056	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									

```

CRES 0.40 261.9 Pg 23:06:33.031 0.0 T__ 337.1 ___ ML 2.0 5386059 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.40 261.9 Lg 23:06:38.836 -0.1 T__ ___ 5386060 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOGS 0.58 15.1 Pg 23:06:36.514 -0.2 T__ 463.3 ___ ML 2.5 5386062 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.58 15.1 Lg 23:06:44.616 0.3 T__ ___ 5386061 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
OBKA 1.20 301.8 Pg 23:06:48.752 0.8 T__ 144.6 ___ ML 2.3 5386063 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.20 301.8 Lg 23:07:05.451 1.5 T__ ___ 5386064 FDSN OE -- BUD iLoc BHE ??? _
(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
2020/03/24 05:12:40.84 2.59 0.59 45.9036 16.0223 14.2 4.1 74 0.3 6.8 9 5 181 0.04 1.19 ke BUD 16000498 BUD 256

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.4 4 BUD 16000498

```

```

Sta 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 0.04 275.1 Pg 05:12:42.206 0.1 T__ 985.6 ___ ML 1.4 5386145 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.04 275.1 Lg 05:12:43.242 -0.2 T__ ___ 5386150 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ZAG 0.08 197.9 Pg 05:12:42.826 0.1 T__ 2222.3 ___ ML 1.9 5386144 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.08 197.9 Lg 05:12:43.886 -0.2 T__ ___ 5386151 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
CRES 0.40 259.1 Pg 05:12:48.792 0.1 T__ 329.2 ___ ML 1.9 5386146 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.40 259.1 Lg 05:12:54.280 -0.4 T__ ___ 5386147 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOGS 0.57 16.1 Pg 05:12:52.046 -0.2 T__ 500.2 ___ ML 2.5 5386152 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.57 16.1 Lg 05:13:00.197 0.3 T__ ___ 5386148 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
OBKA 1.19 301.2 Lg 05:13:20.431 1.2 T__ ___ 5386149 FDSN OE -- 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
2020/03/24 10:02:38.80 0.42 0.59 47.2456 18.2546 4.9 4.5 124 0.0 0.0 7 0 107 0.12 1.30 kx BUD 16000502 BUD
2020/03/24 10:02:36.58 0.98 0.74 47.2302 18.2835f 0.0f 7 5 109 0.13 1.29 kx BUD_GT 16000503 BUD 206

```

```

(locality : Iszkaszentgyörgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.3 2 BUD 16000503

```

```

Sta 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 10:02:40.035 0.1 T__ 2676.2 ___ ML 2.1 5386348 FDSN HU -- iLoc BUD HHZ HHZ _

```

```

CSKK  0.13 353.3 Lg      10:02:42.427 -0.6      T__          ---          5386349      FDSN HU      -- iLoc BUD  HHN ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=1
HU08A  0.32 309.6 Lg      10:02:47.711 -1.4      T__          ---          5386354      FDSN ZJ      00 iLoc BUD  HHZ ??? _
MPLH   0.51 263.5 Pg      10:02:47.923  0.7      T__          84.3         --- ML       1.6 5386350      FDSN HU      -- iLoc BUD  BHZ BHZ _
MPLH   0.51 263.5 Lg      10:02:55.048 -0.2      T__          ---          5386351      FDSN HU      -- iLoc BUD  BHE ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
MORH   1.05 166.2 Lg      10:03:13.114  0.5      T__          ---          5386352      FDSN HU      -- iLoc BUD  BHE ??? _
PSZ    1.29  57.1 Sn      10:03:20.697  0.4      T__          ---          5386353      FDSN GE      -- iLoc BUD  BHE ??? _

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep      DPdep      Err Sgp
2020/03/24 11:06:44.90  0.87  0.47  47.9862  19.6084  11.2  4.1 121  0.0  0.0  8  0 225  0.08  0.80  kx BUD      16000506  BUD
2020/03/24 11:06:43.35  0.94  0.75  48.0061  19.6278f  0.0f  8  5 219  0.10  0.78  kx BUD_GT  16000507  BUD
(locality : Nagylóc Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author      OrigID
ML        1.6 0.0   3 BUD      16000507

```

```

Sta      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      11:06:46.232  0.3      T__          922.3     --- ML       1.6 5386421      FDSN ZJ      00 iLoc BUD  HHZ HHZ _
HU03A   0.10 190.5 Lg      11:06:47.495 -0.6      T__          ---          5386422      FDSN ZJ      00 iLoc BUD  HHN ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
PSZ     0.20 116.0 Pg      11:06:48.562  0.4      T__          534.1     --- ML       1.6 5386419      FDSN GE      -- iLoc BUD  BHZ BHZ _
PSZ     0.20 116.0 Lg      11:06:50.903 -1.1     T__          ---          5386420      FDSN GE      -- iLoc BUD  BHN ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
HU02A   0.61  78.7 Pg      11:06:56.641  0.4      T__          94.9      --- ML       1.8 5386424      FDSN ZJ      00 iLoc BUD  HHZ HHZ _
HU02A   0.61  78.7 Lg      11:07:05.123 -0.9     T__          ---          5386425      FDSN ZJ      00 iLoc BUD  HHE ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
KECS    0.75  49.9 Lg      11:07:10.512  0.9      T__          ---          5386426      FDSN SK      -- iLoc BUD  EHN ??? _
JOS     0.78  50.9 Lg      11:07:10.291 -0.5     T__          ---          5386423      FDSN ZJ      -- iLoc BUD  HHN ??? _

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep      DPdep      Err Sgp
2020/03/24 13:36:22.12  0.48  0.63  48.3477  21.2298  6.2  4.2 28  0.0  0.0 11  0 148  0.05  0.99  kx BUD      16000508  BUD
2020/03/24 13:36:20.51  0.93  1.02  48.2470  21.2460f  0.0f  11  6 181  0.05  0.96  kx BUD_GT  16000509  BUD
(locality : Tállya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author      OrigID
ML        1.8 0.0   5 BUD      16000509

```

```

Sta      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      13:36:22.104  0.0      T__          7104.6    --- ML       2.3 5386471      FDSN HU      -- iLoc BUD  HHZ HHZ _
ABAH    0.05 355.1 Lg      13:36:24.071  0.4      T__          ---          5386472      FDSN HU      -- iLoc BUD  HHN ??? _

```

```

(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
HU02A 0.50 255.8 Pg 13:36:31.010 -0.1 T__ 114.8 ___ ML 1.7 5386479 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU02A 0.50 255.8 Lg 13:36:38.744 -0.4 T__ ___ 5386480 FDSN ZJ 00 iLoc BUD HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
JOS 0.53 298.1 Pg 13:36:31.514 0.3 T__ 95.1 ___ ML 1.8 5386477 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 0.53 298.1 Lg 13:36:38.007 -1.4 T__ ___ 5386478 FDSN ZJ -- iLoc BUD HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.56 295.3 Pg 13:36:31.977 0.2 T__ 89.0 ___ ML 1.8 5386473 FDSN SK -- iLoc BUD EHE EHZ _
KECS 0.56 295.3 Lg 13:36:38.272 -2.1 T__ ___ 5386474 FDSN SK -- iLoc BUD EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HOLU 0.81 69.3 Pg 13:36:37.669 1.5 T__ ___ 5386481 FDSN UA -- iLoc BUD MHZ ??? _
PSZ 0.96 250.6 Pn 13:36:41.316 1.0 T__ 79.0 ___ ML 1.9 5386475 FDSN GE -- iLoc BUD BHZ BHZ _
PSZ 0.96 250.6 Lg 13:36:54.559 -0.7 T__ ___ 5386476 FDSN GE -- iLoc BUD BHE ??? _
(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
2020/03/24 16:26:17.21 0.97 1.18 45.8984 16.0036 4.6 3.7 79 1.0f 12 8 146 0.03 1.66 ke BUD 16000512 BUD 216

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 16000512

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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 0.03 289.0 Pg 16:26:17.934 -0.3 T__ 1472.0 ___ ML 1.5 5386624 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.03 289.0 Lg 16:26:18.829 -0.5 T__ ___ 5386625 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ZAG 0.07 189.2 Pg 16:26:18.732 -0.1 T__ 6339.4 ___ ML 2.3 5386627 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.07 189.2 Lg 16:26:19.941 -0.2 T__ ___ 5386626 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
CRES 0.39 259.5 Pg 16:26:25.160 0.4 T__ 312.3 ___ ML 1.9 5386632 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.39 259.5 Lg 16:26:30.481 -0.1 T__ ___ 5386631 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOGS 0.58 17.2 Lg 16:26:35.976 -0.2 T__ ___ 5386628 FDSN SL -- BUD iLoc BHN ??? _
BEHE 0.78 42.9 Pg 16:26:32.476 -0.5 T__ 73.6 ___ ML 1.8 5386633 FDSN HU -- BUD iLoc BHZ BHZ _
BEHE 0.78 42.9 Lg 16:26:44.223 0.9 T__ ___ 5386629 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
OBKA 1.18 301.7 Lg 16:26:57.319 1.9 T__ ___ 5386630 FDSN OE -- BUD iLoc BHE ??? _
ARSA 1.39 346.4 Lg 16:27:02.659 1.1 T__ ___ 5386634 FDSN OE -- BUD iLoc BHE ??? _
MPLH 1.66 39.3 Sn 16:27:10.640 2.4 T__ ___ 5386635 FDSN HU -- 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
2020/03/24 18:33:18.15 1.03 0.79 45.8673 16.0304 10.1 4.9 144 2.2 11.2 25 14 73 0.05 2.07 ke BUD 16000516 BUD 138

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Magnitude	Err	Nsta	Author	OrigID																					
ML	2.4	0.1	13 BUD	16000516																					
Sta	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	0.05	217.0	Pg	18:33:20.055	0.7					T__		20699.2		---	ML	2.8	5386795	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.05	217.0	Lg	18:33:21.313	0.9					T__				---		5386796	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
PTJ	0.06	312.3	Pg	18:33:19.414	-0.4					T__		8937.6		---	ML	2.4	5386798	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.06	312.3	Lg	18:33:20.248	-1.1					T__				---		5386797	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
CRES	0.40	264.3	Pg	18:33:25.896	-0.1					T__		784.1		---	ML	2.3	5386799	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	264.3	Lg	18:33:32.788	0.8					T__				---		5386800	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
KOGS	0.60	14.7	Pg	18:33:29.741	-0.3					T__		1728.2		---	ML	3.1	5386802	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.60	14.7	Lg	18:33:37.940	0.1					T__				---		5386801	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=0)																									
BEHE	0.79	40.4	Pn	18:33:34.771	-0.9					T__		104.9		---	ML	2.0	5386803	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.79	40.4	Lg	18:33:44.917	0.5					T__				---		5386809	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
A264A	0.93	71.1	Pn	18:33:36.809	-0.5					T__		253.5		---	ML	2.4	5386815	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.93	71.1	Lg	18:33:49.535	1.0					T__				---		5386816	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
A010A	1.21	1.6	Pn	18:33:42.065	0.7					T__		152.4		---	ML	2.4	5386817	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A010A	1.21	1.6	Sn	18:33:59.088	1.2					T__				---		5386818	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
OBKA	1.21	302.5	Pn	18:33:41.761	-0.4					T__		130.9		---	ML	2.3	5386804	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.21	302.5	Lg	18:33:56.707	-0.6					T__				---		5386805	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
BLY	1.38	143.5	Pn	18:33:43.369	-0.7					T__		98.5		---	ML	2.3	5386811	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.38	143.5	Sn	18:34:02.475	-0.4					T__				---		5386810	FDSN	MN	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
ARSA	1.43	346.0	Pg	18:33:44.868	-0.0					T__		92.4		---	ML	2.3	5386812	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.43	346.0	Lg	18:34:03.636	0.1					T__				---		5386806	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
MPLH	1.67	38.1	Sn	18:34:09.827	0.6					T__				---		5386807	FDSN	HU	--	BUD	iLoc	BHN	???	_	
MORH	1.85	78.3	Pn	18:33:48.399	-1.5					T__		19.2		---	ML	1.8	5386808	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.85	78.3	Sn	18:34:13.358	-0.2					T__				---		5386813	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
A018A	1.99	341.1	Pg	18:33:55.975	1.2					T__		189.7		---	ML	2.9	5386819	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=0)																									

CONA 2.07 356.9 Pn 18:33:53.914 0.3 T__ 105.4 ___ ML 2.7 5386814 FDSN OE -- BUD iLoc BHZ BHZ _
 (Reading ML: 2.7 magdef=1
 (Station ML: 2.7 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
2020/03/24	19:04:48.12	1.09	0.53	45.8837	16.0332	7.5	4.2	121	2.0f	14	9	102	0.05	1.41	ke	BUD	16000518	BUD			168	

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	6 BUD	16000518

Sta	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	0.05	297.1	Pg	19:04:49.409	-0.3					T__		3657.0		___	ML	2.0	5386925	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
PTJ	0.05	297.1	Lg	19:04:50.401	-0.7					T__				---		5386926	FDSN	CR	--	BUD	iLoc	BHE	???	_		
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																										
ZAG	0.07	209.7	Pg	19:04:49.870	0.2					T__		11516.3		___	ML	2.5	5386935	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
ZAG	0.07	209.7	Lg	19:04:50.764	-0.0					T__				---		5386927	FDSN	CR	--	BUD	iLoc	BHE	???	_		
(Station ML: 2.5 magdef=0																										
CRES	0.41	262.0	Pg	19:04:56.520	0.5					T__		462.9		___	ML	2.1	5386928	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	0.41	262.0	Lg	19:05:01.840	-0.2					T__				---		5386929	FDSN	SL	--	BUD	iLoc	BHN	???	_		
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																										
KOGS	0.58	14.9	Pg	19:04:59.610	-0.1					T__		135.4		___	ML	2.0	5386936	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	0.58	14.9	Lg	19:05:07.572	0.3					T__				---		5386930	FDSN	SL	--	BUD	iLoc	BHN	???	_		
(Station ML: 2.0 magdef=0																										
BEHE	0.78	41.1	Sn	19:05:16.949	-1.1					T__				---		5386938	FDSN	HU	--	BUD	iLoc	HHN	???	_		
A262A	1.04	19.1	Pg	19:05:08.753	0.2					T__		262.8		___	ML	2.5	5386937	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																										
OBKA	1.21	301.8	Pg	19:05:11.212	0.3					T__		96.0		___	ML	2.2	5386931	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
OBKA	1.21	301.8	Lg	19:05:27.512	0.4					T__				---		5386932	FDSN	OE	--	BUD	iLoc	BHN	???	_		
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																										
BLY	1.40	144.0	Lg	19:05:32.543	-0.6					T__				---		5386933	FDSN	MN	--	BUD	iLoc	BHE	???	_		
ARSA	1.41	345.8	Sn	19:05:33.704	0.6					T__				---		5386934	FDSN	OE	--	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	
2020/03/24	19:55:40.08	0.90	0.57	45.8728	16.0036	9.3	5.0	147	3.6	8.0	29	20	68	0.04	2.06	ke	BUD	16000524	BUD			120	

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.3	19 BUD	16000524

Sta	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	0.04	324.0	Pg	19:55:41.225	-0.4					T__		22967.6		___	ML	2.8	5387765	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
PTJ	0.04	324.0	Lg	19:55:42.281	-0.7					T__				---		5387751	FDSN	CR	--	BUD	iLoc	BHE	???	_		
(Station ML: 2.8 magdef=1																										
ZAG	0.05	194.2	Pg	19:55:41.894	0.5					T__		35459.3		___	ML	3.0	5387749	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	

ZAG	0.05	194.2	Lg	19:55:42.716	0.3	T__			5387750	FDSN	CR	--	BUD	iLoc	BHE	???	_		
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
CRES	0.38	263.2	Pg	19:55:47.860	0.2	T__	2128.2	---	ML	2.7	5387752	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.38	263.2	Lg	19:55:53.568	0.2	T__		---			5387753	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
KOGS	0.60	16.5	Pg	19:55:51.508	-0.4	T__	1338.5	---	ML	3.0	5387766	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.0 magdef=1)																			
KOGS	0.60	16.5	Lg	19:55:59.856	0.1	T__		---			5387754	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Station ML: 3.0 magdef=1)																			
BEHE	0.80	41.6	Pg	19:55:56.470	0.4	T__	285.1	---	ML	2.4	5387755	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.80	41.6	Lg	19:56:07.172	0.5	T__		---			5387756	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
A264A	0.94	71.8	Pn	19:55:59.206	-0.1	T__	957.5	---	ML	3.0	5387767	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.94	71.8	Lg	19:56:11.430	0.5	T__		---			5387768	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=0)																			
A262A	1.06	19.9	Pg	19:55:59.946	-0.5	T__	881.6	---	ML	3.0	5387769	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=0)																			
A263A	1.19	49.4	Pn	19:56:02.045	-0.7	T__	473.9	---	ML	2.8	5387770	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
OBKA	1.19	302.7	Pn	19:56:03.496	-0.2	T__	217.4	---	ML	2.5	5387757	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.5 magdef=1)																			
OBKA	1.19	302.7	Lg	19:56:18.602	-0.1	T__		---			5387771	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Station ML: 2.5 magdef=1)																			
A010A	1.20	2.5	Pn	19:56:03.254	0.1	T__	482.1	---	ML	2.9	5387772	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
A261A	1.34	35.9	Pg	19:56:05.587	-0.1	T__	446.2	---	ML	2.9	5387773	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
A265A	1.36	65.5	Pg	19:56:06.533	0.4	T__	738.3	---	ML	3.1	5387774	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=0)																			
BLY	1.40	143.0	Pn	19:56:04.802	-1.3	T__	122.1	---	ML	2.4	5387758	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.40	143.0	Sn	19:56:24.536	-0.5	T__		---			5387759	FDSN	MN	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
ARSA	1.42	346.6	Pn	19:56:05.840	-0.5	T__	145.0	---	ML	2.4	5387775	FDSN	OE	--	BUD	iLoc	BHN	BHZ	_
(Reading ML: 2.4 magdef=1)																			
ARSA	1.42	346.6	Lg	19:56:25.842	0.6	T__		---			5387760	FDSN	OE	--	BUD	iLoc	BHE	???	_
(Station ML: 2.4 magdef=1)																			
MPLH	1.68	38.7	Pn	19:56:09.687	0.2	T__	116.5	---	ML	2.5	5387761	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
A019A	1.70	338.4	Sn	19:56:32.647	0.3	T__		---			5387776	FDSN	Z3	00	BUD	iLoc	HH2	???	_
SOP	1.85	11.7	Pn	19:56:12.251	0.2	T__	88.9	---	ML	2.5	5387762	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			

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MORH  1.87 78.5 Pn      19:56:10.896 -1.0      T__      25.5      ___ ML      1.9 5387763      FDSN HU      -- BUD      iLoc BHZ BHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
A018A 1.98 341.6 Pg      19:56:17.606  1.1      T__      106.3      ___ ML      2.6 5387777      FDSN Z3      00 BUD      iLoc HHN HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
CONA  2.06 357.3 Pn      19:56:14.862 -0.4      T__      100.1      ___ ML      2.6 5387764      FDSN OE      -- BUD      iLoc BHZ BHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 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
2020/03/25 03:22:22.71 1.01 0.80 45.8741 16.0164 9.8 4.0 150 2.0f 15 9 125 0.05 1.86 ke BUD 16000532 BUD 184

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Magnitude Err Nsta Author OrigID
ML 2.9 0.2 7 BUD 16000532

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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 0.05 314.2 Pg 03:22:23.506 -0.7 T__ 5485.3 ___ ML 2.2 5388584 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.05 314.2 Lg 03:22:24.497 -1.1 T__ ___ 5388585 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
ZAG 0.05 203.6 Pg 03:22:24.216 0.2 T__ 3195.3 ___ ML 1.9 5388580 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.05 203.6 Lg 03:22:25.879 0.9 T__ ___ 5388587 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
CRES 0.39 263.2 Pg 03:22:30.468 0.1 T__ 3310.0 ___ ML 2.9 5388581 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.39 263.2 Lg 03:22:36.541 0.3 T__ ___ 5388582 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
KOGS 0.60 15.7 Pg 03:22:34.102 -0.4 T__ 3009.4 ___ ML 3.3 5388588 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.60 15.7 Lg 03:22:41.427 -0.8 T__ ___ 5388583 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=0
BEHE 0.80 41.2 Pg 03:22:39.057 0.5 T__ 267.5 ___ ML 2.4 5388586 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A264A 0.93 71.7 Pg 03:22:41.341 0.1 T__ 938.9 ___ ML 3.0 5388593 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.93 71.7 Lg 03:22:54.140 0.8 T__ ___ 5388594 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
OBKA 1.20 302.5 Pg 03:22:46.395 1.0 T__ 508.7 ___ ML 2.9 5388590 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.20 302.5 Lg 03:23:02.405 0.9 T__ ___ 5388589 FDSN OE -- BUD iLoc BHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
ARSA 1.42 346.3 Sn 03:23:09.032 1.1 T__ ___ 5388591 FDSN OE -- BUD iLoc BHN ??? _
MORH 1.86 78.5 Lg 03:23:22.160 -0.5 T__ ___ 5388592 FDSN HU -- 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
2020/03/25 03:58:29.47 1.05 0.51 45.8940 16.0006 5.9 3.5 79 2.0f 9 5 170 0.03 1.18 ke BUD 16000534 BUD 246

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Magnitude Err Nsta Author OrigID
 ML 2.3 0.8 4 BUD 16000534

Sta	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	299.8	Pg	03:58:30.510	-0.1					T__		1855.0		---	ML	1.6	5388719	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	299.8	Lg	03:58:31.423	-0.3					T__				---		5388720	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ZAG	0.07	188.1	Pg	03:58:31.096	0.1					T__		2261.3		---	ML	1.8	5388721	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	188.1	Lg	03:58:31.931	-0.3					T__				---		5388722	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CRES	0.39	260.0	Pg	03:58:37.021	0.0					T__		2706.6		---	ML	2.8	5388724	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	260.0	Lg	03:58:42.922	0.2					T__				---		5388723	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
KOGS	0.58	17.3	Pg	03:58:40.776	-0.2					T__		1386.5		---	ML	3.0	5388725	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.58	17.3	Lg	03:58:48.975	0.5					T__				---		5388726	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=1)																									
OBKA	1.18	301.9	Lg	03:59:08.722	1.1					T__				---		5388727	FDSN	OE	--	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
2020/03/25	07:18:41.35	0.44	0.61	47.2617	17.6991	7.6	3.8	152	0.0	0.0	6	0	155	0.14	0.40	kx	BUD	16000538	BUD			
2020/03/25	07:18:39.51	0.98	1.38	47.3300	17.6350f				0.0f		6	4	129	0.17	0.43	kx	BUD_GT	16000539	BUD			220
(locality : Ugod Hungary)																						
(description : known quarry blast)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID
 ML 1.4 0.3 2 BUD 16000539

Sta	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	07:18:43.781	0.2					T__		235.3		---	ML	1.2	5388883	FDSN	HU	--	iLoc	BUD	BH	BH	_
MPLH	0.17	202.2	Lg	07:18:45.511	-1.5					T__				---		5388884	FDSN	HU	--	iLoc	BUD	BH	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU08A	0.22	62.6	Pg	07:18:44.867	0.4					T__		480.5		---	ML	1.6	5388885	FDSN	ZJ	00	iLoc	BUD	HHE	HHZ	_
HU08A	0.22	62.6	Lg	07:18:48.007	-0.8					T__				---		5388886	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
EGYH	0.22	293.0	Lg	07:18:50.857	2.1					T__				---		5388888	FDSN	HU	--	iLoc	BUD	HHE	???	_	
CSSK	0.43	85.3	Lg	07:18:54.604	-1.4					T__				---		5388887	FDSN	HU	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/03/25	07:48:30.66	3.04	1.68	48.2106	21.4263	18.3	12.2	106	0.0f		10	6	177	0.15	1.42	sx	BUD	16000540	BUD			310

Magnitude Err Nsta Author OrigID
 ML 1.7 0.1 4 BUD 16000540

Sta	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	304.5	Pg	07:48:34.442	0.2					T__		1040.1		---	ML	1.7	5388939	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.15	304.5	Lg	07:48:38.005	0.6					T__				---		5388940	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.61	262.0	Pg	07:48:43.576	0.1					T__		63.0		---	ML	1.6	5388946	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.61	262.0	Lg	07:48:53.397	0.2					T__				---		5388947	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.66	296.1	Pg	07:48:43.601	-0.2					T__		56.9		---	ML	1.6	5388944	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	296.1	Lg	07:48:53.138	-0.6					T__				---		5388945	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.68	293.8	Pg	07:48:44.620	0.2					T__		132.2		---	ML	2.0	5388942	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.68	293.8	Lg	07:48:53.475	-1.3					T__				---		5388941	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	1.07	254.7	Sn	07:49:08.844	-0.2					T__				---		5388943	FDSN	GE	--	BUD	iLoc	BHN	???	_	
MEZ	1.42	76.9	Sn	07:49:14.262	-4.1					T__				---		5388948	FDSN	UA	--	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
2020/03/25	07:54:29.18	1.05	0.62	48.2700	21.1167	9.4	3.7	174	0.0f		7	4	177	0.09	0.47	ke	BUD	16000542	BUD			309

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	3 BUD	16000542

Sta	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	72.3	Pg	07:54:31.765	0.3					T__		146.0		_d	ML	0.7	5388984	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.09	72.3	Lg	07:54:32.987	-0.6					T__				---		5388985	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
HU02A	0.42	249.7	Pg	07:54:38.385	0.1					T__		53.6		---	ML	1.2	5388989	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_
HU02A	0.42	249.7	Lg	07:54:45.128	-0.1					T__				---		5388990	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
JOS	0.45	300.6	Pg	07:54:38.669	0.5					T__		69.6		---	ML	1.4	5388987	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.45	300.6	Lg	07:54:44.553	-0.6					T__				---		5388988	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.47	297.1	Lg	07:54:45.353	-0.7					T__				---		5388986	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
2020/03/25	08:32:43.37	1.00	0.73	47.6430	18.5352	7.3	4.4	155	0.0f		8	5	150	0.10	0.96	sx	BUD	16000544	BUD			182

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	3 BUD	16000544

Sta	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	267.6	Pg	08:32:46.286	0.3					T__		1571.7		---	ML	1.8	5389027	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	267.6	Lg	08:32:47.878	-0.6					T__				---		5389028	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CSKK 0.34 213.7 Pg 08:32:50.907 0.4 T__ 145.0 ___ ML 1.4 5389032 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
CSKK 0.34 213.7 Lg 08:32:55.824 -0.8 T__ ___ 5389025 FDSN HU -- BUD iLoc HHE ??? _
(Station ML: 1.4 magdef=1
HU10A 0.38 58.0 Lg 08:32:57.726 -0.4 T__ ___ 5389029 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.83 235.4 Pn 08:33:02.205 1.0 T__ 71.2 ___ ML 1.8 5389031 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.83 235.4 Sn 08:33:15.501 0.2 T__ ___ 5389030 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
PSZ 0.96 72.8 Lg 08:33:17.707 -0.4 T__ ___ 5389026 FDSN GE -- 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
2020/03/25	09:26:38.74	1.07	0.87	47.1081	18.0401	6.7	5.1	71	0.0f	6	4	125	0.30	0.99	sx	BUD	16000546	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	
CSKK	0.30	30.4	Pg	09:26:45.412	0.2					T__		1206.0		___	ML	2.2	5389066	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.30	30.4	Lg	09:26:50.094	-0.7					T__				___		5389067	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A267A	0.34	118.0	Lg	09:26:52.691	0.6					T__				___		5389071	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MPLH	0.35	280.5	Lg	09:26:52.129	0.1					T__				___		5389068	FDSN	HU	--	BUD	iLoc	BHE	???	_	
MORH	0.99	154.8	Pg	09:26:58.440	0.1					T__	19.5			___	ML	1.3	5389070	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.99	154.8	Lg	09:27:11.671	-1.2					T__				___		5389069	FDSN	HU	--	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
2020/03/25	10:19:20.71	0.94	0.63	48.5460	20.7693	4.7	3.7	174	0.0f	13	7	108	0.16	0.93	sx	BUD	16000548	BUD			181	

Magnitude Err Nsta Author OrigID
ML 1.6 0.3 7 BUD 16000548

Sta	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	251.9	Pg	10:19:23.975	-0.2					T__		689.3		___	ML	1.6	5389460	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	251.9	Lg	10:19:27.664	0.8					T__				___		5389461	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
KECS	0.20	251.7	Pg	10:19:24.548	-0.4					T__	2501.6			___	ML	2.3	5389451	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	251.7	Lg	10:19:28.621	0.4					T__				___		5389452	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ABAH	0.40	128.4	Pg	10:19:29.138	0.2					T__	100.0			___	ML	1.4	5389453	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	128.4	Lg	10:19:34.892	-1.1					T__				___		5389454	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.45	201.1	Pg	10:19:30.594	0.2					T__	80.4			___	ML	1.5	5389462	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	201.1	Lg	10:19:37.706	-0.1					T__				___		5389463	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
PSZ	0.86	223.3	Pg	10:19:37.894	-0.9					T__	90.4			___	ML	1.9	5389457	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_

PSZ	0.86	223.3	Lg	10:19:52.101	0.4	T__									5389458	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
STHS	0.93	19.6	Pg	10:19:38.123	0.2	T__	83.8								5389459	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
NIE	0.93	340.7	Pn	10:19:40.838	0.7	T__	43.1								5389455	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.93	340.7	Lg	10:19:50.828	-0.5	T__									5389456	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	
2020/03/25	10:21:38.80	0.45	0.92	47.2221	18.2773	6.1	4.7	73	0.0	0.0	6	0	108	0.14	1.30	kx	BUD	16000550	BUD				
2020/03/25	10:21:36.92	1.01	0.55	47.2302	18.2835f				0.0f		6	5	109	0.13	1.29	kx	BUD_GT	16000551	BUD			206	
(locality : Iszkaszentgyörgy Hungary)																							
(description : known quarry blast)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	2 BUD	16000551

Sta	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	10:21:40.193	-0.0					T__		346.2			ML	1.2	5389513	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1)																									
CSKK	0.13	353.3	Lg	10:21:42.478	-0.9					T__						5389508	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Station ML: 1.2 magdef=1)																									
HU08A	0.32	309.6	Lg	10:21:50.012	0.5					T__						5389512	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
MPLH	0.51	263.5	Pg	10:21:47.974	0.4					T__		68.1			ML	1.6	5389509	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	1.05	166.2	Lg	10:22:12.554	-0.4					T__						5389510	FDSN	HU	--	iLoc	BUD	BHE	???	_	
PSZ	1.29	57.1	Sn	10:22:20.900	0.2					T__						5389511	FDSN	GE	--	iLoc	BUD	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	
2020/03/25	14:28:47.72	1.03	0.44	45.9038	16.0220	6.5	4.1	125	1.0f		13	8	101	0.04	1.42	ke	BUD	16000552	BUD			155	

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	5 BUD	16000552

Sta	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	0.04	274.8	Pg	14:28:48.874	-0.1					T__		2252.6			ML	1.8	5389569	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	274.8	Lg	14:28:49.866	-0.4					T__						5389570	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ZAG	0.08	197.6	Pg	14:28:49.685	0.2					T__		3545.3			ML	2.1	5389571	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	197.6	Lg	14:28:51.031	0.1					T__						5389574	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
CRES	0.40	259.0	Pg	14:28:55.646	0.1					T__		597.8			ML	2.2	5389572	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	259.0	Lg	14:29:01.159	-0.3					T__						5389575	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

```

(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KOGS 0.57 16.2 Pg 14:28:58.839 -0.1 T__ 756.2 ___ ML 2.7 5389573 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.57 16.2 Lg 14:29:06.680 0.3 T__ ___ 5389576 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
BEHE 0.77 42.5 Lg 14:29:13.287 -0.2 T__ ___ 5389577 FDSN HU -- BUD iLoc BHE ??? _
OBKA 1.19 301.1 Pg 14:29:10.966 0.7 T__ ___ ML 2.3 5389579 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.19 301.1 Lg 14:29:26.589 0.4 T__ ___ 5389578 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
ARSA 1.39 345.9 Sn 14:29:33.022 0.6 T__ ___ 5389581 FDSN OE -- BUD iLoc BHE ??? _
BLY 1.42 144.2 Lg 14:29:32.780 -0.7 T__ ___ 5389580 FDSN MN -- 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
2020/03/25 22:10:26.25 1.26 0.64 46.0618 21.9111 11.0 6.3 123 4.7 25.7 8 5 191 0.49 1.44 ke BUD 16000554 BUD 259

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.4 4 BUD 16000554

```

```

Sta 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 0.49 204.9 Pg 22:10:36.173 0.3 T__ 29.9 ___ ML 1.1 5390586 FDSN RO -- BUD iLoc BHZ BHZ _
BZS 0.49 204.9 Lg 22:10:42.364 -0.6 T__ ___ 5390587 FDSN RO -- BUD iLoc BHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
GZR 0.90 137.5 Pg 22:10:43.795 0.3 T__ 42.1 ___ ML 1.6 5390589 FDSN RO -- BUD iLoc BHZ BHZ _
GZR 0.90 137.5 Lg 22:10:55.714 -0.5 T__ ___ 5390588 FDSN RO -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 0.92 36.9 Pg 22:10:44.521 0.1 T__ 53.0 ___ ML 1.7 5390590 FDSN RO -- BUD iLoc BHZ BHZ _
DRGR 0.92 36.9 Lg 22:10:56.661 -0.7 T__ ___ 5390591 FDSN RO -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CJR 1.34 60.2 Pn 22:10:51.534 0.6 T__ 72.0 ___ ML 2.1 5390592 FDSN RO -- BUD iLoc BHZ BHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
LOT 1.44 114.6 Sn 22:11:12.865 0.2 T__ ___ 5390593 FDSN RO -- 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
2020/03/25 22:21:26.24 0.99 0.55 45.8824 16.0041 9.0 4.6 141 2.0f 17 11 70 0.04 2.05 ke BUD 16000556 BUD 119

```

```

Magnitude Err Nsta Author OrigID
ML 2.2 0.1 8 BUD 16000556

```

```

Sta 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 0.04 314.3 Pg 22:21:27.312 -0.2 T__ 2843.8 ___ ML 1.9 5390698 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.04 314.3 Lg 22:21:28.424 -0.3 T__ ___ 5390699 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
ZAG 0.06 192.2 Pg 22:21:27.965 0.4 T__ 5787.1 ___ ML 2.2 5390701 FDSN CR -- BUD iLoc BHZ BHZ _

```

ZAG	0.06	192.2	Lg	22:21:28.763	0.1	T__	---	5390700	FDSN	CR	--	BUD	iLoc	BHE	???	_			
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
CRES	0.39	261.8	Pg	22:21:33.721	-0.1	T__	411.5	---	ML	2.0	5390702	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	261.8	Lg	22:21:38.896	-0.6	T__	---	---	---	5390703	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
KOGS	0.59	16.7	Pg	22:21:37.566	-0.3	T__	599.8	---	ML	2.6	5390705	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.59	16.7	Lg	22:21:45.571	-0.0	T__	---	---	---	5390704	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
BEHE	0.80	42.1	Lg	22:21:52.113	-0.4	T__	---	---	---	5390706	FDSN	HU	--	BUD	iLoc	BHE	???	_	
A264A	0.94	72.3	Lg	22:21:57.291	0.3	T__	---	---	---	5390714	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
OBKA	1.19	302.3	Pg	22:21:49.743	1.0	T__	110.7	---	ML	2.2	5390708	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.19	302.3	Lg	22:22:04.835	0.1	T__	---	---	---	5390707	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
AO10A	1.19	2.5	Pn	22:21:49.943	0.6	T__	113.5	---	ML	2.2	5390712	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
BLY	1.41	143.3	Lg	22:22:11.606	0.0	T__	---	---	---	5390711	FDSN	MN	--	BUD	iLoc	BHE	???	_	
ARSA	1.41	346.5	Pn	22:21:52.355	-0.2	T__	64.4	---	ML	2.1	5390709	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.41	346.5	Sn	22:22:11.800	0.6	T__	---	---	---	5390710	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
CONA	2.05	357.3	Pg	22:22:05.826	1.2	T__	68.4	---	ML	2.5	5390713	FDSN	OE	--	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
2020/03/25	22:30:20.73	1.28	0.53	45.8910	16.0430	9.3	4.3	120	2.0f	11	6	197	0.05	1.41	ke	BUD	16000558	BUD			246	

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	5 BUD	16000558

Sta	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	0.05	287.1	Pg	22:30:22.043	-0.3					T__		687.5		---	ML	1.3	5390779	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.05	287.1	Lg	22:30:22.865	-1.0					T__				---	---	5390780	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
ZAG	0.08	211.5	Pg	22:30:22.720	0.3					T__	1320.7			---	ML	1.6	5390781	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	211.5	Lg	22:30:23.512	-0.2					T__				---	---	5390789	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CRES	0.41	261.2	Pg	22:30:29.371	0.5					T__	497.0			---	ML	2.1	5390783	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.41	261.2	Lg	22:30:34.933	-0.0					T__				---	---	5390782	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KOGS	0.58	14.4	Pg	22:30:31.958	-0.2					T__	471.7			---	ML	2.5	5390784	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.58	14.4	Lg	22:30:39.867	0.2					T__				---	---	5390785	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									


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OBKA 1.21 301.3 Pg      22:30:44.281  0.7      T__      125.0      ___ ML      2.3 5390786  FDSN OE      -- BUD  iLoc  BHZ BHZ  _
OBKA 1.21 301.3 Lg      22:31:00.097  0.3      T__      ___      ___      5390787  FDSN OE      -- BUD  iLoc  BHN ???  _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
ARSA 1.41 345.4 Lg      22:31:05.757  0.3      T__      ___      ___      5390788  FDSN OE      -- 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
2020/03/25 23:59:14.38  1.04  0.44  45.9066  16.0214  5.4  4.1 100  2.0f  10  6 105  0.04  1.64  ke BUD  16000564  BUD  157

```

```

Magnitude Err Nsta Author      OrigID
ML      2.1 0.0  5 BUD  16000564

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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  0.04  270.7 Pg      23:59:15.654  -0.0  T__      564.4  ___ ML      1.2 5391003  FDSN CR      -- BUD  iLoc  BHZ BHZ  _
PTJ  0.04  270.7 Lg      23:59:16.428  -0.5  T__      ___      ___      5391004  FDSN CR      -- BUD  iLoc  BHE ???  _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
ZAG  0.08  196.8 Pg      23:59:16.355  0.1  T__      1246.4  ___ ML      1.6 5391006  FDSN CR      -- BUD  iLoc  BHZ BHZ  _
ZAG  0.08  196.8 Lg      23:59:17.177  -0.5  T__      ___      ___      5391005  FDSN CR      -- BUD  iLoc  BHE ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CRES 0.40  258.6 Pg      23:59:22.498  0.3  T__      464.8  ___ ML      2.1 5391007  FDSN SL      -- BUD  iLoc  BHZ BHZ  _
CRES 0.40  258.6 Lg      23:59:28.665  0.5  T__      ___      ___      5391008  FDSN SL      -- BUD  iLoc  BHN ???  _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOGS 0.56  16.3 Pg      23:59:25.328  -0.2  T__      423.6  ___ ML      2.4 5391010  FDSN SL      -- BUD  iLoc  BHZ BHZ  _
KOGS 0.56  16.3 Lg      23:59:33.333  0.4  T__      ___      ___      5391009  FDSN SL      -- BUD  iLoc  BHN ???  _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
BLY  1.42  144.3 Sn      23:59:59.658  -0.4  T__      ___      ___      5391011  FDSN MN      -- BUD  iLoc  BHN ???  _
MPLH 1.64  39.1 Pn      23:59:43.938  0.5  T__      50.7  ___ ML      2.1 5391012  FDSN HU      -- BUD  iLoc  BHZ BHZ  _
(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
2020/03/26 00:17:54.85  0.85  0.67  45.8863  16.0194  7.6  3.6 147  2.9  0.7  33  20  60  0.04  2.85  ke BUD  16000566  BUD  117

```

```

Magnitude Err Nsta Author      OrigID
ML      2.4 0.1  18 BUD  16000566

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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  0.04  300.0 Pg      00:17:56.160  -0.1  T__      12153.5  ___ ML      2.5 5391127  FDSN CR      -- BUD  iLoc  BHZ BHZ  _
PTJ  0.04  300.0 Lg      00:17:56.747  -0.9  T__      ___      ___      5391139  FDSN CR      -- BUD  iLoc  BHE ???  _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
ZAG  0.06  200.9 Pg      00:17:56.861  0.5  T__      21716.7  ___ ML      2.8 5391129  FDSN CR      -- BUD  iLoc  BHZ BHZ  _
ZAG  0.06  200.9 Lg      00:17:57.877  0.3  T__      ___      ___      5391128  FDSN CR      -- BUD  iLoc  BHE ???  _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
CRES 0.40  261.5 Pg      00:18:02.653  0.0  T__      1376.1  ___ ML      2.5 5391140  FDSN SL      -- BUD  iLoc  BHE BHZ  _

```

CRES	0.40	261.5	Lg	00:18:08.929	0.4	T__			5391130	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.5 magdef=1)																	
(Station ML: 2.5 magdef=1)																	
KOGS	0.58	15.9	Pg	00:18:05.943	-0.5	T__	2030.0	---	ML	3.1	5391141	FDSN	SL	--	BUD	iLoc	BHZ BHZ _
KOGS	0.58	15.9	Lg	00:18:14.250	0.2	T__		---			5391131	FDSN	SL	--	BUD	iLoc	BHN ??? _
(Reading ML: 3.1 magdef=1)																	
(Station ML: 3.1 magdef=0)																	
BEHE	0.79	41.7	Pn	00:18:11.396	-0.8	T__	225.3	---	ML	2.3	5391132	FDSN	HU	--	BUD	iLoc	BHZ BHZ _
BEHE	0.79	41.7	Lg	00:18:21.539	0.7	T__		---			5391133	FDSN	HU	--	BUD	iLoc	BHE ??? _
(Reading ML: 2.3 magdef=1)																	
(Station ML: 2.3 magdef=1)																	
A264A	0.93	72.4	Pg	00:18:12.983	-0.2	T__	272.5	---	ML	2.5	5391148	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
A264A	0.93	72.4	Lg	00:18:25.897	0.6	T__		---			5391149	FDSN	Z3	00	BUD	iLoc	HHN ??? _
(Reading ML: 2.5 magdef=1)																	
(Station ML: 2.5 magdef=1)																	
A262A	1.04	19.6	Pg	00:18:15.124	-0.1	T__	258.0	---	ML	2.5	5391150	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
A262A	1.04	19.6	Lg	00:18:29.233	0.5	T__		---			5391151	FDSN	Z3	00	BUD	iLoc	HHE ??? _
(Reading ML: 2.5 magdef=1)																	
(Station ML: 2.5 magdef=1)																	
A263A	1.17	49.5	Pn	00:18:17.018	-0.3	T__	181.6	---	ML	2.4	5391152	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
(Reading ML: 2.4 magdef=1)																	
(Station ML: 2.4 magdef=1)																	
A010A	1.19	2.0	Pg	00:18:17.480	0.0	T__	198.2	---	ML	2.5	5391153	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
A010A	1.19	2.0	Sn	00:18:34.129	0.1	T__		---			5391154	FDSN	Z3	00	BUD	iLoc	HHN ??? _
(Reading ML: 2.5 magdef=1)																	
(Station ML: 2.5 magdef=1)																	
OBKA	1.20	301.9	Pn	00:18:18.197	-0.4	T__	115.2	---	ML	2.2	5391142	FDSN	OE	--	BUD	iLoc	BHZ BHZ _
OBKA	1.20	301.9	Lg	00:18:33.486	-0.0	T__		---			5391134	FDSN	OE	--	BUD	iLoc	BHE ??? _
(Reading ML: 2.2 magdef=1)																	
(Station ML: 2.2 magdef=1)																	
A273A	1.25	88.0	Lg	00:18:36.677	1.1	T__		---			5391155	FDSN	Z3	00	BUD	iLoc	HHN ??? _
A261A	1.32	35.8	Pg	00:18:20.146	-0.0	T__	132.4	---	ML	2.4	5391156	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
(Reading ML: 2.4 magdef=1)																	
(Station ML: 2.4 magdef=1)																	
BLY	1.40	143.7	Pn	00:18:19.749	-1.2	T__	106.9	---	ML	2.3	5391135	FDSN	MN	--	BUD	iLoc	BHZ BHZ _
BLY	1.40	143.7	Sn	00:18:39.174	-0.8	T__		---			5391143	FDSN	MN	--	BUD	iLoc	BHE ??? _
(Reading ML: 2.3 magdef=1)																	
(Station ML: 2.3 magdef=1)																	
ARSA	1.41	346.1	Pn	00:18:20.233	-0.8	T__	76.0	---	ML	2.2	5391136	FDSN	OE	--	BUD	iLoc	BHZ BHZ _
ARSA	1.41	346.1	Lg	00:18:40.093	0.5	T__		---			5391144	FDSN	OE	--	BUD	iLoc	BHE ??? _
(Reading ML: 2.2 magdef=1)																	
(Station ML: 2.2 magdef=0)																	
MPLH	1.66	38.7	Pn	00:18:24.973	0.9	T__	48.3	---	ML	2.1	5391137	FDSN	HU	--	BUD	iLoc	BHZ BHZ _
MPLH	1.66	38.7	Sn	00:18:45.559	0.0	T__		---			5391145	FDSN	HU	--	BUD	iLoc	BHE ??? _
(Reading ML: 2.1 magdef=1)																	
(Station ML: 2.1 magdef=0)																	
EGYH	1.78	30.1	Sn	00:18:49.380	1.0	T__		---			5391146	FDSN	HU	--	BUD	iLoc	HHE ??? _
MORH	1.86	78.9	Pn	00:18:24.925	-1.6	T__	16.8	---	ML	1.8	5391138	FDSN	HU	--	BUD	iLoc	BHZ BHZ _
(Reading ML: 1.8 magdef=1)																	
MORH	1.86	78.9	Lg	00:18:54.668	0.1	T__		---			5391157	FDSN	HU	--	BUD	iLoc	BHE ??? _
(Station ML: 1.8 magdef=0)																	
HU08A	2.03	39.6	Pn	00:18:29.689	0.6	T__	53.7	---	ML	2.4	5391158	FDSN	ZJ	00	BUD	iLoc	HHZ HHZ _
(Reading ML: 2.4 magdef=1)																	

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(Station ML: 2.4 magdef=1
CONA 2.05 357.0 Pn 00:18:30.429 0.5 T__ 58.2 ___ ML 2.4 5391147 FDSN OE -- BUD iLoc BHZ BHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A007A 2.85 353.5 Pn 00:18:41.212 0.2 T__ 60.9 ___ ML 2.9 5391159 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 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
2020/03/26 08:21:52.67 1.27 1.19 48.0050 20.6463 7.2 4.6 158 0.0f 10 5 207 0.14 0.51 sx BUD 16000574 BUD 271

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```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD 16000574

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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 0.14 325.3 Pg 08:21:56.767 0.6 T__ 617.1 ___ ML 1.5 5394556 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.14 325.3 Lg 08:21:59.104 -0.1 T__ ___ 5394557 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.49 347.4 Pg 08:22:03.396 0.8 T__ 97.9 ___ ML 1.7 5394550 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.49 347.4 Lg 08:22:09.707 -0.5 T__ ___ 5394551 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ABAH 0.49 53.5 Pg 08:22:03.498 0.7 T__ 73.8 ___ ML 1.5 5394555 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.49 53.5 Lg 08:22:09.402 -1.9 T__ ___ 5394554 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.50 351.8 Pg 08:22:03.162 0.5 T__ 52.5 ___ ML 1.4 5394558 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.50 351.8 Lg 08:22:09.228 -1.2 T__ ___ 5394559 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
PSZ 0.51 260.6 Pg 08:22:04.465 0.6 T__ 51.4 ___ ML 1.4 5394552 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.51 260.6 Lg 08:22:10.419 -1.6 T__ ___ 5394553 FDSN GE -- BUD iLoc BHN ??? _
(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
2020/03/26 08:36:58.74 0.96 1.89 46.9634 17.2849 7.1 3.7 139 0.0f 10 7 100 0.09 1.20 sx BUD 16000576 BUD 136

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.0 3 BUD 16000576

```

```

Sta 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 0.09 263.1 Pg 08:37:00.101 -1.2 T__ 12534.3 ___ ML 2.7 5394611 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.09 263.1 Lg 08:37:03.946 0.4 T__ ___ 5394612 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
MPLH 0.27 40.0 Pg 08:37:04.269 -0.5 T__ 193.2 ___ ML 1.3 5394604 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.27 40.0 Lg 08:37:09.969 0.4 T__ ___ 5394605 FDSN HU -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1

```

(Station ML: 1.3 magdef=1

A263A	0.32	176.3	Lg	08:37:10.120	-0.7	T__	---	---	5394613	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
EGYH	0.46	4.0	Lg	08:37:16.826	1.1	T__	---	---	5394610	FDSN	HU	--	BUD	iLoc	HHE	???	_	
BEHE	0.61	215.6	Lg	08:37:22.793	3.1	T__	---	---	5394606	FDSN	HU	--	BUD	iLoc	BHE	???	_	
KOGS	0.88	234.5	Lg	08:37:30.732	3.2	T__	---	---	5394607	FDSN	SL	--	BUD	iLoc	BHN	???	_	
MORH	1.20	128.1	Pn	08:37:21.877	0.4	T__	14.4	---	ML	1.3	5394609	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
MORH	1.20	128.1	Sn	08:37:37.857	-1.1	T__	---	---	5394608	FDSN	HU	--	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
2020/03/26	10:03:49.88	0.29	0.74	47.8286	19.4467	6.4	2.3	157	0.0	0.0	17	0	146	0.13	1.45	kx	BUD	16000582	BUD			
2020/03/26	10:03:48.14	0.84	1.26	47.8920	19.4049f				0.0f		17	12	127	0.13	1.46	kx	BUD_GT	16000583	BUD			150

(locality : Bercel Hungary)

(description : known quarry blast)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.0	8 BUD	16000583

Sta	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	Lg	10:03:53.632	-0.3					T__					---	5394871	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
HU10A	0.26	259.9	Pg	10:03:54.233	0.3					T__	1312.7			---	ML	2.2	5394861	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.26	259.9	Lg	10:04:00.393	1.7					T__				---	---	5394862	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 2.2 magdef=1																									
(Station ML: 2.2 magdef=1																									
PSZ	0.33	85.2	Pg	10:03:55.310	-0.3					T__	224.5			---	ML	1.6	5394855	FDSN	GE	--	iLoc	BUD	BHZ	BHZ	_
PSZ	0.33	85.2	Lg	10:04:00.501	-0.8					T__				---	---	5394856	FDSN	GE	--	iLoc	BUD	BHN	???	_	
(Reading ML: 1.6 magdef=1																									
(Station ML: 1.6 magdef=0																									
BUD	0.48	212.3	Lg	10:04:04.165	-2.3					T__				---	---	5394857	FDSN	HU	--	iLoc	BUD	BHN	???	_	
A338A	0.72	280.3	Lg	10:04:14.869	0.3					T__				---	---	5394863	FDSN	Z3	00	iLoc	BUD	HH3	???	_	
HU02A	0.79	72.6	Pg	10:04:04.027	-0.5					T__	79.6			---	ML	1.8	5394864	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.79	72.6	Lg	10:04:16.163	-0.7					T__				---	---	5394865	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 1.8 magdef=1																									
(Station ML: 1.8 magdef=1																									
A335A	0.91	308.2	Pg	10:04:07.682	1.2					T__	144.6			---	ML	2.2	5394866	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1																									
(Station ML: 2.2 magdef=1																									
KECS	0.93	50.3	Pg	10:04:07.931	1.1					T__	150.9			---	ML	2.2	5394860	FDSN	SK	--	iLoc	BUD	EHZ	EHZ	_
KECS	0.93	50.3	Lg	10:04:20.450	-0.4					T__				---	---	5394859	FDSN	SK	--	iLoc	BUD	EHE	???	_	
(Reading ML: 2.2 magdef=1																									
(Station ML: 2.2 magdef=1																									
CSKK	0.94	236.1	Lg	10:04:19.636	-2.4					T__				---	---	5394858	FDSN	HU	--	iLoc	BUD	HHE	???	_	
JOS	0.97	51.1	Pg	10:04:08.539	1.1					T__	88.4			---	ML	2.0	5394867	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.97	51.1	Lg	10:04:22.092	-0.5					T__				---	---	5394868	FDSN	ZJ	--	iLoc	BUD	HHN	???	_	
(Reading ML: 2.0 magdef=1																									
(Station ML: 2.0 magdef=1																									
A332A	1.11	325.9	Pn	10:04:11.557	1.5					T__	113.1			---	ML	2.2	5394869	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1																									
(Station ML: 2.2 magdef=1																									
MPLH	1.46	240.9	Pn	10:04:16.451	1.7					T__	100.1			---	ML	2.3	5394870	FDSN	HU	--	iLoc	BUD	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
2020/03/26	10:18:17.13	0.96	1.05	48.5012	20.7536	4.8	3.5	21	0.0f		13	7	124	0.14	1.25	sx	BUD	16000584	BUD		198	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	6 BUD	16000584

Sta	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	267.9	Pg	10:18:19.362	-0.8					T__		272.0		___	ML	1.1	5394941	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	267.9	Lg	10:18:23.105	0.4					T__				---		5394942	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
KECS	0.18	264.3	Pg	10:18:19.887	-1.1					T__		965.2		___	ML	1.8	5394933	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.18	264.3	Lg	10:18:24.021	0.1					T__				---		5394934	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0																									
ABAH	0.38	122.2	Pg	10:18:24.034	-1.0					T__		97.0		___	ML	1.4	5394935	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	122.2	Lg	10:18:31.787	0.0					T__				---		5394938	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
HU02A	0.41	202.0	Pg	10:18:25.590	-0.3					T__		48.0		___	ML	1.1	5394943	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.41	202.0	Lg	10:18:34.016	1.4					T__				---		5394944	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0																									
PSZ	0.82	224.9	Pg	10:18:34.815	0.4					T__		60.6		___	ML	1.7	5394939	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.82	224.9	Lg	10:18:46.155	-0.7					T__				---		5394940	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
NIE	0.97	342.1	Pg	10:18:35.946	0.6					T__		28.1		___	ML	1.5	5394936	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.97	342.1	Lg	10:18:49.395	0.3					T__				---		5394937	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
TRPA	1.25	106.6	Sn	10:18:57.428	-2.2					T__				---		5394945	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
2020/03/26	12:24:54.01	0.94	0.40	48.3992	20.6378	4.7	3.3	55	0.0f		10	5	138	0.12	0.69	sx	BUD	16000586	BUD		229	

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.1	5 BUD	16000586

Sta	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	325.9	Pg	12:24:56.501	-0.1					T__		216.7		___	ML	1.0	5395001	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	325.9	Lg	12:24:58.418	-0.3					T__				---		5395002	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
KECS	0.13	309.7	Pg	12:24:57.137	0.2					T__		220.1		___	ML	1.0	5394995	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.13	309.7	Lg	12:24:59.325	0.1					T__				---		5394996	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.0 magdef=1																									

```

(Station ML: 1.0 magdef=1
HU02A 0.29 195.3 Pg 12:25:00.306 -0.1 T__ 53.5 --- ML 0.8 5395004 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.29 195.3 Lg 12:25:05.180 -0.2 T__ --- 5395003 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
ABAH 0.41 104.2 Pg 12:25:02.888 0.3 T__ 67.2 --- ML 1.3 5394998 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.41 104.2 Lg 12:25:08.994 -0.8 T__ --- 5394997 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.69 226.2 Pg 12:25:08.842 0.1 T__ 61.8 --- ML 1.7 5394999 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.69 226.2 Lg 12:25:19.834 0.4 T__ --- 5395000 FDSN GE -- BUD iLoc BHN ??? _
(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
2020/03/27 03:09:27.79 1.03 0.47 45.8981 16.0013 6.6 3.7 87 1.9 12.9 11 6 170 0.02 1.39 ke BUD 16000594 BUD 242

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.3 5 BUD 16000594

```

```

Sta 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 0.02 291.0 Pg 03:09:28.882 0.0 T__ 423.7 --- ML 1.0 5396153 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.02 291.0 Lg 03:09:29.922 -0.0 T__ --- 5396154 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
ZAG 0.07 188.0 Pg 03:09:29.583 0.2 T__ 1114.9 --- ML 1.5 5396156 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.07 188.0 Lg 03:09:30.357 -0.3 T__ --- 5396155 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CRES 0.39 259.5 Pg 03:09:35.122 -0.2 T__ 435.3 --- ML 2.0 5396157 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.39 259.5 Lg 03:09:41.289 0.2 T__ --- 5396158 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOGS 0.58 17.4 Pg 03:09:38.991 -0.2 T__ 420.5 --- ML 2.4 5396160 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.58 17.4 Lg 03:09:46.948 0.2 T__ --- 5396159 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
OBKA 1.18 301.7 Pn 03:09:51.362 -0.1 T__ 108.9 --- ML 2.2 5396161 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.18 301.7 Lg 03:10:06.985 1.1 T__ --- 5396162 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
ARSA 1.39 346.5 Lg 03:10:12.451 0.3 T__ --- 5396163 FDSN OE -- 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
2020/03/27 08:58:31.88 2.32 0.60 46.8847 22.8057 20.0 7.7 159 1.5 17.8 10 8 83 0.11 2.23 ke BUD 16000598 BUD 136

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.6 3 BUD 16000598

```

```

Sta 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	214.9	Pg	08:58:34.536	0.0	T__	432.0	_c_ ML	1.3	5399473	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
DRGR	0.11	214.9	Lg	08:58:36.713	-0.1	T__		---		5399474	FDSN	RO	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.3 magdef=1															
				(Station ML: 1.3 magdef=1															
CJR	0.57	107.2	Lg	08:58:51.867	-0.2	T__		---		5399469	FDSN	RO	--	BUD	iLoc	BHE	???	_	
TRPA	1.26	351.8	Sn	08:59:14.842	0.5	T__		---		5399475	FDSN	HU	--	BUD	iLoc	BHN	???	_	
GZR	1.49	180.8	Pn	08:58:59.848	0.6	T__	46.6	---	ML	2.0	5399470	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.49	180.8	Sn	08:59:19.580	-0.4	T__		---		5399468	FDSN	RO	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 2.0 magdef=1															
				(Station ML: 2.0 magdef=1															
BZS	1.51	213.5	Lg	08:59:21.082	-0.1	T__		---		5399471	FDSN	RO	--	BUD	iLoc	BHE	???	_	
LOT	1.59	154.7	Sn	08:59:22.291	-0.5	T__		---		5399472	FDSN	RO	--	BUD	iLoc	BHE	???	_	
BURAR	1.80	65.1	Pn	08:59:04.394	0.6	T__		---		5399476	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
PSZ	2.23	298.7	Pn	08:59:08.361	-0.8	T__	45.1	---	ML	2.4	5399477	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
				(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
2020/03/27	09:53:15.24	1.26	0.60	47.2253	18.2445	7.5	5.6	106	0.0f		11	7	107	0.08	1.31	sx	BUD	16000600	BUD		206	

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	4 BUD	16000600

Sta	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	343.4	Pg	09:53:17.719	0.2					T__		753.6		---	ML	1.4	5399544	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	343.4	Lg	09:53:19.439	-0.4					T__				---		5399545	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.4 magdef=1																					
				(Station ML: 1.4 magdef=1																					
CSKK	0.14	4.5	Pg	09:53:18.747	0.1					T__	364.6			---	ML	1.2	5399550	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.2 magdef=1																					
CSKK	0.14	4.5	Lg	09:53:21.047	-0.8					T__				---		5399540	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Station ML: 1.2 magdef=1																					
MSW1	0.17	3.4	Pg	09:53:20.092	0.9					T__	198.0			---	ML	1.1	5399546	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.17	3.4	Lg	09:53:22.107	-0.7					T__				---		5399547	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1																					
				(Station ML: 1.1 magdef=1																					
MSW3	0.18	333.0	Pg	09:53:19.752	0.4					T__	286.9			---	ML	1.3	5399548	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.18	333.0	Lg	09:53:23.033	-0.0					T__				---		5399549	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.3 magdef=1																					
				(Station ML: 1.3 magdef=1																					
MPLH	0.48	263.7	Lg	09:53:32.801	-0.2					T__				---		5399541	FDSN	HU	--	BUD	iLoc	BHN	???	_	
MORH	1.05	164.7	Lg	09:53:50.649	-0.7					T__				---		5399542	FDSN	HU	--	BUD	iLoc	BHE	???	_	
PSZ	1.31	57.6	Sn	09:53:59.404	-0.2					T__				---		5399543	FDSN	GE	--	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
2020/03/27	10:43:24.67	0.99	0.71	48.2368	21.2150	7.1	3.9	168	0.0f		12	7	154	0.06	1.01	sx	BUD	16000602	BUD		173	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	5 BUD	16000602

Sta	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	15.5	Pg	10:43:26.374	-0.1					T__		19324.5		___	ML	2.8	5399675	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=0)																									
HU02A	0.48	256.3	Pg	10:43:34.811	0.0					T__		58.1		___	ML	1.4	5399682	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	256.3	Lg	10:43:42.702	0.1					T__				---		5399683	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	0.52	300.2	Pg	10:43:35.597	0.5					T__		59.0		___	ML	1.5	5399680	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	300.2	Lg	10:43:42.184	-0.9					T__				---		5399681	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HOLU	0.83	69.1	Pg	10:43:42.048	1.3					T__				---		5399684	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
HOLU	0.83	69.1	Lg	10:43:54.539	-0.2					T__				---		5399685	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
TRPA	0.89	96.4	Pg	10:43:41.616	-0.4					T__		24.2		---	ML	1.4	5399676	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.89	96.4	Lg	10:43:55.977	-0.8					T__				---		5399677	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
PSZ	0.94	250.7	Pn	10:43:44.985	0.8					T__		64.3		---	ML	1.8	5399678	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.94	250.7	Lg	10:43:58.150	-0.5					T__				---		5399679	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MUKU	1.01	77.0	Pg	10:43:43.867	-0.2					T__				---		5399686	FDSN	UA	--	BUD	iLoc	MHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/03/27	11:21:27.11	0.98	1.18	46.0534	22.7877	6.4	4.2	79	0.0f		11	6	113	0.19	0.93	sx	BUD	16000604	BUD			175

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	16000604

Sta	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	154.6	Pg	11:21:30.331	-0.4					T__		1821.5		___	ML	2.1	5399747	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	0.19	154.6	Lg	11:21:33.234	-0.1					T__				---		5399746	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
GZR	0.66	180.7	Pg	11:21:39.568	-0.2					T__		73.3		___	ML	1.7	5399748	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.66	180.7	Lg	11:21:49.049	-0.1					T__				---		5399749	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	0.74	355.9	Pg	11:21:41.650	-0.4					T__		73.9		___	ML	1.8	5399744	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.74	355.9	Lg	11:21:52.241	-1.8					T__				---		5399751	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CJR	0.87	40.1	Lg	11:22:00.127	2.5					T__				---		5399745	FDSN	RO	--	BUD	iLoc	BHN	???	_	
LOT	0.92	131.0	Pg	11:21:45.469	0.8					T__		191.6		---	ML	2.3	5399753	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
LOT	0.92	131.0	Lg	11:21:57.658	-0.4					T__				---		5399752	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
BZS	0.93	242.3	Pg	11:21:45.663	0.5					T__		40.1		___	ML	1.6	5399750	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.93	242.3	Lg	11:21:58.916	0.6					T__				---		5399754	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(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
2020/03/27	12:10:29.86	1.63	1.21	46.1378	21.6162	14.7	6.0	119	0.0f		7	4	204	0.52	1.10	sx	BUD	16000606	BUD			287

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	3 BUD	16000606

Sta	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	0.52	180.0	Pg	12:10:40.324	0.1					T__		38.9		___	ML	1.3	5399801	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.52	180.0	Lg	12:10:46.999	-0.7					T__				---		5399802	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
BANR	0.83	204.2	Lg	12:10:57.834	-0.0					T__				---		5399803	FDSN	RO	--	BUD	iLoc	BHE	???	_	
DRGR	1.00	48.8	Pg	12:10:50.095	0.3					T__		49.6		---	ML	1.8	5399798	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.00	48.8	Lg	12:11:02.707	-1.9					T__				---		5399804	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
GZR	1.10	132.1	Pg	12:10:51.836	1.0					T__		61.2		___	ML	1.9	5399800	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.10	132.1	Lg	12:11:05.379	-0.8					T__				---		5399799	FDSN	RO	--	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	
2020/03/27	13:20:05.02	0.61	0.77	47.9220	20.1364	18.8	3.4	158	0.0	0.0	8	0	184	0.16	1.39	kx	BUD	16000608	BUD				
2020/03/27	13:20:02.74	1.00	0.85	47.8650	20.1529f				0.0f		8	5	190	0.18	1.38	kx	BUD_GT	16000609	BUD			228	
(locality : Kisnána Hungary)																							
(description : known quarry blast)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	16000609

Sta	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	13:20:07.562	0.3					T__		470.6		___	ML	1.5	4918411	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.18	287.2	Lg	13:20:10.615	-0.2					T__				---		4918412	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.36	44.0	Pg	13:20:10.127	-0.4					T__		110.2		___	ML	1.3	4918416	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	13:20:15.855	-0.9					T__				---		4918417	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
JOS	0.68	22.1	Pg	13:20:16.576	0.2					T__		37.5		___	ML	1.5	4918418	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.85	59.0	Pg	13:20:20.997	1.4					T__		55.7		___	ML	1.7	4918413	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.85	59.0	Lg	13:20:32.600	-0.7					T__				---		4918414	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CSKK	1.38	249.3	Sn	13:20:49.089	1.2					T__				---		4918415	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
2020/03/27	15:08:00.87	1.03	0.59	45.9035	16.0051	6.5	4.2	125	1.0f	12	7	146	0.03	1.39	ke	BUD	16000610	BUD			215	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	16000610

Sta	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	277.6	Pg	15:08:02.108	0.2					T__		3735.9		___	ML	1.9	5400089	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	277.6	Lg	15:08:03.003	0.0					T__				---		5400090	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ZAG	0.08	189.4	Pg	15:08:02.543	-0.1					T__		2503.8		___	ML	1.9	5400092	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	189.4	Lg	15:08:03.874	-0.1					T__				---		5400091	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
CRES	0.39	258.8	Pg	15:08:08.783	0.3					T__		250.8		___	ML	1.8	5400093	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	258.8	Lg	15:08:13.160	-1.1					T__				---		5400094	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
KOGS	0.57	17.3	Pg	15:08:11.975	-0.2					T__		687.1		___	ML	2.7	5400096	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.57	17.3	Lg	15:08:19.303	-0.4					T__				---		5400095	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
BEHE	0.78	43.1	Lg	15:08:27.466	0.6					T__				---		5400097	FDSN	HU	--	BUD	iLoc	BHE	???	_	
OBKA	1.18	301.4	Pg	15:08:24.225	1.0					T__		79.8		___	ML	2.1	5400099	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.18	301.4	Lg	15:08:39.510	0.5					T__				---		5400098	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ARSA	1.39	346.3	Pn	15:08:26.982	-0.0					T__		39.9		___	ML	1.9	5400100	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(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	
2020/03/27	19:51:17.64	1.02	0.45	47.3887	18.1385	5.8	2.8	3	2.6	6.5	10	6	160	0.01	0.46	ke	BUD	16000614	BUD			205	

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.2	5 BUD	16000614

Sta	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	0.01	236.2	Pg	19:51:18.676	0.3					T__		3542.1		_d	ML	1.9	5400308	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MSW3	0.01	236.2	Lg	19:51:18.923	-0.3					T__				---		5400309	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
MSW1	0.08	87.0	Pg	19:51:19.843	0.2					T__		179.6		___	ML	0.8	5400311	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MSW1	0.08	87.0	Lg	19:51:21.030	-0.5					T__				---		5400310	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CSKK	0.09	107.1	Pg	19:51:20.018	0.3					T__		261.5		___	ML	1.0	5400315	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 1.0 magdef=1)																									
CSKK	0.09	107.1	Lg	19:51:21.606	-0.1					T__				---		5400306	FDSN	HU	--	iLoc	BUD	HHN	???	_	

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(Station ML: 1.0 magdef=1
MSW2 0.10 150.3 Pg 19:51:20.227 0.2 T__ 122.7 ___ ML 0.7 5400312 FDSN HU -- iLoc BUD HHZ HHZ _
MSW2 0.10 150.3 Lg 19:51:22.146 0.0 T__ ___ 5400313 FDSN HU -- iLoc BUD HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
HU08A 0.15 286.4 Pg 19:51:21.284 0.3 T__ 58.2 ___ ML 0.5 5400314 FDSN ZJ 00 iLoc BUD HHZ HHZ _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=0
MPLH 0.46 242.0 Lg 19:51:33.239 -0.7 T__ ___ 5400307 FDSN HU -- iLoc BUD 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
2020/03/27 22:04:40.67 1.81 0.44 45.8995 16.0212 10.4 4.4 78 0.3 4.7 13 9 101 0.04 1.65 ke BUD 16000618 BUD 155

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Magnitude Err Nsta Author OrigID
ML 1.9 0.3 4 BUD 16000618

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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 0.04 281.5 Pg 22:04:41.868 -0.1 T__ 2449.4 ___ ML 1.8 5400529 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.04 281.5 Lg 22:04:42.860 -0.4 T__ ___ 5400528 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ZAG 0.08 198.2 Pg 22:04:42.449 0.0 T__ 3564.0 ___ ML 2.1 5400526 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.08 198.2 Lg 22:04:43.755 -0.1 T__ ___ 5400527 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CRES 0.40 259.6 Pg 22:04:48.531 0.0 T__ 163.0 ___ ML 1.6 5400530 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.40 259.6 Lg 22:04:54.674 0.3 T__ ___ 5400531 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOGS 0.57 16.1 Pg 22:04:51.820 -0.3 T__ 326.1 ___ ML 2.3 5400533 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.57 16.1 Lg 22:05:00.333 0.5 T__ ___ 5400532 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
BEHE 0.77 42.3 Lg 22:05:06.984 -0.0 T__ ___ 5400534 FDSN HU -- BUD iLoc BHE ??? _
OBKA 1.19 301.3 Lg 22:05:19.657 0.5 T__ ___ 5400535 FDSN OE -- BUD iLoc BHN ??? _
ARSA 1.39 345.9 Lg 22:05:25.897 0.8 T__ ___ 5400537 FDSN OE -- BUD iLoc BHE ??? _
BLY 1.41 144.1 Lg 22:05:26.526 0.1 T__ ___ 5400536 FDSN MN -- BUD iLoc BHN ??? _
MPLH 1.65 39.0 Sn 22:05:31.266 -0.3 T__ ___ 5400538 FDSN HU -- 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
2020/03/28 07:42:12.28 1.15 0.83 45.9002 16.0414 6.4 4.1 104 1.0f 9 5 192 0.05 1.20 ke BUD 16000622 BUD 266

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 16000622

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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 0.05 277.6 Pg 07:42:13.478 -0.3 T__ 1296.1 ___ ML 1.6 5401535 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.05 277.6 Lg 07:42:14.566 -0.7 T__ ___ 5401536 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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ZAG	0.08	207.5	Pg	07:42:14.058	-0.0	T__	1863.4	___	ML	1.8	5401538	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	207.5	Lg	07:42:15.146	-0.4	T__		---			5401537	FDSN	CR	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
CRES	0.42	259.9	Pg	07:42:21.193	0.8	T__	224.4	___	ML	1.8	5401541	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.42	259.9	Lg	07:42:26.537	0.0	T__		---			5401539	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KOGS	0.57	14.8	Pg	07:42:23.127	-0.4	T__	328.5	___	ML	2.3	5401542	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.57	14.8	Lg	07:42:31.810	0.8	T__		---			5401540	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
OBKA	1.20	301.0	Lg	07:42:52.511	1.4	T__		---			5401543	FDSN	OE	--	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
2020/03/28	12:48:58.50	1.10	0.48	45.8923	16.0336	7.3	4.5	118	1.0f		14	8	105	0.05	1.65	ke	BUD	16000624	BUD			167

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	6 BUD	16000624

Sta	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	0.05	287.8	Pg	12:48:59.611	-0.4					T__		3363.8		---	ML	2.0	5401610	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.05	287.8	Lg	12:49:00.724	-0.6					T__				---		5401609	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ZAG	0.07	206.5	Pg	12:49:00.434	0.3					T__	4354.7		---	ML	2.1	5401607	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
ZAG	0.07	206.5	Lg	12:49:01.546	0.1					T__			---			5401608	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
CRES	0.41	260.9	Pg	12:49:06.528	0.1					T__	415.5		---	ML	2.1	5401611	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	0.41	260.9	Lg	12:49:12.623	0.1					T__			---			5401612	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KOGS	0.58	15.1	Pg	12:49:09.866	-0.1					T__	554.8		---	ML	2.6	5401614	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	0.58	15.1	Lg	12:49:17.653	0.2					T__			---			5401613	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
OBKA	1.20	301.4	Pg	12:49:22.103	0.8					T__	55.1		---	ML	1.9	5401615	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
OBKA	1.20	301.4	Lg	12:49:37.485	0.1					T__			---			5401616	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
BLY	1.40	144.2	Lg	12:49:42.999	-0.8					T__			---			5401617	FDSN	MN	--	BUD	iLoc	BHE	???	_	
ARSA	1.40	345.7	Pn	12:49:24.957	0.1					T__	38.5		---	ML	1.9	5401619	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
ARSA	1.40	345.7	Sn	12:49:44.160	0.7					T__			---			5401618	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
MPLH	1.65	38.6	Sn	12:49:49.522	0.3					T__			---			5401620	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	
2020/03/28	23:34:56.58	1.27	0.57	47.3268	18.1670	5.3	4.4	14	6.5	7.4	12	8	86	0.04	1.16	ke	BUD	16000628	BUD				138

Magnitude Err Nsta Author OrigID
 ML 0.6 0.2 6 BUD 16000628

Sta	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	129.4	Pg	23:34:58.470	0.2					T__		171.9		_c_	ML	0.6	5402459	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MSW2	0.04	129.4	Lg	23:34:59.463	-0.4					T__				---		5402458	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
MSW3	0.06	333.7	Pg	23:34:58.883	0.4					T__		67.8		_c_	ML	0.3	5402456	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MSW3	0.06	333.7	Lg	23:35:00.155	-0.1					T__				---		5402457	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=0)																									
CSKK	0.07	60.3	Pg	23:34:59.046	0.3					T__		1001.9		---	ML	1.5	5402452	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.07	60.3	Lg	23:35:00.448	-0.2					T__				---		5402453	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
MSW1	0.09	43.4	Pg	23:34:59.240	0.2					T__		66.6		_d_	ML	0.4	5402460	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MSW1	0.09	43.4	Lg	23:35:00.390	-0.8					T__				---		5402461	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
HU08A	0.20	302.4	Pg	23:35:00.905	0.0					T__		51.9		---	ML	0.6	5402462	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
HU09A	0.34	25.0	Pg	23:35:03.887	0.2					T__		93.6		---	ML	1.2	5402463	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MPLH	0.46	250.1	Lg	23:35:12.589	-0.1					T__				---		5402454	FDSN	HU	--	iLoc	BUD	BHN	???	_	
MORH	1.16	163.4	Sn	23:35:35.516	1.1					T__				---		5402455	FDSN	HU	--	iLoc	BUD	BHE	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2020/03/30 04:05:57.52 0.92 1.54 47.4216 19.4454 4.6 3.3 52 1.8 18.1 13 9 77 0.14 1.33 ke BUD 16000634 BUD 121

Magnitude Err Nsta Author OrigID
 ML 1.5 0.2 5 BUD 16000634

Sta	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	0.14	122.9	Pg	04:06:00.779	-0.1					T__		445.0		---	ML	1.3	5405394	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	0.14	122.9	Lg	04:06:03.539	0.1					T__				---		5405395	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
BUD	0.29	282.4	Lg	04:06:07.809	-0.8					T__				---		5405392	FDSN	HU	--	BUD	iLoc	BHN	???	_	
HU03A	0.49	12.1	Lg	04:06:15.287	0.1					T__				---		5405396	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.51	325.9	Pg	04:06:08.335	0.3					T__		62.3		---	ML	1.5	5405397	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	0.58	31.2	Pg	04:06:10.887	1.0					T__		64.5		---	ML	1.6	5405390	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.58	31.2	Lg	04:06:16.860	-1.9					T__				---		5405389	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU23A	0.59	67.9	Lg	04:06:18.573	-0.0					T__				---		5405398	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU04A	0.61	177.9	Lg	04:06:19.732	0.1					T__				---		5405399	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

HU02A	1.01	45.7	Pn	04:06:16.430	-1.0	T__	42.4	___	ML	1.7	5405401	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.01	45.7	Sn	04:06:29.800	-3.3	T__		---			5405400	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
MORH	1.33	204.8	Pn	04:06:23.100	1.6	T__	12.0	___	ML	1.3	5405391	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.33	204.8	Sn	04:06:41.419	1.2	T__		---			5405393	FDSN	HU	--	BUD	iLoc	BHN	???	_
(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
2020/03/30	06:01:53.20	0.94	0.94	47.6593	20.2930	4.6	3.3	98	15.6	8.4	23	13	96	0.04	1.83	ke	BUD	16000636	BUD		138	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.4	9 BUD	16000636

Sta	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	0.04	235.3	Pg	06:01:55.850	-0.5					T__		9441.7		___	ML	2.4	5405524	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.04	235.3	Lg	06:01:58.335	-0.4					T__				---		5405525	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
BSZH	0.36	182.8	Pg	06:02:01.577	0.1					T__		272.7		___	ML	1.7	5405517	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.36	182.8	Lg	06:02:07.852	0.8					T__				---		5405518	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.37	314.1	Pg	06:02:01.932	0.2					T__		165.1		___	ML	1.6	5405515	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.37	314.1	Lg	06:02:07.448	-0.4					T__				---		5405516	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU02A	0.49	18.5	Pg	06:02:03.137	-0.5					T__		185.7		___	ML	1.9	5405527	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_
HU02A	0.49	18.5	Lg	06:02:10.446	-0.8					T__				---		5405528	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	0.53	297.9	Lg	06:02:13.233	0.9					T__				---		5405526	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU01A	0.55	235.6	Pg	06:02:04.103	-1.2					T__		520.8		___	ML	2.5	5405529	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	0.55	235.6	Lg	06:02:14.041	0.6					T__				---		5405530	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
KECS	0.83	8.8	Sn	06:02:23.153	1.8					T__				---		5405513	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.85	11.1	Pn	06:02:09.706	0.5					T__		125.5		___	ML	2.1	5405533	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.85	11.1	Lg	06:02:22.448	0.2					T__				---		5405534	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
BUD	0.88	258.9	Sn	06:02:23.019	0.7					T__				---		5405521	FDSN	HU	--	BUD	iLoc	BHE	???	_	
HU10A	0.88	282.7	Pg	06:02:11.792	0.7					T__		107.0		___	ML	2.0	5405531	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.88	282.7	Lg	06:02:24.253	-0.3					T__				---		5405532	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ABAH	0.90	44.6	Pn	06:02:10.778	1.0					T__		238.5		___	ML	2.4	5405514	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.90	44.6	Lg	06:02:24.696	0.6					T__				---		5405522	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
HU24A	0.95	141.5	Lg	06:02:26.877	1.0					T__				---		5405535	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

MORH	1.83	218.6	Pg	06:02:28.458	-1.0	T__	14.7	___	ML	1.7	5405519	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.83	218.6	Sn	06:02:46.407	1.4	T__		---			5405520	FDSN	HU	--	BUD	iLoc	BHE	???	_
MORH	1.83	218.6	Lg	06:02:53.420	-1.5	T__		---			5405523	FDSN	HU	--	BUD	iLoc	BHE	???	_

(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
2020/03/30	06:40:13.96	1.00	0.55	47.3775	17.5434	5.6	4.8	29	1.0f	7	6	152	0.15	0.49	sx	BUD	16000638	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	
EGYH	0.15	285.5	Pg	06:40:17.409	0.1				T__			589.8		---	ML	1.5	5405581	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.21	180.7	Pg	06:40:18.631	0.2				T__			229.7		---	ML	1.2	5405582	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.21	180.7	Lg	06:40:21.582	-0.3				T__					---		5405583	FDSN	HU	--	BUD	iLoc	BHN	???	_	
HU08A	0.26	78.1	Lg	06:40:23.798	-0.1				T__					---		5405584	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW3	0.40	89.0	Lg	06:40:28.148	-0.3				T__					---		5405585	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW2	0.46	99.2	Lg	06:40:30.069	-0.7				T__					---		5405586	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.49	91.4	Lg	06:40:32.440	0.6				T__					---		5405587	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
2020/03/30	07:19:59.47	1.12	1.33	48.5970	19.3002	6.9	5.0	7	1.0f	12	7	165	0.59	1.33	sx	BUD	16000640	BUD			262	

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 5 BUD 16000640

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A332A	0.59	290.9	Lg	07:20:18.556	-1.1				T__					---		5405642	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU10A	0.78	194.2	Lg	07:20:27.245	-0.1				T__					---		5405643	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.79	149.5	Pg	07:20:17.009	1.0				T__			74.3		---	ML	1.8	5405634	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 1.8 magdef=1																					
PSZ	0.79	149.5	Lg	07:20:26.400	-1.4				T__					---		5405637	FDSN	GE	--	BUD	iLoc	BHN	???	_	
				(Station ML: 1.8 magdef=1																					
KECS	0.80	97.8	Pg	07:20:16.398	1.2				T__			110.3		---	ML	2.0	5405633	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.80	97.8	Lg	07:20:26.577	-0.5				T__					---		5405632	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.0 magdef=1																					
				(Station ML: 2.0 magdef=1																					
JOS	0.83	96.6	Pg	07:20:16.347	0.5				T__			91.3		---	ML	1.9	5405638	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.83	96.6	Lg	07:20:27.348	-0.8				T__					---		5405639	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1																					
				(Station ML: 1.9 magdef=1																					
HU02A	0.95	119.7	Pg	07:20:18.644	-0.1				T__			55.2		---	ML	1.8	5405640	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.95	119.7	Lg	07:20:30.756	-2.1				T__					---		5405641	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1																					
				(Station ML: 1.8 magdef=0																					
ABAH	1.33	102.4	Pg	07:20:26.373	1.2				T__			70.4		---	ML	2.1	5405635	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.33	102.4	Sn	07:20:45.304	2.0				T__					---		5405636	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
2020/03/30	08:54:38.52	0.97	0.59	48.5171	20.7667	5.4	3.4	0	0.0f	12	7	117	0.15	1.08	sx	BUD	16000642	BUD			186	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	6 BUD	16000642

Sta	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	262.1	Pg	08:54:41.729	-0.1					T__		189.2		___	ML	1.0	5405700	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	262.1	Lg	08:54:45.105	0.7					T__				---		5405701	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
KECS	0.19	259.8	Pg	08:54:42.256	-0.3					T__		487.6		___	ML	1.5	5405695	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.19	259.8	Lg	08:54:46.302	0.6					T__				---		5405696	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.39	124.9	Pg	08:54:46.682	0.2					T__		120.5		___	ML	1.5	5405697	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	124.9	Lg	08:54:52.442	-0.8					T__				---		5405698	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.43	202.3	Pg	08:54:47.728	0.1					T__		43.2		___	ML	1.1	5405702	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.43	202.3	Lg	08:54:55.242	0.6					T__				---		5405703	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.84	224.6	Pg	08:54:55.489	-0.7					T__		63.1		___	ML	1.8	5405704	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.84	224.6	Lg	08:55:07.967	-0.8					T__				---		5405694	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
STHS	0.95	19.1	Pg	08:54:56.184	-0.1					T__		68.8		___	ML	1.9	5405699	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
HOLU	1.08	88.9	Pg	08:54:59.092	-0.0					T__				---		5405705	FDSN	UA	--	BUD	iLoc	MHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/03/30	09:54:25.00	1.15	0.53	48.4164	19.6167	7.4	5.0	168	0.0f	10	6	169	0.53	1.09	sx	BUD	16000644	BUD			282	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	16000644

Sta	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	0.53	159.4	Pg	09:54:37.028	0.5					T__		65.9		___	ML	1.6	5405753	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.53	159.4	Lg	09:54:44.356	-0.6					T__				---		5405754	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.58	83.1	Pg	09:54:36.722	0.0					T__		90.0		___	ML	1.8	5405752	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.58	83.1	Lg	09:54:45.781	0.2					T__				---		5405751	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.62	82.3	Pg	09:54:37.326	-0.1					T__		73.5		___	ML	1.7	5405757	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.62	82.3	Lg	09:54:46.866	0.1					T__				---		5405758	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									


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(Station ML: 1.7 magdef=1
HU02A 0.67 115.5 Pg 09:54:39.228 0.2 T__ 49.7 --- ML 1.6 5405759 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.67 115.5 Lg 09:54:48.860 -0.8 T__ --- 5405760 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A335A 0.85 272.5 Lg 09:54:55.058 -0.3 T__ --- 5405756 FDSN Z3 00 BUD iLoc HHZ ??? _
ABAH 1.09 95.7 Sn 09:55:04.000 0.7 T__ --- 5405755 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
2020/03/31 09:01:03.15 1.19 1.06 48.9867 20.3218 22.4 4.2 73 0.0f 9 5 149 0.43 1.28 ke BUD 16000650 BUD 176

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Magnitude Err Nsta Author OrigID
ML 2.0 0.2 4 BUD 16000650

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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
NIE 0.43 358.1 Pg 09:01:11.684 0.3 T__ 74.3 --- ML 1.4 5407623 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.43 358.1 Lg 09:01:16.569 -1.0 T__ --- 5407624 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.52 167.8 Lg 09:01:20.641 -0.6 T__ --- 5407625 FDSN SK -- BUD iLoc EHN ??? _
ABAH 0.92 138.3 Pg 09:01:21.862 0.6 T__ 84.9 --- ML 1.9 5407627 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.92 138.3 Lg 09:01:34.432 -0.7 T__ --- 5407626 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 1.11 195.1 Pn 09:01:25.170 0.0 T__ 82.0 --- ML 2.0 5407628 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 1.11 195.1 Sn 09:01:40.590 -2.0 T__ --- 5407629 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
OJC 1.28 344.8 Pn 09:01:27.816 -0.1 T__ 107.6 --- ML 2.2 5407631 FDSN PL -- BUD iLoc BHZ BHZ _
OJC 1.28 344.8 Lg 09:01:45.323 0.5 T__ --- 5407630 FDSN PL -- BUD iLoc BHN ??? _
(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
2020/03/31 09:02:32.28 4.17 1.57 46.9021 22.8254 59.5 22.1 134 0.0f 7 4 299 0.14 1.60 sx BUD 16000652 BUD 325

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.1 3 BUD 16000652

```

```

Sta 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 0.14 215.4 Pg 09:02:35.214 -0.1 T__ 386.7 --- ML 1.3 5407672 FDSN RO -- BUD iLoc BHZ BHZ _
DRGR 0.14 215.4 Lg 09:02:38.075 0.1 T__ --- 5407675 FDSN RO -- BUD iLoc BHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
GZR 1.51 181.3 Pn 09:03:00.584 0.5 T__ 56.0 --- ML 2.1 5407673 FDSN RO -- BUD iLoc BHZ BHZ _
GZR 1.51 181.3 Sn 09:03:22.382 1.1 T__ --- 5407676 FDSN RO -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
BZS 1.54 213.6 Pn 09:03:00.930 0.8 T__ 47.6 --- ML 2.0 5407678 FDSN RO -- BUD iLoc BHZ BHZ _
BZS 1.54 213.6 Sn 09:03:23.567 2.2 T__ --- 5407677 FDSN RO -- BUD iLoc BHN ??? _

```

(Reading ML: 2.0 magdef=1
 (Station ML: 2.0 magdef=1
 LOT 1.60 155.4 Sn 09:03:22.254 -1.7 T__ --- 5407674 FDSN RO -- 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
2020/03/31	09:14:22.65	1.19	0.85	47.3340	18.3213	6.9	3.7	101	0.0f	12	7	108	0.05	1.21	sx	BUD	16000654	BUD			186	

Magnitude Err Nsta Author OrigID
 ML 1.2 0.3 5 BUD 16000654

Sta	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	305.1	Pg	09:14:25.062	0.7					T__		1112.7		---	ML	1.5	5407865	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.05	305.1	Lg	09:14:25.761	-0.4					T__				---		5407857	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0																										
MSW1	0.07	324.3	Pg	09:14:25.252	0.5					T__		899.7		---	ML	1.5	5407859	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW1	0.07	324.3	Lg	09:14:26.292	-0.6					T__				---		5407860	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																										
MSW2	0.08	247.1	Pg	09:14:25.594	0.7					T__		210.1		---	ML	0.8	5407862	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW2	0.08	247.1	Lg	09:14:26.774	-0.5					T__				---		5407858	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																										
MSW3	0.14	290.4	Pg	09:14:26.355	0.3					T__		139.1		---	ML	0.8	5407863	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW3	0.14	290.4	Lg	09:14:28.204	-1.0					T__				---		5407861	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=0																										
HU09A	0.31	7.7	Lg	09:14:34.615	-0.3					T__				---		5407864	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
MORH	1.14	168.7	Pn	09:14:44.566	0.0					T__		12.4		---	ML	1.2	5407856	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	1.14	168.7	Lg	09:15:00.800	-1.1					T__				---		5407855	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																										
PSZ	1.21	60.6	Sn	09:15:03.090	-1.5					T__				---		5407854	FDSN	GE	--	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
2020/03/31	09:20:23.79	0.85	1.55	46.9508	17.3625	5.0	2.8	144	0.0f	21	15	56	0.15	1.41	sx	BUD	16000656	BUD			90	

Magnitude Err Nsta Author OrigID
 ML 2.1 0.4 7 BUD 16000656

Sta	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	270.5	Pg	09:20:26.108	-1.3					T__		24582.9		---	ML	3.1	5408012	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A261A	0.15	270.5	Lg	09:20:32.101	1.8					T__				---		5408003	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=0																										
MPLH	0.25	28.8	Pg	09:20:28.274	-1.2					T__		501.7		---	ML	1.7	5407993	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.25	28.8	Lg	09:20:33.465	-0.5					T__				---		5407992	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0																										
A263A	0.31	186.0	Lg	09:20:34.990	-0.5					T__				---		5408004	FDSN	Z3	00	BUD	iLoc	HHE	???	_		

EGYH	0.47	357.4	Lg	09:20:42.625	1.5	T__								5407994	FDSN	HU	--	BUD	iLoc	HHE	???	_
A262A	0.58	261.7	Lg	09:20:45.776	2.3	T__								5408005	FDSN	Z3	00	BUD	iLoc	HHN	???	_
HU08A	0.61	38.3	Lg	09:20:44.594	-2.0	T__								5408006	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BEHE	0.63	220.2	Pg	09:20:36.111	-0.6	T__								5407995	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.63	220.2	Lg	09:20:46.289	0.8	T__								5407996	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
MSW3	0.68	50.0	Pg	09:20:38.198	0.6	T__								5408007	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.68	50.0	Lg	09:20:50.384	1.6	T__								5408008	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
CSKK	0.74	55.7	Pg	09:20:38.402	-0.4	T__								5407997	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																						
CSKK	0.74	55.7	Lg	09:20:52.928	1.8	T__								5408011	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Station ML: 3.0 magdef=1)																						
A266A	0.75	124.1	Lg	09:20:51.952	1.8	T__								5408009	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A267A	0.77	89.9	Lg	09:20:51.651	-0.0	T__								5408010	FDSN	Z3	00	BUD	iLoc	HHN	???	_
KOGS	0.92	237.1	Pg	09:20:40.743	-1.1	T__								5407998	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.92	237.1	Lg	09:20:54.534	0.8	T__								5407999	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=1)																						
MORH	1.15	129.3	Sn	09:21:00.437	-2.4	T__								5408000	FDSN	HU	--	BUD	iLoc	BHE	???	_
ARSA	1.29	284.1	Pn	09:20:49.903	1.5	T__								5408001	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
CONA	1.41	314.4	Sn	09:21:11.939	2.3	T__								5408002	FDSN	OE	--	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
2020/03/31	09:47:01.79	2.03	1.36	47.3840	18.3373	11.2	6.0	76	0.0f		14	8	142	0.05	1.19	sx	BUD	16000658	BUD			249

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD	16000658

Sta	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	279.5	Pg	09:47:03.157	-0.4					T__		1040.4			ML	1.5	5408134	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.05	279.5	Lg	09:47:04.575	-0.8					T__						5408133	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CSKK	0.06	248.2	Pg	09:47:03.555	-0.0					T__		1567.5			ML	1.7	5408141	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	248.2	Lg	09:47:04.473	-1.0					T__						5408132	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MSW2	0.12	226.5	Pg	09:47:04.755	-0.0					T__		237.4			ML	1.0	5408135	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.12	226.5	Lg	09:47:06.813	-0.8					T__						5408136	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
MSW3	0.14	269.7	Pg	09:47:05.081	-0.2					T__		185.4			ML	1.0	5408137	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.14	269.7	Lg	09:47:07.769	-0.6					T__						5408138	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
HU08A	0.28	279.7	Lg	09:47:15.066	1.9					T__						5408140	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.58	248.8	Pg	09:47:14.012	0.2					T__		46.0			ML	1.5	5408139	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

```

(Reading ML: 1.5 magdef=1
MPLH 0.58 248.8 Lg 09:47:25.035 2.2 T__ --- 5408128 FDSN HU -- BUD iLoc BHN ??? _
(Station ML: 1.5 magdef=1
PSZ 1.18 62.5 Pn 09:47:24.475 -0.2 T__ 69.0 --- ML 2.0 5408129 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 1.18 62.5 Sn 09:47:40.455 -2.5 T__ --- 5408130 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
MORH 1.19 169.7 Sn 09:47:40.608 -1.6 T__ --- 5408131 FDSN HU -- 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
2020/03/31 10:03:59.63 0.35 0.78 47.5458 18.4433 5.5 3.1 137 0.0 0.0 12 0 114 0.10 0.72 kx BUD 16000660 BUD
2020/03/31 10:03:57.61 0.91 0.89 47.5600 18.4573f 0.0f 12 8 112 0.09 0.74 kx BUD_GT 16000661 BUD 174
(locality : Tatabánya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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```

Magnitude Err Nsta Author OrigID
ML 1.4 0.2 4 BUD 16000661

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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 Lg 10:04:02.008 -0.4 T__ --- 5408241 FDSN ZJ 00 iLoc BUD HHE ??? _
MSW1 0.21 218.9 Pg 10:04:02.296 -0.1 T__ 196.1 --- ML 1.2 5408242 FDSN HU -- iLoc BUD HHZ HHZ _
MSW1 0.21 218.9 Lg 10:04:06.470 -0.2 T__ --- 5408243 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.24 214.2 Pg 10:04:02.861 -0.0 T__ 331.6 --- ML 1.5 5408249 FDSN HU -- iLoc BUD HHZ HHZ _
CSKK 0.24 214.2 Lg 10:04:05.938 -1.6 T__ --- 5408238 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW3 0.29 231.9 Pg 10:04:04.978 1.2 T__ 298.9 --- ML 1.6 5408246 FDSN HU -- iLoc BUD HHZ HHZ _
MSW3 0.29 231.9 Lg 10:04:07.450 -1.6 T__ --- 5408247 FDSN HU -- iLoc BUD HHZ ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MSW2 0.31 213.1 Pg 10:04:04.815 0.6 T__ 137.3 --- ML 1.3 5408244 FDSN HU -- iLoc BUD HHZ HHZ _
MSW2 0.31 213.1 Lg 10:04:09.044 -0.8 T__ --- 5408245 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
BUD 0.39 101.0 Lg 10:04:12.147 -0.7 T__ --- 5408239 FDSN HU -- iLoc BUD BHE ??? _
HU10A 0.47 52.8 Lg 10:04:15.869 0.3 T__ --- 5408248 FDSN ZJ 00 iLoc BUD HHN ??? _
MPLH 0.74 238.3 Lg 10:04:24.157 0.6 T__ --- 5408240 FDSN HU -- iLoc BUD BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/04/01 06:41:00.33 1.02 0.40 45.8830 16.0152 6.8 3.9 124 1.5f 13 7 157 0.04 1.41 ke BUD 16000668 BUD 220

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Magnitude Err Nsta Author OrigID
ML 2.0 0.1 6 BUD 16000668

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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 0.04 306.1 Pg 06:41:01.256 -0.4 T__ 3490.3 --- ML 2.0 5409814 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.04 306.1 Lg 06:41:02.631 -0.3 T__ --- 5409813 FDSN CR -- BUD iLoc BHE ??? _

```

```

(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ZAG 0.06 199.4 Pg 06:41:01.664 -0.1 T__ 9672.9 ___ ML 2.5 5409811 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.06 199.4 Lg 06:41:02.783 -0.0 T__ ___ 5409812 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
CRES 0.39 261.9 Pg 06:41:08.208 0.2 T__ 420.5 ___ ML 2.0 5409819 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.39 261.9 Lg 06:41:14.264 0.4 T__ ___ 5409818 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOGS 0.59 16.0 Pg 06:41:11.414 -0.5 T__ 686.5 ___ ML 2.7 5409820 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.59 16.0 Lg 06:41:19.913 0.3 T__ ___ 5409821 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
BEHE 0.79 41.7 Pg 06:41:16.269 0.1 T__ 78.2 ___ ML 1.8 5409815 FDSN HU -- BUD iLoc BHZ BHZ _
BEHE 0.79 41.7 Lg 06:41:27.292 0.8 T__ ___ 5409822 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
OBKA 1.20 302.1 Pg 06:41:23.221 0.3 T__ 79.7 ___ ML 2.1 5409823 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.20 302.1 Lg 06:41:39.068 0.1 T__ ___ 5409816 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ARSA 1.41 346.2 Lg 06:41:45.429 0.2 T__ ___ 5409817 FDSN OE -- 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
2020/04/01 10:30:07.01 3.45 0.24 47.3457 18.2991 21.4 4.9 94 0.0f 6 3 290 0.03 0.12 sx BUD 16000670 BUD 344

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```

Magnitude Err Nsta Author OrigID
ML 0.9 0.2 3 BUD 16000670

```

```

Sta 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 0.03 303.5 Pg 10:30:08.321 -0.0 T__ 1254.3 ___ ML 1.5 5409998 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.03 303.5 Lg 10:30:09.548 -0.3 T__ ___ 5410002 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW2 0.07 234.1 Pg 10:30:09.166 0.0 T__ 232.1 ___ ML 0.9 5409999 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.07 234.1 Lg 10:30:11.236 -0.1 T__ ___ 5410000 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW3 0.12 287.7 Pg 10:30:10.278 0.2 T__ 134.0 ___ ML 0.8 5410001 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.12 287.7 Lg 10:30:13.043 0.1 T__ ___ 5410003 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
2020/04/01 10:31:07.56 1.00 0.80 47.3629 18.2629 6.0 3.2 116 1.8 6.0 15 10 104 0.00 1.28 sx BUD 16000672 BUD 122

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.0 5 BUD 16000672

```

Sta	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	0.00	277.9	Pg	10:31:08.087	-0.1					T__		3277.3		---	ML	1.8	5410113	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.00	277.9	Lg	10:31:08.715	-0.2					T__				---		5410108	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
MSW1	0.03	355.0	Pg	10:31:08.848	0.3					T__		2563.0		---	ML	1.8	5410110	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.03	355.0	Lg	10:31:09.605	-0.1					T__				---		5410109	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MSW2	0.07	210.3	Pg	10:31:09.434	0.1					T__		773.2		---	ML	1.4	5410111	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	210.3	Lg	10:31:10.598	-0.4					T__				---		5410104	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW3	0.10	282.3	Pg	10:31:09.841	0.1					T__		515.9		---	ML	1.3	5410105	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.10	282.3	Lg	10:31:10.655	-1.1					T__				---		5410112	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU09A	0.29	16.3	Lg	10:31:18.561	0.2					T__				---		5410114	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.53	248.9	Lg	10:31:27.392	1.4					T__				---		5410118	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.70	46.4	Lg	10:31:32.621	-0.3					T__				---		5410115	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.18	167.0	Pn	10:31:29.671	0.1					T__		41.6		---	ML	1.8	5410106	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.18	167.0	Sn	10:31:45.527	-1.3					T__				---		5410107	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	1.24	62.7	Sn	10:31:47.773	-1.3					T__				---		5410116	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOVH	1.28	185.1	Sn	10:31:48.930	-0.4					T__				---		5410117	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
2020/04/02	02:32:27.35	1.07	0.55	45.8828	16.0104	10.8	4.4	144	2.2f		15	10	115	0.04	1.67	ke	BUD	16000674	BUD			180

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	5 BUD	16000674

Sta	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	0.04	309.2	Pg	02:32:28.272	-0.4					T__		1776.4		---	ML	1.7	5410953	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	309.2	Lg	02:32:29.188	-0.7					T__				---		5410954	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
ZAG	0.06	196.4	Pg	02:32:28.984	0.2					T__		2817.2		---	ML	1.9	5410956	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.06	196.4	Lg	02:32:30.129	0.3					T__				---		5410955	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
CRES	0.39	261.8	Pg	02:32:35.142	0.2					T__		242.2		---	ML	1.8	5410960	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	261.8	Lg	02:32:40.765	-0.0					T__				---		5410961	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOGS	0.59	16.3	Pg	02:32:38.577	-0.4					T__		365.6		---	ML	2.4	5410963	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.59	16.3	Lg	02:32:46.414	-0.3					T__				---		5410962	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
BEHE	0.79	41.9	Lg	02:32:54.531	1.0					T__				---		5410964	FDSN	HU	--	BUD	iLoc	BHE	???	_	
A264A	0.93	72.3	Lg	02:32:58.454	0.5					T__				---		5410967	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

OBKA	1.19	302.2	Pg	02:32:50.613	0.7	T__	62.1	___	ML	2.0	5410965	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.19	302.2	Lg	02:33:06.262	0.4	T__		---			5410957	FDSN	OE	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
ARSA	1.41	346.4	Sn	02:33:12.572	0.3	T__		---			5410958	FDSN	OE	--	BUD	iLoc	BHE	???	_
KOVH	1.47	81.2	Lg	02:33:15.346	0.3	T__		---			5410966	FDSN	HU	--	BUD	iLoc	BHE	???	_
MPLH	1.67	38.8	Sn	02:33:19.035	0.7	T__		---			5410959	FDSN	HU	--	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
2020/04/02	09:53:32.45	0.87	1.15	47.5815	16.4270	4.5	4.2	169	0.0f		22	14	77	0.14	1.88	sx	BUD	16000676	BUD			145

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	8 BUD	16000676

Sta	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	41.0	Pg	09:53:35.924	0.4					T__		283.0		---	ML	1.1	5411068	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.14	41.0	Lg	09:53:38.612	0.7					T__				---		5411074	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
A004A	0.38	357.0	Lg	09:53:47.126	1.4					T__				---		5411083	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CONA	0.52	312.5	Pg	09:53:42.012	-0.8					T__	116.0			---	ML	1.8	5411069	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.52	312.5	Lg	09:53:48.981	-0.7					T__				---		5411075	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ARSA	0.70	242.0	Pg	09:53:46.538	0.6					T__	72.5			---	ML	1.7	5411070	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.7 magdef=1)																									
ARSA	0.70	242.0	Lg	09:53:54.686	-0.1					T__				---		5411080	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Station ML: 1.7 magdef=1)																									
MPLH	0.86	118.1	Pg	09:53:48.177	-1.6					T__	74.6			---	ML	1.9	5411071	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.9 magdef=1)																									
MPLH	0.86	118.1	Lg	09:54:03.244	0.7					T__				---		5411081	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML: 1.9 magdef=1)																									
A019A	0.92	262.0	Pg	09:53:48.787	-1.6					T__	60.9			---	ML	1.8	5411084	FDSN	Z3	00	BUD	iLoc	HH2	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
A018A	0.93	280.6	Pg	09:53:50.034	-0.4					T__	98.5			---	ML	2.0	5411085	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.93	280.6	Lg	09:54:02.432	0.4					T__				---		5411086	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MODS	0.98	35.5	Pn	09:53:54.844	2.0					T__				---		5411072	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.98	35.5	Lg	09:54:07.630	0.2					T__				---		5411076	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOGS	1.14	186.2	Lg	09:54:11.076	1.8					T__				---		5411077	FDSN	SL	--	BUD	iLoc	BHE	???	_	
A001A	1.15	5.4	Sn	09:54:12.237	0.2					T__				---		5411087	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
A007A	1.28	332.4	Pg	09:53:57.022	-0.1					T__	119.9			---	ML	2.3	5411088	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A007A	1.28	332.4	Sn	09:54:12.675	-2.6					T__				---		5411089	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
KRUC	1.48	359.2	Pn	09:53:59.511	-0.3					T__	63.6			---	ML	2.1	5411073	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	1.48	359.2	Sn	09:54:19.311	-0.6					T__				---		5411078	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
OBKA	1.67	230.8	Sn	09:54:25.873	0.8					T__				---		5411079	FDSN	OE	--	BUD	iLoc	BHE	???	_	

CKRC 1.88 312.0 Sn 09:54:30.654 0.6 T__ --- 5411082 FDSN CZ -- 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
2020/04/02	10:32:58.65	0.31	0.98	48.2589	21.2040	5.9	2.6	170	0.0	0.0	15	0	151	0.04	1.21	kx	BUD	16000678	BUD			
2020/04/02	10:32:56.83	0.92	0.95	48.2470	21.2460f				0.0f		15	8	153	0.05	1.19	kx	BUD_GT	16000679	BUD			181

(locality : Tállya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	16000679

Sta	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	10:32:58.414	0.0					T__		7572.4		---	ML	2.3	5411151	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	10:33:00.098	0.1					T__				---		5411152	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0)																									
HU02A	0.50	255.8	Pg	10:33:06.563	-0.8					T__		70.5		---	ML	1.5	5411157	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	10:33:15.200	-0.3					T__				---		5411158	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
JOS	0.53	298.1	Pg	10:33:07.552	0.0					T__		94.3		---	ML	1.8	5411159	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	10:33:14.697	-1.0					T__				---		5411160	FDSN	ZJ	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
KECS	0.56	295.3	Pg	10:33:08.474	0.4					T__		108.4		---	ML	1.8	5411153	FDSN	SK	--	iLoc	BUD	EHE	EHZ	_
KECS	0.56	295.3	Lg	10:33:15.347	-1.3					T__				---		5411154	FDSN	SK	--	iLoc	BUD	EHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
HOLU	0.81	69.3	Pg	10:33:13.922	1.4					T__				---		5411161	FDSN	UA	--	iLoc	BUD	MHZ	???	_	
HOLU	0.81	69.3	Lg	10:33:27.407	1.4					T__				---		5411162	FDSN	UA	--	iLoc	BUD	MHZ	???	_	
TRPA	0.87	97.2	Pg	10:33:14.755	0.9					T__		34.3		---	ML	1.5	5411155	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
TRPA	0.87	97.2	Lg	10:33:27.761	-0.5					T__				---		5411163	FDSN	HU	--	iLoc	BUD	BHZ	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
PSZ	0.96	250.6	Lg	10:33:30.094	-1.5					T__				---		5411156	FDSN	GE	--	iLoc	BUD	BHN	???	_	
STZU	1.19	49.4	Pg	10:33:20.861	1.3					T__				---		5411164	FDSN	UA	--	iLoc	BUD	MHZ	???	_	
STZU	1.19	49.4	Lg	10:33:38.058	0.0					T__				---		5411165	FDSN	UA	--	iLoc	BUD	MHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/04/02	10:49:08.30	0.30	1.07	48.2313	21.2368	6.6	2.9	178	0.0	0.0	15	0	155	0.06	1.34	kx	BUD	16000680	BUD			
2020/04/02	10:49:07.05	0.91	1.49	48.2470	21.2460f				0.0f		15	10	153	0.05	1.33	kx	BUD_GT	16000681	BUD			173

(locality : Tállya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	7 BUD	16000681

Sta	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	10:49:08.635	0.0	T__	29005.9	___	ML	2.9	5411226	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
				(Reading ML: 2.9 magdef=1)															
				(Station ML: 2.9 magdef=0)															
HU02A	0.50	255.8	Pg	10:49:16.962	-0.7	T__	110.2	___	ML	1.7	5411234	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	10:49:22.341	-3.4	T__		___			5411235	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_
				(Reading ML: 1.7 magdef=1)															
				(Station ML: 1.7 magdef=1)															
JOS	0.53	298.1	Pg	10:49:17.884	0.1	T__	96.9	___	ML	1.8	5411236	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	10:49:24.922	-1.0	T__		___			5411237	FDSN	ZJ	--	iLoc	BUD	HHZ	???	_
				(Reading ML: 1.8 magdef=1)															
				(Station ML: 1.8 magdef=1)															
KECS	0.56	295.3	Pg	10:49:18.413	0.1	T__	183.1	___	ML	2.1	5411227	FDSN	SK	--	iLoc	BUD	EHE	EHZ	_
KECS	0.56	295.3	Lg	10:49:26.764	-0.1	T__		___			5411228	FDSN	SK	--	iLoc	BUD	EHN	???	_
				(Reading ML: 2.1 magdef=1)															
				(Station ML: 2.1 magdef=1)															
HOLU	0.81	69.3	Pg	10:49:24.204	1.5	T__		___			5411238	FDSN	UA	--	iLoc	BUD	MHZ	???	_
TRPA	0.87	97.2	Pg	10:49:24.417	0.3	T__	45.4	___	ML	1.6	5411229	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
TRPA	0.87	97.2	Lg	10:49:37.377	-1.1	T__		___			5411230	FDSN	HU	--	iLoc	BUD	BHZ	???	_
				(Reading ML: 1.6 magdef=1)															
				(Station ML: 1.6 magdef=0)															
PSZ	0.96	250.6	Pn	10:49:27.002	0.1	T__	110.3	___	ML	2.1	5411231	FDSN	GE	--	iLoc	BUD	BHZ	BHZ	_
PSZ	0.96	250.6	Lg	10:49:40.823	-1.0	T__		___			5411232	FDSN	GE	--	iLoc	BUD	BHE	???	_
				(Reading ML: 2.1 magdef=1)															
				(Station ML: 2.1 magdef=1)															
MUKU	0.98	77.3	Pg	10:49:26.425	0.4	T__		___			5411239	FDSN	UA	--	iLoc	BUD	MHZ	???	_
STZU	1.19	49.4	Pn	10:49:31.370	1.1	T__		___			5411240	FDSN	UA	--	iLoc	BUD	MHZ	???	_
NIE	1.33	332.3	Pg	10:49:35.565	3.4	T__	56.5	___	ML	2.0	5411233	FDSN	PL	--	iLoc	BUD	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
2020/04/03	07:58:23.14	0.86	0.96	45.8845	16.0139	7.1	4.5	147	2.6	8.8	31	20	63	0.04	2.85	ke	BUD	16000682	BUD			118

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.3	18 BUD	16000682

Sta	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	0.04	305.1	Pg	07:58:24.501	-0.0					T__		53379.0		___	ML	3.1	5413086	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	305.1	Lg	07:58:25.418	-0.4					T__				___		5413085	FDSN	CR	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 3.1 magdef=1)																					
				(Station ML: 3.1 magdef=0)																					
ZAG	0.06	198.1	Pg	07:58:25.389	0.8					T__	44318.4			___	ML	3.1	5413083	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.06	198.1	Lg	07:58:26.425	0.7					T__				___		5413084	FDSN	CR	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 3.1 magdef=1)																					
				(Station ML: 3.1 magdef=0)																					
CRES	0.39	261.6	Pg	07:58:30.377	-0.5					T__	1214.0			___	ML	2.5	5413100	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 2.5 magdef=1)																					
CRES	0.39	261.6	Lg	07:58:36.562	-0.1					T__				___		5413087	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Station ML: 2.5 magdef=1)																					
KOGS	0.59	16.2	Pg	07:58:34.513	-0.2					T__	804.5			___	ML	2.7	5413101	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 2.7 magdef=1)																					
KOGS	0.59	16.2	Lg	07:58:42.405	0.0					T__				___		5413096	FDSN	SL	--	BUD	iLoc	BHN	???	_	

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(Station ML: 2.7 magdef=1
BEHE 0.79 41.8 Pg 07:58:38.452 -0.4 T__ 1755.9 ___ ML 3.2 5413102 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 3.2 magdef=1
BEHE 0.79 41.8 Lg 07:58:50.574 1.3 T__ ___ 5413097 FDSN HU -- BUD iLoc BHE ??? _
(Station ML: 3.2 magdef=0
A264A 0.93 72.3 Pg 07:58:41.672 0.1 T__ 677.3 ___ ML 2.8 5413103 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.93 72.3 Lg 07:58:54.726 1.0 T__ ___ 5413104 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
A262A 1.04 19.8 Sn 07:58:58.267 -0.7 T__ ___ 5413105 FDSN Z3 00 BUD iLoc HHN ??? _
A263A 1.18 49.6 Pn 07:58:44.653 -1.1 T__ ___ ML 2.9 5413106 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
OBKA 1.19 302.1 Pg 07:58:45.649 -0.0 T__ 132.4 ___ ML 2.3 5413088 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.19 302.1 Lg 07:59:01.395 -0.3 T__ ___ 5413089 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A261A 1.33 35.9 Pn 07:58:47.559 -0.2 T__ 329.4 ___ ML 2.8 5413107 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
A265A 1.35 65.8 Pn 07:58:46.715 -1.3 T__ 504.1 ___ ML 3.0 5413108 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 1.35 65.8 Sn 07:59:04.404 -1.8 T__ ___ 5413109 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
BLY 1.40 143.6 Lg 07:59:09.179 0.8 T__ ___ 5413090 FDSN MN -- BUD iLoc BHE ??? _
ARSA 1.41 346.3 Pg 07:58:49.703 0.2 T__ 83.1 ___ ML 2.2 5413092 FDSN OE -- BUD iLoc BHZ BHZ _
ARSA 1.41 346.3 Lg 07:59:07.818 -0.1 T__ ___ 5413091 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
KOVH 1.47 81.3 Pn 07:58:48.147 -1.5 T__ 145.5 ___ ML 2.5 5413098 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
MPLH 1.66 38.8 Pn 07:58:52.764 0.3 T__ 66.5 ___ ML 2.2 5413099 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
AO19A 1.69 338.1 Pg 07:58:56.301 1.8 T__ 72.7 ___ ML 2.3 5413110 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
SOP 1.84 11.5 Pg 07:58:56.511 -1.2 T__ 85.1 ___ ML 2.5 5413093 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
MORH 1.86 78.8 Pn 07:58:53.374 -1.6 T__ 29.4 ___ ML 2.0 5413094 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
CONA 2.05 357.1 Pn 07:58:58.287 0.0 T__ 95.7 ___ ML 2.6 5413095 FDSN OE -- BUD iLoc BHZ BHZ _
(Reading ML: 2.6 magdef=1
CONA 2.05 357.1 Pg 07:59:02.810 1.3 T__ ___ 5413111 FDSN OE -- BUD iLoc BHZ ??? _
CONA 2.05 357.1 Lg 07:59:29.323 0.5 T__ ___ 5413112 FDSN OE -- BUD iLoc BHE ??? _
(Station ML: 2.6 magdef=1
AO07A 2.85 353.5 Pn 07:59:10.534 1.2 T__ 69.1 ___ ML 2.9 5413113 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 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
2020/04/03	12:47:35.23	1.07	1.39	45.7512	22.7949	8.9	4.5	95	8.0	14.2	9	5	95	0.15	1.04	ke	BUD	16000684	BUD			174

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	4 BUD	16000684

Sta	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	0.15	29.8	Pg	12:47:38.580	0.1					T__		372.0		___	ML	1.3	5413197	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	0.15	29.8	Lg	12:47:41.041	0.2					T__				---		5413196	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
GZR	0.36	182.1	Pg	12:47:42.698	0.3					T__		53.8		___	ML	1.0	5413194	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.36	182.1	Lg	12:47:47.869	0.1					T__				---		5413195	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
LOT	0.75	113.6	Lg	12:47:58.290	-2.5					T__				---		5413199	FDSN	RO	--	BUD	iLoc	BHN	???	_	
BZS	0.84	261.2	Pg	12:47:50.229	-1.3					T__		26.0		---	ML	1.4	5413198	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.84	261.2	Lg	12:48:04.064	1.0					T__				---		5413200	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
DRGR	1.04	356.8	Pn	12:47:56.284	0.7					T__		49.5		---	ML	1.8	5413193	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.04	356.8	Lg	12:48:10.340	0.1					T__				---		5413201	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(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
2020/04/03	17:15:45.29	1.57	0.37	45.8982	16.0212	8.8	5.7	84	0.4	4.6	14	8	116	0.04	1.46	ke	BUD	16000688	BUD			178

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	8 BUD	16000688

Sta	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	0.04	283.3	Pg	17:15:46.475	-0.1					T__		5308.2		___	ML	2.1	5413974	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	283.3	Lg	17:15:47.442	-0.4					T__				---		5413975	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
ZAG	0.08	198.5	Pg	17:15:47.290	0.3					T__		3865.0		___	ML	2.1	5413978	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	198.5	Lg	17:15:48.268	-0.1					T__				---		5413981	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
CRES	0.40	259.8	Pg	17:15:53.040	-0.1					T__		196.5		___	ML	1.7	5413980	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	259.8	Lg	17:15:59.159	0.1					T__				---		5413982	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KOGS	0.57	16.1	Pg	17:15:56.603	-0.1					T__		81.5		___	ML	1.7	5413979	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.57	16.1	Lg	17:16:04.731	0.3					T__				---		5413983	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BEHE	0.78	42.2	Pg	17:16:00.914	-0.1					T__		45.2		___	ML	1.6	5413984	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.6 magdef=1)																									

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(Station ML: 1.6 magdef=0
OBKA 1.19 301.4 Pg 17:16:08.765 0.9 T__ 49.3 ___ ML 1.9 5413985 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.19 301.4 Lg 17:16:23.880 0.1 T__ ___ 5413976 FDSN OE -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ARSA 1.40 345.9 Pn 17:16:11.463 -0.1 T__ 48.3 ___ ML 2.0 5413977 FDSN OE -- BUD iLoc BHZ BHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOVH 1.46 81.8 Pn 17:16:11.997 0.0 T__ 41.6 ___ ML 1.9 5413986 FDSN HU -- BUD iLoc BHZ BHZ _
KOVH 1.46 81.8 Lg 17:16:33.269 0.3 T__ ___ 5413987 FDSN HU -- BUD iLoc BHE ??? _
(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
2020/04/03 20:29:46.12 1.00 0.21 47.3896 18.1465 5.7 2.7 11 1.8 9.8 10 5 162 0.02 0.16 ke BUD 16000690 BUD 202

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Magnitude Err Nsta Author OrigID
ML 0.6 0.2 5 BUD 16000690

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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 0.02 244.7 Pg 20:29:46.986 0.1 T__ 2373.4 _d_ ML 1.7 5415253 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.02 244.7 Lg 20:29:47.495 -0.2 T__ ___ 5415259 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
MSW1 0.08 87.5 Pg 20:29:48.141 0.1 T__ 129.9 ___ ML 0.6 5415255 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 87.5 Lg 20:29:49.461 -0.3 T__ ___ 5415260 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
CSKK 0.08 108.9 Pg 20:29:48.318 0.2 T__ 172.5 ___ ML 0.8 5415256 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.08 108.9 Lg 20:29:49.873 -0.1 T__ ___ 5415254 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
MSW2 0.10 153.4 Pg 20:29:48.514 0.1 T__ 83.0 _c_ ML 0.5 5415251 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.10 153.4 Lg 20:29:50.395 -0.1 T__ ___ 5415252 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=0
HU08A 0.16 285.5 Pg 20:29:49.632 0.1 T__ 58.3 ___ ML 0.5 5415257 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.16 285.5 Lg 20:29:52.308 -0.1 T__ ___ 5415258 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 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
2020/04/03 23:26:23.86 0.98 0.54 45.8801 16.0244 8.9 4.3 143 1.0f 19 10 62 0.05 1.66 ke BUD 16000692 BUD 125

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 10 BUD 16000692

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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 0.05 304.3 Pg 23:26:25.035 -0.3 T__ 4876.1 _d_ ML 2.1 5415350 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.05 304.3 Lg 23:26:25.951 -0.7 T__ ___ 5415351 FDSN CR -- BUD iLoc BHE ??? _

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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ZAG 0.06 206.2 Pg 23:26:25.697 0.5 T__ 11729.8 _d_ ML 2.5 5415353 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.06 206.2 Lg 23:26:26.740 0.4 T__ --- 5415352 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
CRES 0.40 262.4 Pg 23:26:31.778 0.1 T__ 358.3 --- ML 2.0 5415354 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.40 262.4 Lg 23:26:37.487 -0.1 T__ --- 5415357 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOGS 0.59 15.4 Pg 23:26:35.010 -0.5 T__ 847.5 --- ML 2.8 5415355 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.59 15.4 Lg 23:26:43.330 0.1 T__ --- 5415356 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
BEHE 0.79 41.2 Pg 23:26:40.062 0.4 T__ 47.8 --- ML 1.6 5415364 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
OBKA 1.20 302.1 Pg 23:26:46.902 0.2 T__ 47.1 --- ML 1.8 5415359 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.20 302.1 Lg 23:27:02.627 -0.1 T__ --- 5415358 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
BLY 1.40 143.7 Pn 23:26:48.734 -1.3 T__ 28.7 --- ML 1.7 5415360 FDSN MN -- BUD iLoc BHZ BHZ _
BLY 1.40 143.7 Lg 23:27:08.887 -0.1 T__ --- 5415361 FDSN MN -- BUD iLoc BHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ARSA 1.41 346.0 Pg 23:26:51.207 0.7 T__ 36.2 --- ML 1.8 5415365 FDSN OE -- BUD iLoc BHZ BHZ _
ARSA 1.41 346.0 Sn 23:27:09.497 0.4 T__ --- 5415362 FDSN OE -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOVH 1.46 81.1 Pn 23:26:50.546 0.1 T__ 37.5 --- ML 1.9 5415366 FDSN HU -- BUD iLoc BHZ BHZ _
KOVH 1.46 81.1 Lg 23:27:11.411 0.0 T__ --- 5415367 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MPLH 1.66 38.5 Pn 23:26:54.057 0.7 T__ 37.2 --- ML 2.0 5415368 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 1.66 38.5 Sn 23:27:15.248 0.3 T__ --- 5415363 FDSN HU -- BUD iLoc BHE ??? _
(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
2020/04/04 03:42:00.99 1.23 0.63 45.8746 16.0598 9.0 4.9 136 0.0f 13 8 82 0.07 1.44 ke BUD 16000696 BUD 146

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 5 BUD 16000696

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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
ZAG 0.07 226.9 Pg 03:42:03.264 0.5 T__ 1196.8 --- ML 1.6 5415503 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.07 226.9 Lg 03:42:04.562 0.4 T__ --- 5415502 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
PTJ 0.07 296.8 Pg 03:42:02.704 -0.4 T__ 1723.3 --- ML 1.7 5415500 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.07 296.8 Lg 03:42:03.824 -1.2 T__ --- 5415501 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.7 magdef=1

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```

(Station ML: 1.7 magdef=1
CRES 0.42 263.6 Pg 03:42:09.676 0.4 T__ 177.1 ___ ML 1.7 5415509 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.42 263.6 Lg 03:42:15.274 -0.2 T__ ___ 5415508 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOGS 0.59 12.9 Pg 03:42:12.997 0.1 T__ 319.2 ___ ML 2.3 5415510 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.59 12.9 Lg 03:42:20.452 -0.5 T__ ___ 5415511 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
OBKA 1.23 301.7 Pg 03:42:24.791 0.5 T__ 52.0 ___ ML 1.9 5415504 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.23 301.7 Lg 03:42:41.254 0.6 T__ ___ 5415512 FDSN OE -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BLY 1.38 144.4 Lg 03:42:46.114 0.2 T__ ___ 5415505 FDSN MN -- BUD iLoc BHE ??? _
ARSA 1.43 345.1 Lg 03:42:46.623 0.1 T__ ___ 5415506 FDSN OE -- BUD iLoc BHE ??? _
KOVH 1.44 80.7 Sn 03:42:47.997 0.9 T__ ___ 5415507 FDSN HU -- 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
2020/04/05 08:05:17.36 1.02 0.86 45.8911 16.0303 7.3 3.8 131 0.0f 15 9 123 0.05 1.77 ke BUD 16000698 BUD 179

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```

Magnitude Err Nsta Author OrigID
ML 2.0 0.3 8 BUD 16000698

```

```

Sta 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 0.05 290.1 Pg 08:05:18.663 -0.3 T__ 2133.6 ___ ML 1.8 5416861 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.05 290.1 Lg 08:05:19.579 -0.9 T__ ___ 5416862 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ZAG 0.07 205.3 Pg 08:05:19.324 0.2 T__ 1467.9 ___ ML 1.7 5416864 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.07 205.3 Lg 08:05:20.393 -0.2 T__ ___ 5416863 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
CRES 0.41 261.0 Pg 08:05:25.476 0.2 T__ 286.1 ___ ML 1.9 5416868 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.41 261.0 Lg 08:05:30.768 -0.5 T__ ___ 5416869 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOGS 0.58 15.3 Pg 08:05:28.478 -0.6 T__ 329.6 ___ ML 2.3 5416871 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.58 15.3 Lg 08:05:36.774 -0.2 T__ ___ 5416870 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
BEHE 0.78 41.5 Pg 08:05:33.395 0.1 T__ 56.1 ___ ML 1.7 5416865 FDSN HU -- BUD iLoc BHZ BHZ _
BEHE 0.78 41.5 Lg 08:05:44.204 0.1 T__ ___ 5416872 FDSN HU -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
OBKA 1.20 301.5 Pg 08:05:41.557 1.4 T__ 73.7 ___ ML 2.0 5416874 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 1.20 301.5 Lg 08:05:57.181 1.0 T__ ___ 5416873 FDSN OE -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ARSA 1.40 345.8 Pg 08:05:45.272 1.3 T__ 71.5 ___ ML 2.1 5416875 FDSN OE -- BUD iLoc BHZ BHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOVH 1.46 81.5 Sn 08:06:04.210 0.3 T__ ___ 5416866 FDSN HU -- BUD iLoc BHN ??? _

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EGYH 1.77 30.0 Pn 08:05:50.113 1.5 T__ 175.7 ___ ML 2.7 5416867 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
2020/04/05	20:30:33.15	0.82	0.64	45.9275	16.0679	7.0	3.8	137	3.3	10.1	40	26	63	0.07	2.58	ke	BUD	16000702	BUD		119	

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.1	19 BUD	16000702

Sta	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	0.07	253.7	Pg	20:30:35.053	-0.1					T__		6426.7		_d	ML	2.3	5417622	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.07	253.7	Lg	20:30:35.944	-1.0					T__				---		5417634	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									
ZAG	0.12	209.4	Pg	20:30:36.122	0.5					T__		6984.5		---	ML	2.5	5417623	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.12	209.4	Lg	20:30:37.547	0.0					T__				---		5417643	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																									
CRES	0.44	256.8	Pg	20:30:42.076	0.4					T__		1140.4		---	ML	2.6	5417635	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.44	256.8	Lg	20:30:48.717	0.5					T__				---		5417644	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0																									
KOGS	0.54	13.6	Pg	20:30:43.679	-0.1					T__		2776.2		---	ML	3.2	5417637	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.54	13.6	Lg	20:30:51.236	0.4					T__				---		5417636	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=0																									
BEHE	0.73	41.9	Pg	20:30:47.394	-0.4					T__		227.8		---	ML	2.3	5417638	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.73	41.9	Lg	20:30:58.056	0.6					T__				---		5417639	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0																									
A264A	0.88	74.3	Lg	20:31:02.926	0.8					T__				---		5417647	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A262A	0.99	18.6	Pn	20:30:53.020	-0.2					T__		298.3		---	ML	2.5	5417648	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.99	18.6	Sn	20:31:08.224	0.7					T__				---		5417649	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																									
A263A	1.12	50.0	Pn	20:30:54.274	-0.6					T__		239.6		---	ML	2.5	5417650	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	1.12	50.0	Sn	20:31:10.284	-0.3					T__				---		5417651	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																									
OBKA	1.20	299.4	Pn	20:30:56.427	-0.5					T__		124.5		---	ML	2.3	5417624	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.20	299.4	Sn	20:31:12.407	-1.4					T__				---		5417640	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									
A273A	1.22	89.9	Lg	20:31:13.932	1.2					T__				---		5417652	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A261A	1.27	35.7	Pn	20:30:56.407	-0.5					T__		166.2		---	ML	2.4	5417653	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																									
A265A	1.30	66.9	Sn	20:31:13.941	-0.9					T__				---		5417654	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	1.38	344.4	Pg	20:30:58.639	-0.3					T__		107.6		---	ML	2.3	5417655	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.3 magdef=1																									
ARSA	1.38	344.4	Lg	20:31:16.834	-0.1					T__				---		5417625	FDSN	OE	--	BUD	iLoc	BHE	???	_	

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(Station ML: 2.3 magdef=1
BLY 1.42 145.9 Pn 20:30:59.226 -0.1 T__ 75.9 --- ML 2.2 5417627 FDSN MN -- BUD iLoc BHZ BHZ _
BLY 1.42 145.9 Sn 20:31:17.954 -0.5 T__ --- 5417626 FDSN MN -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
KOVH 1.43 82.8 Pg 20:31:00.346 -0.1 T__ 128.8 --- ML 2.4 5417628 FDSN HU -- BUD iLoc BHZ BHZ _
KOVH 1.43 82.8 Lg 20:31:19.277 -0.0 T__ --- 5417629 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
MPLH 1.61 38.7 Pn 20:31:01.058 -0.5 T__ 95.4 --- ML 2.4 5417630 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A266A 1.64 67.8 Lg 20:31:27.095 0.9 T__ --- 5417656 FDSN Z3 00 BUD iLoc HHE ??? _
EGYH 1.73 29.8 Sn 20:31:26.274 1.0 T__ --- 5417645 FDSN HU -- BUD iLoc HHE ??? _
SOP 1.79 10.7 Pn 20:31:04.417 0.2 T__ 117.5 --- ML 2.6 5417631 FDSN HU -- BUD iLoc BHZ BHZ _
SOP 1.79 10.7 Sn 20:31:25.613 -1.2 T__ --- 5417641 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
MORH 1.82 80.0 Pn 20:31:03.806 -0.4 T__ 25.8 --- ML 1.9 5417632 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 1.82 80.0 Lg 20:31:30.295 -1.2 T__ --- 5417642 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
HU08A 1.97 39.7 Pn 20:31:06.338 -0.2 T__ 68.1 --- ML 2.4 5417657 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 1.97 39.7 Sn 20:31:31.309 -0.1 T__ --- 5417658 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
CONA 2.01 356.0 Pn 20:31:07.826 0.2 T__ 82.4 --- ML 2.5 5417633 FDSN OE -- BUD iLoc BHZ BHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
MSW2 2.02 46.3 Pn 20:31:07.318 0.2 T__ 47.4 --- ML 2.3 5417659 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
MSW3 2.03 43.5 Pn 20:31:07.844 0.5 T__ 63.7 --- ML 2.4 5417660 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A008A 2.46 353.5 Sn 20:31:43.864 0.1 T__ --- 5417661 FDSN Z3 00 BUD iLoc HH3 ??? _
MODS 2.58 18.2 Pn 20:31:14.697 -0.6 T__ --- 5417646 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
2020/04/06 06:30:13.86 1.37 0.76 47.3170 18.3284 7.4 4.2 95 0.0f 11 7 200 0.07 1.12 sx BUD 16000704 BUD 286

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Magnitude Err Nsta Author OrigID
ML 1.4 0.3 4 BUD 16000704

```

```

Sta 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 0.07 315.0 Pg 06:30:16.293 0.4 T__ 1612.6 --- ML 1.7 5417754 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 315.0 Lg 06:30:17.135 -0.8 T__ --- 5417755 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW2 0.08 259.6 Pg 06:30:16.467 0.3 T__ 668.7 --- ML 1.4 5417760 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.08 259.6 Lg 06:30:17.368 -1.1 T__ --- 5417761 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1

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(Station ML: 1.4 magdef=1
MSW1 0.09 328.2 Pg 06:30:16.647 0.3 T__ 944.5 --- ML 1.5 5417758 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.09 328.2 Lg 06:30:17.661 -1.1 T__ --- 5417759 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW3 0.15 295.8 Pg 06:30:17.965 0.5 T__ 197.2 --- ML 1.0 5417763 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.15 295.8 Lg 06:30:20.140 -0.7 T__ --- 5417762 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU08A 0.30 292.7 Lg 06:30:26.189 0.5 T__ --- 5417764 FDSN ZJ 00 BUD iLoc HHE ??? _
MPLH 0.56 255.0 Lg 06:30:34.274 0.3 T__ --- 5417756 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.12 168.8 Lg 06:30:51.869 -0.6 T__ --- 5417757 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
2020/04/06 09:36:05.89 0.94 0.58 48.5794 20.7644 4.6 3.9 149 0.0f 11 6 111 0.21 1.03 sx BUD 16000706 BUD 187

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.0 6 BUD 16000706

```

```

Sta 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 0.21 242.6 Pg 09:36:10.221 -0.1 T__ 875.6 --- ML 1.8 5417820 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.21 242.6 Lg 09:36:14.226 0.5 T__ --- 5417821 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.42 131.7 Pg 09:36:14.669 0.1 T__ 99.5 --- ML 1.5 5417822 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.42 131.7 Lg 09:36:21.497 -0.5 T__ --- 5417823 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.48 199.3 Pg 09:36:16.499 0.4 T__ 50.8 --- ML 1.4 5417829 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 199.3 Lg 09:36:23.512 -0.5 T__ --- 5417830 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
PSZ 0.88 221.6 Pn 09:36:24.981 0.4 T__ 70.5 --- ML 1.8 5417826 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.88 221.6 Lg 09:36:37.362 -0.3 T__ --- 5417827 FDSN GE -- BUD iLoc BHZ ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
STHS 0.90 20.5 Pg 09:36:23.142 0.6 T__ 79.7 --- ML 1.9 5417824 FDSN SK -- BUD iLoc EHZ EHZ _
STHS 0.90 20.5 Lg 09:36:34.701 -1.1 T__ --- 5417825 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
LANS 1.03 304.2 Pg 09:36:25.997 -0.2 T__ 51.0 --- ML 1.8 5417828 FDSN SK -- BUD iLoc EHZ EHZ _
(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
2020/04/07 02:12:27.34 1.09 0.86 45.8907 16.0427 7.7 4.3 119 0.0f 13 8 67 0.05 1.45 ke BUD 16000708 BUD 130

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.0 5 BUD 16000708

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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	0.05	287.4	Lg	02:12:29.081	-1.7					T__						5417896	FDSN	CR	--	BUD	iLoc	BHZ	???	_	
ZAG	0.07	211.5	Pg	02:12:29.577	0.4					T__		1507.8		---	ML	1.7	5417894	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	211.5	Lg	02:12:30.442	-0.2					T__						5417895	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
CRES	0.41	261.2	Pg	02:12:35.646	0.2					T__		260.3		---	ML	1.9	5417898	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.41	261.2	Lg	02:12:41.676	0.1					T__						5417897	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOGS	0.58	14.4	Pg	02:12:38.903	-0.1					T__		321.4		---	ML	2.3	5417899	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.58	14.4	Lg	02:12:46.918	-0.0					T__						5417900	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
OBKA	1.21	301.3	Pg	02:12:51.600	1.3					T__		51.4		---	ML	1.9	5417902	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.21	301.3	Lg	02:13:06.562	0.2					T__						5417901	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
BLY	1.40	144.4	Pn	02:12:54.094	0.3					T__		35.7		---	ML	1.8	5417903	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.40	144.4	Lg	02:13:12.414	-0.5					T__						5417904	FDSN	MN	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ARSA	1.41	345.4	Lg	02:13:12.262	0.0					T__						5417905	FDSN	OE	--	BUD	iLoc	BHE	???	_	
KOVH	1.45	81.4	Sn	02:13:15.062	1.4					T__						5417906	FDSN	HU	--	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
2020/04/07	04:57:29.69	1.12	0.58	45.8920	16.0268	6.4	3.8	95	1.0f		9	5	187	0.04	1.20	ke	BUD	16000710	BUD			261

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	16000710

Sta	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	0.04	290.1	Pg	04:57:31.043	-0.0					T__		1063.1		---	ML	1.4	5417977	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	290.1	Lg	04:57:31.653	-0.7					T__						5417978	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ZAG	0.07	203.2	Pg	04:57:31.246	-0.0					T__		948.2		---	ML	1.5	5417980	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	203.2	Lg	04:57:32.442	-0.1					T__						5417979	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CRES	0.40	260.8	Pg	04:57:37.913	0.3					T__		219.3		---	ML	1.8	5417981	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	260.8	Lg	04:57:43.562	0.0					T__						5417982	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOGS	0.58	15.5	Pg	04:57:40.941	-0.2					T__		300.0		---	ML	2.3	5417984	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.58	15.5	Lg	04:57:49.236	0.5					T__						5417983	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
OBKA	1.20	301.6	Lg	04:58:09.414	1.0					T__						5417985	FDSN	OE	--	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
2020/04/07	08:48:20.39	1.88	0.43	48.5734	20.7921	13.9	4.5	6	0.0f		8	4	246	0.22	0.89	sx	BUD	16000712	BUD			315

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	4 BUD	16000712

Sta	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	246.2	Pg	08:48:24.808	-0.2					T__		810.8		___	ML	1.8	5418544	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.22	246.2	Lg	08:48:29.299	0.6					T__				---		5418545	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.41	132.8	Pg	08:48:28.894	0.1					T__		77.5		___	ML	1.3	5418546	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	132.8	Lg	08:48:35.297	-0.5					T__				---		5418547	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.49	201.6	Pg	08:48:30.424	-0.2					T__		43.1		___	ML	1.3	5418550	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	201.6	Lg	08:48:38.739	0.2					T__				---		5418551	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.89	222.8	Pn	08:48:39.398	0.2					T__		105.6		___	ML	2.0	5418548	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.89	222.8	Lg	08:48:52.551	0.1					T__				---		5418549	FDSN	GE	--	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
2020/04/07	10:18:17.24	1.08	0.89	47.3618	18.3790	7.2	3.4	145	0.0f		17	11	109	0.08	1.29	sx	BUD	16000714	BUD			129

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	6 BUD	16000714

Sta	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	271.0	Pg	10:18:19.884	0.4					T__		4436.9		___	ML	2.2	5418630	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	271.0	Lg	10:18:21.213	-0.6					T__				---		5418631	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
MSW1	0.09	290.9	Pg	10:18:20.098	0.5					T__		2695.0		___	ML	2.0	5418638	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.09	290.9	Lg	10:18:21.339	-0.7					T__				---		5418637	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MSW2	0.13	242.5	Pg	10:18:21.086	0.7					T__		423.3		___	ML	1.3	5418639	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.13	242.5	Lg	10:18:22.396	-1.0					T__				---		5418640	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
MSW3	0.17	277.2	Pg	10:18:22.304	1.0					T__		805.8		___	ML	1.7	5418642	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.17	277.2	Lg	10:18:24.166	-0.7					T__				---		5418641	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU09A	0.28	0.5	Lg	10:18:28.747	0.3					T__				---		5418643	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.32	282.8	Lg	10:18:28.565	-1.2					T__				---		5418644	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU10A	0.65	41.6	Pg	10:18:30.723	-0.1					T__		120.7		___	ML	1.9	5418645	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.65	41.6	Lg	10:18:41.177	-0.2					T__				---		5418646	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									

```

(Station ML: 1.9 magdef=1
MORH 1.16 170.9 Sn 10:18:56.479 -0.5 T__
PSZ 1.17 60.9 Pn 10:18:40.306 0.4 T__ 60.0 --- ML 1.9 5418632 FDSN GE -- BUD iLoc HHE ??? _
PSZ 1.17 60.9 Sn 10:18:56.591 -1.4 T__ --- 5418633 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MODS 1.26 324.2 Sn 10:18:58.763 -1.4 T__ --- 5418635 FDSN SK -- BUD iLoc HHE ??? _
KOVH 1.29 188.7 Sn 10:19:01.084 0.9 T__ --- 5418636 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
2020/04/07 12:32:08.55 1.70 0.72 46.1537 21.6695 15.9 6.4 114 0.0f 10 6 142 0.54 2.14 sx BUD 16000716 BUD 224

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Magnitude Err Nsta Author OrigID
ML 2.1 0.3 4 BUD 16000716

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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 0.54 184.0 Pg 12:32:19.595 0.4 T__ 66.8 --- ML 1.6 5418794 FDSN RO -- BUD iLoc BHZ BHZ _
BZS 0.54 184.0 Lg 12:32:26.051 -0.9 T__ --- 5418795 FDSN RO -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 0.96 48.1 Pg 12:32:27.829 0.1 T__ 172.1 --- ML 2.3 5418792 FDSN RO -- BUD iLoc BHZ BHZ _
DRGR 0.96 48.1 Lg 12:32:41.486 -0.6 T__ --- 5418793 FDSN RO -- BUD iLoc BHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
GZR 1.09 134.1 Pg 12:32:28.863 -0.3 T__ 75.7 --- ML 2.0 5418796 FDSN RO -- BUD iLoc BHZ BHZ _
GZR 1.09 134.1 Lg 12:32:45.093 0.7 T__ --- 5418801 FDSN RO -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CJR 1.45 66.5 Sn 12:32:56.377 0.5 T__ --- 5418797 FDSN RO -- BUD iLoc BHE ??? _
LOT 1.63 114.9 Pn 12:32:39.105 0.8 T__ 82.5 --- ML 2.3 5418799 FDSN RO -- BUD iLoc BHZ BHZ _
LOT 1.63 114.9 Sn 12:33:00.143 -0.6 T__ --- 5418798 FDSN RO -- BUD iLoc BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
PSZ 2.14 326.1 Sn 12:33:11.591 -0.7 T__ --- 5418800 FDSN GE -- 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
2020/04/08 00:54:32.93 1.31 0.84 45.8969 16.0298 9.8 4.7 133 0.7 4.0 20 10 62 0.04 1.85 ke BUD 16000718 BUD 121

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Magnitude Err Nsta Author OrigID
ML 2.0 0.2 10 BUD 16000718

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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 0.04 283.2 Pg 00:54:33.916 -0.4 T__ 7101.1 --- ML 2.3 5419343 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.04 283.2 Lg 00:54:34.984 -0.7 T__ --- 5419344 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
ZAG 0.08 203.2 Pg 00:54:34.755 0.1 T__ 6265.2 --- ML 2.3 5419346 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.08 203.2 Lg 00:54:35.875 -0.1 T__ --- 5419345 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

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CRES	0.41	260.2	Pg	00:54:41.040	0.2	T__	785.6	___	ML	2.3	5419347	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.41	260.2	Lg	00:54:47.122	0.3	T__		---			5419348	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
KOGS	0.57	15.5	Pg	00:54:43.763	-0.5	T__	543.4	___	ML	2.6	5419350	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.57	15.5	Lg	00:54:51.422	-0.4	T__		---			5419349	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
BEHE	0.77	41.8	Pg	00:54:48.801	0.3	T__	58.5	___	ML	1.7	5419351	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.77	41.8	Lg	00:54:58.954	0.0	T__		---			5419352	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
OBKA	1.20	301.3	Pg	00:54:56.180	0.5	T__	59.0	___	ML	1.9	5419353	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.20	301.3	Lg	00:55:12.312	0.7	T__		---			5419354	FDSN	OE	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
ARSA	1.40	345.7	Pn	00:54:59.809	0.6	T__	52.5	___	ML	2.0	5419357	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.40	345.7	Sn	00:55:18.842	1.0	T__		---			5419358	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
BLY	1.41	144.2	Pn	00:54:58.267	-1.1	T__	31.9	___	ML	1.8	5419356	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.41	144.2	Lg	00:55:18.725	0.3	T__		---			5419355	FDSN	MN	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KOVH	1.46	81.7	Pn	00:55:00.369	0.9	T__	53.0	___	ML	2.0	5419360	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.46	81.7	Sn	00:55:20.165	1.1	T__		---			5419359	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
MORH	1.85	79.2	Pn	00:55:06.781	2.0	T__	14.1	___	ML	1.7	5419361	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.85	79.2	Lg	00:55:31.921	-0.7	T__		---			5419362	FDSN	HU	--	BUD	iLoc	BHE	???	_
(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
2020/04/09	03:30:44.51	1.02	0.68	45.8734	16.0172	11.6	5.3	154	2.1	11.5	17	9	62	0.05	1.67	ke	BUD	16000720	BUD			123

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	8 BUD	16000720

Sta	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	0.05	314.4	Pg	03:30:45.728	-0.3					T__		11708.4		---	ML	2.5	5421181	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.05	314.4	Lg	03:30:46.732	-0.7					T__				---		5421180	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
ZAG	0.05	204.5	Pg	03:30:46.230	0.5					T__		6957.8		---	ML	2.3	5421178	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.05	204.5	Lg	03:30:47.359	0.6					T__				---		5421179	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
CRES	0.39	263.3	Pg	03:30:52.606	0.4					T__		221.7		---	ML	1.7	5421182	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	263.3	Lg	03:30:57.753	-0.3					T__				---		5421183	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

BEHE	0.80	41.2	Pg	03:31:00.372	-0.0	T__	44.7	___	ML	1.6	5421190	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.80	41.2	Lg	03:31:11.268	0.4	T__		---			5421189	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
OBKA	1.20	302.5	Pg	03:31:07.233	0.0	T__	66.6	___	ML	2.0	5421185	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.20	302.5	Lg	03:31:22.848	-0.5	T__		---			5421184	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
BLY	1.39	143.4	Pn	03:31:09.643	-0.9	T__	35.4	___	ML	1.8	5421186	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.39	143.4	Sn	03:31:28.572	-1.0	T__		---			5421187	FDSN	MN	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ARSA	1.42	346.3	Pn	03:31:09.743	-1.2	T__	30.7	___	ML	1.8	5421188	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.42	346.3	Lg	03:31:29.594	-0.1	T__		---			5421191	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KOVH	1.47	80.8	Pn	03:31:11.619	0.5	T__	31.5	___	ML	1.8	5421193	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.47	80.8	Lg	03:31:32.205	0.1	T__		---			5421192	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
MPLH	1.67	38.5	Sn	03:31:36.473	0.9	T__		---			5421194	FDSN	HU	--	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
2020/04/09	16:19:26.32	0.96	0.74	45.8696	16.0280	9.4	4.5	148	1.1	10.9	29	18	70	0.05	2.87	ke	BUD	16000722	BUD		133	

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.1	15 BUD	16000722

Sta	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	0.05	213.9	Pg	16:19:28.033	0.5					T__		42529.4		_d	ML	3.1	5422714	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.05	213.9	Lg	16:19:28.937	0.4					T__				---		5422713	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=0)																									
PTJ	0.06	311.8	Pg	16:19:27.707	-0.2					T__	49070.3		_c	ML	3.1	5422711	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
PTJ	0.06	311.8	Lg	16:19:28.686	-0.7					T__				---		5422712	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=0)																									
CRES	0.40	264.0	Pg	16:19:34.384	0.2					T__	1305.9		---	ML	2.5	5422715	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	0.40	264.0	Lg	16:19:39.782	-0.3					T__				---		5422717	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
KOGS	0.60	14.9	Pg	16:19:37.974	-0.2					T__	4010.4		---	ML	3.4	5422716	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	0.60	14.9	Lg	16:19:46.334	0.3					T__				---		5422718	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.4 magdef=1)																									
(Station ML: 3.4 magdef=0)																									
BEHE	0.79	40.6	Pg	16:19:41.464	-0.8					T__	246.5		---	ML	2.3	5422719	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
BEHE	0.79	40.6	Lg	16:19:53.004	0.2					T__				---		5422731	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
A264A	0.93	71.3	Lg	16:19:58.189	1.4					T__				---		5422734	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
A262A	1.05	19.0	Sn	16:20:03.327	0.7					T__				---		5422735	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A010A	1.20	1.7	Sn	16:20:07.644	1.4					T__				---		5422736	FDSN	Z3	00	BUD	iLoc	HHE	???	_	

OBKA	1.21	302.4	Pn	16:19:49.547	-0.9	T__	155.3	___	ML	2.4	5422720	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.21	302.4	Lg	16:20:05.363	-0.1	T__		---			5422721	FDSN	OE	--	BUD	iLoc	BHE	???	_
				(Reading ML:															
				(Station ML:															
BLY	1.39	143.5	Pn	16:19:51.756	-0.6	T__	92.5	___	ML	2.2	5422722	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.39	143.5	Sn	16:20:11.062	-0.3	T__		---			5422723	FDSN	MN	--	BUD	iLoc	BHE	???	_
				(Reading ML:															
				(Station ML:															
ARSA	1.42	346.0	Pn	16:19:52.108	-0.8	T__	55.2	___	ML	2.0	5422724	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.42	346.0	Lg	16:20:12.468	0.8	T__		---			5422725	FDSN	OE	--	BUD	iLoc	BHN	???	_
				(Reading ML:															
				(Station ML:															
KOVH	1.46	80.7	Pn	16:19:53.664	0.8	T__	71.5	___	ML	2.2	5422726	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.46	80.7	Lg	16:20:14.275	0.5	T__		---			5422727	FDSN	HU	--	BUD	iLoc	BHN	???	_
				(Reading ML:															
				(Station ML:															
MPLH	1.67	38.2	Pn	16:19:56.024	0.2	T__	74.9	___	ML	2.3	5422728	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.67	38.2	Sn	16:20:18.511	0.9	T__		---			5422732	FDSN	HU	--	BUD	iLoc	BHE	???	_
				(Reading ML:															
				(Station ML:															
A019A	1.70	338.0	Pg	16:19:58.576	0.5	T__	63.6	___	ML	2.3	5422737	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:															
				(Station ML:															
SOP	1.85	11.2	Pn	16:19:58.685	0.1	T__	77.6	___	ML	2.4	5422729	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML:															
				(Station ML:															
MORH	1.85	78.3	Pn	16:19:56.670	-1.5	T__	21.9	___	ML	1.9	5422733	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML:															
				(Station ML:															
CONA	2.06	356.9	Pn	16:20:01.346	-0.5	T__	45.6	___	ML	2.3	5422730	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML:															
				(Station ML:															
A007A	2.87	353.4	Pn	16:20:12.708	-0.2	T__	61.6	___	ML	2.9	5422738	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_
A007A	2.87	353.4	Sn	16:20:47.503	-0.5	T__		---			5422739	FDSN	Z3	00	BUD	iLoc	HHE	???	_
				(Reading ML:															
				(Station ML:															

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/04/10	18:33:17.35	1.36	1.17	47.4979	22.2914	15.3	6.1	77	8.7	14.7	9	6	143	0.65	1.56	ke	BUD	16000728	BUD		283	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	3 BUD	16000728

Sta	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	0.65	14.7	Pg	18:33:29.853	-0.2					T__		13.9		___	ML	1.0	5427443	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.65	14.7	Lg	18:33:40.817	0.6					T__				---		5427445	FDSN	HU	--	BUD	iLoc	BHE	???	_	
				(Reading ML:																					
				(Station ML:																					
DRGR	0.76	157.8	Pg	18:33:32.866	0.3					T__		34.3		___	ML	1.5	5427444	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.76	157.8	Lg	18:33:42.675	-0.9					T__				---		5427446	FDSN	RO	--	BUD	iLoc	BHN	???	_	
				(Reading ML:																					
				(Station ML:																					

```

ABAH 1.07 318.8 Pg 18:33:38.021 -0.1 T__ 45.5 ___ ML 1.8 5427447 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.07 318.8 Sn 18:33:52.117 -0.7 T__ ___ 5427442 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 1.34 298.3 Sn 18:33:59.964 0.3 T__ ___ 5427448 FDSN ZJ 00 BUD iLoc HHE ??? _
JOS 1.54 311.0 Sn 18:34:06.376 2.2 T__ ___ 5427449 FDSN ZJ -- BUD iLoc HHN ??? _
KECS 1.56 309.8 Sn 18:34:04.924 0.2 T__ ___ 5427450 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
2020/04/11 10:09:57.59 1.00 0.18 47.3815 18.1980 5.6 3.9 24 5.3f 7 4 162 0.04 0.08 ke BUD 16000734 BUD 260

```

```

Magnitude Err Nsta Author OrigID
ML 0.2 0.0 3 BUD 16000734

```

```

Sta 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 74.6 Pg 10:09:59.271 0.1 T__ 230.0 ___ ML 0.8 5428462 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.04 74.6 Lg 10:10:00.529 -0.1 T__ ___ 5428466 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CSKK 0.05 113.4 Lg 10:10:00.519 -0.2 T__ ___ 5428463 FDSN HU -- BUD iLoc HHE ??? _
MSW3 0.05 271.9 Pg 10:09:59.290 0.1 T__ 49.8 _d_ ML 0.1 5428461 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.05 271.9 Lg 10:10:00.539 -0.2 T__ ___ 5428465 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.1 magdef=1
(Station ML: 0.1 magdef=1
MSW2 0.08 173.7 Pg 10:09:59.812 0.1 T__ 42.7 ___ ML 0.2 5428464 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.08 173.7 Lg 10:10:01.638 -0.0 T__ ___ 5428467 FDSN HU -- BUD iLoc HHE ??? _
(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
2020/04/11 18:52:22.33 1.34 0.58 45.8707 16.0182 9.7 3.7 92 3.0f 9 6 191 0.05 1.42 ke BUD 16000736 BUD 248

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.0 3 BUD 16000736

```

```

Sta 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 0.05 206.5 Pg 18:52:23.534 -0.1 T__ 923.5 ___ ML 1.4 5433592 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.05 206.5 Lg 18:52:24.552 -0.0 T__ ___ 5433591 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PTJ 0.05 316.0 Pg 18:52:23.865 -0.1 T__ 689.7 ___ ML 1.3 5433589 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.05 316.0 Lg 18:52:24.475 -0.9 T__ ___ 5433590 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CRES 0.39 263.7 Pg 18:52:30.430 0.4 T__ 101.6 ___ ML 1.4 5433593 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.39 263.7 Lg 18:52:35.748 -0.1 T__ ___ 5433594 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOGS 0.60 15.5 Lg 18:52:42.236 0.3 T__ ___ 5433595 FDSN SL -- BUD iLoc BHN ??? _
OBKA 1.20 302.6 Lg 18:53:01.753 0.5 T__ ___ 5433596 FDSN OE -- BUD iLoc BHN ??? _

```


ARSA 1.42 346.3 Lg 18:53:08.419 0.8 T__ --- 5433597 FDSN OE -- 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
2020/04/12	22:07:25.46	1.02	0.74	45.8674	16.0173	8.6	4.5	142	1.0f	17	10	64	0.05	1.47	ke	BUD	16000746	BUD			127	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	7 BUD	16000746

Sta	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	0.05	207.7	Pg	22:07:26.340	-0.2					T__		2079.7		---	ML	1.7	5436955	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.05	207.7	Lg	22:07:27.511	0.0					T__				---		5436956	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PTJ	0.05	319.0	Pg	22:07:26.493	-0.5					T__		1238.7		---	ML	1.5	5436958	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.05	319.0	Lg	22:07:27.918	-0.5					T__				---		5436957	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
CRES	0.39	264.2	Pg	22:07:33.821	0.7					T__		257.6		---	ML	1.8	5436959	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	264.2	Lg	22:07:39.012	0.1					T__				---		5436960	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOGS	0.60	15.5	Pg	22:07:36.824	-0.6					T__		341.8		---	ML	2.4	5436962	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.60	15.5	Lg	22:07:45.017	-0.3					T__				---		5436961	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
BEHE	0.80	40.9	Lg	22:07:53.821	1.7					T__				---		5436963	FDSN	HU	--	BUD	iLoc	BHE	???	_	
A264A	0.93	71.3	Lg	22:07:56.676	0.4					T__				---		5436971	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
OBKA	1.21	302.7	Pg	22:07:48.427	0.1					T__		69.1		---	ML	2.0	5436965	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.21	302.7	Lg	22:08:03.898	-0.5					T__				---		5436964	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
BLY	1.39	143.2	Lg	22:08:10.208	-0.2					T__				---		5436966	FDSN	MN	--	BUD	iLoc	BHE	???	_	
ARSA	1.42	346.3	Pg	22:07:52.702	0.5					T__		49.9		---	ML	2.0	5436968	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.42	346.3	Lg	22:08:10.768	-0.0					T__				---		5436967	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KOVH	1.47	80.6	Pn	22:07:53.109	0.9					T__		60.7		---	ML	2.1	5436969	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.47	80.6	Sn	22:08:13.109	1.3					T__				---		5436970	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(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
2020/04/13	03:43:16.30	1.81	0.35	47.3422	18.2289f				2.8	15.3	6	3	184	0.03	0.05	ke	BUD	16000748	BUD			336

Magnitude	Err	Nsta	Author	OrigID
ML	0.2	0.1	3 BUD	16000748

Sta	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	45.8	Pg	03:43:17.660	0.3					T__		70.1		_d	ML	0.2	5437490	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.03	45.8	Lg	03:43:18.377	-0.2					T__				---		5437489	FDSN	HU	--	iLoc	BUD	HHN	???	_	

```

(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1
MSW2 0.04 197.1 Pg 03:43:17.781 0.2 T__ 53.2 ___ ML 0.1 5437491 FDSN HU -- iLoc BUD HHZ HHZ _
MSW2 0.04 197.1 Lg 03:43:18.461 -0.4 T__ ___ 5437492 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 0.1 magdef=1
(Station ML: 0.1 magdef=1
MSW1 0.05 22.0 Pg 03:43:18.014 0.2 T__ 78.1 _d ML 0.3 5437493 FDSN HU -- iLoc BUD HHZ HHZ _
MSW1 0.05 22.0 Lg 03:43:18.927 -0.4 T__ ___ 5437488 FDSN HU -- iLoc BUD 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
2020/04/13 07:49:30.90 1.35 0.24 47.4167 18.2216 8.4 3.2 12 3.4f 9 5 218 0.03 0.20 ke BUD 16000750 BUD 250

```

```

Magnitude Err Nsta Author OrigID
ML 0.9 0.2 4 BUD 16000750

```

```

Sta 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 0.03 133.2 Pg 07:49:32.148 0.0 T__ 427.9 ___ ML 1.0 5437563 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.03 133.2 Lg 07:49:33.092 -0.3 T__ ___ 5437566 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CSKK 0.06 153.8 Pg 07:49:32.837 0.3 T__ 669.3 _d ML 1.3 5437562 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 153.8 Lg 07:49:33.862 -0.3 T__ ___ 5437561 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MSW3 0.07 242.6 Pg 07:49:32.856 0.1 T__ 192.7 _d ML 0.8 5437565 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.07 242.6 Lg 07:49:34.253 -0.2 T__ ___ 5437564 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
MSW2 0.11 183.6 Pg 07:49:33.731 0.2 T__ 131.2 ___ ML 0.7 5437559 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.11 183.6 Lg 07:49:35.817 -0.1 T__ ___ 5437560 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
HU08A 0.20 274.2 Lg 07:49:38.744 -0.0 T__ ___ 5437567 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
2020/04/14 09:08:39.04 0.86 0.69 46.0501 18.3576 0.0 0.0 7 0 231 0.18 1.52 kx BUD 16000756 BUD
2020/04/14 09:08:38.12 0.99 1.32 46.1765 18.2926f 0.0f 7 4 155 0.16 1.44 kx BUD_GT 16000757 BUD 263

```

```

(locality : Komló Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 1.1 3 BUD 16000757

```

```

Sta 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 09:08:41.699 -0.3 T__ 588.5 ___ ML 1.5 5439148 FDSN HU -- iLoc BUD BHZ BHZ _
KOVH 0.16 236.7 Lg 09:08:44.399 -0.7 T__ ___ 5439149 FDSN HU -- iLoc BUD BHE ??? _
(Reading ML: 1.5 magdef=1

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```

(Station ML: 1.5 magdef=1
MORH 0.25 80.9 Pg 09:08:43.307 -0.3 T__ 58.4 --- ML 0.8 5439150 FDSN HU -- iLoc BUD BHZ BHZ _
MORH 0.25 80.9 Lg 09:08:47.614 -0.4 T__ --- 5439151 FDSN HU -- iLoc BUD BHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
MPLH 1.12 332.7 Lg 09:09:18.754 1.5 T__ --- 5439152 FDSN HU -- iLoc BUD BHE ??? _
KOGS 1.44 281.6 Pg 09:09:07.453 1.3 T__ 336.3 --- ML 2.8 5439153 FDSN SL -- iLoc BUD BHZ BHZ _
KOGS 1.44 281.6 Lg 09:09:27.317 2.4 T__ --- 5439154 FDSN SL -- iLoc BUD BHE ??? _
(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
2020/04/14	09:50:03.05	1.66	0.96	47.3762	18.3479	10.9	5.4	110	0.0f	8	7	107	0.06	1.18	sx	BUD	16000758	BUD			169	

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.4 4 BUD 16000758

```

Sta	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	257.6	Pg	09:50:05.023	0.1					T__		2293.6		---	ML	1.8 5439207	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
CSKK	0.06	257.6	Lg	09:50:06.137	-0.8					T__				---		5439210	FDSN	HU	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
MSW1	0.06	285.5	Pg	09:50:05.505	0.5					T__		1440.8		---	ML	1.6 5439211	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
MSW2	0.12	231.6	Pg	09:50:06.408	0.4					T__		427.7		---	ML	1.3 5439212	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
MSW3	0.15	272.7	Pg	09:50:07.107	0.5					T__		230.7		---	ML	1.1 5439213	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
HU09A	0.26	5.1	Lg	09:50:13.272	-0.5					T__				---		5439214	FDSN	ZJ	00	BUD	iLoc	HNN	???	_		
PSZ	1.18	62.0	Sn	09:50:42.760	-1.3					T__				---		5439209	FDSN	GE	--	BUD	iLoc	HHE	???	_		
MORH	1.18	170.0	Sn	09:50:42.161	-1.1					T__				---		5439208	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	
2020/04/15	09:09:36.08	0.88	0.91	47.6349	16.3706	4.7	3.5	12	5.6	14.7	20	14	64	0.14	1.43	sx	BUD	16000760	BUD			116	

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 6 BUD 16000760

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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		
SOP	0.14	69.0	Pg	09:09:38.991	-0.1					T__		183.1		---	ML	0.9 5440973	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
SOP	0.14	69.0	Lg	09:09:41.652	0.3					T__				---		5440974	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Reading ML: 0.9 magdef=1)																										
(Station ML: 0.9 magdef=0)																										
CONA	0.45	310.7	Pg	09:09:44.534	-0.7					T__		105.4		---	ML	1.6 5440980	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_		
(Reading ML: 1.6 magdef=1)																										
CONA	0.45	310.7	Lg	09:09:52.208	0.9					T__				---		5440975	FDSN	OE	--	BUD	iLoc	BHZ	???	_		
(Station ML: 1.6 magdef=1)																										

EGYH	0.69	108.1	Lg	09:10:00.092	0.4	T__										5440978	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.69	236.5	Pg	09:09:49.500	-0.0	T__						66.8				5440981	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
ARSA	0.69	236.5	Lg	09:09:58.037	-0.2	T__										5440982	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A013A	0.78	303.8	Pg	09:09:51.371	0.2	T__						99.1				5440986	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A013A	0.78	303.8	Lg	09:10:02.011	0.8	T__										5440987	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
A018A	0.88	277.6	Pn	09:09:54.951	0.4	T__						61.0				5440988	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MPLH	0.92	119.9	Pg	09:09:54.201	-0.1	T__						65.1				5440976	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.92	119.9	Lg	09:10:06.698	-0.8	T__										5440977	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MODS	0.96	39.1	Pg	09:09:55.010	-0.2	T__										5440984	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.96	39.1	Lg	09:10:09.845	0.3	T__										5440983	FDSN	SK	--	BUD	iLoc	HHE	???	_	
HU08A	1.07	100.4	Sn	09:10:11.580	-0.6	T__										5440989	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A001A	1.10	7.6	Sn	09:10:15.393	2.1	T__										5440990	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
A006A	1.13	348.2	Sn	09:10:15.228	1.5	T__										5440991	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
KOGS	1.19	184.0	Lg	09:10:14.871	0.5	T__										5440985	FDSN	SL	--	BUD	iLoc	BHN	???	_	
A007A	1.22	332.8	Lg	09:10:15.412	-1.3	T__										5440992	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
KRUC	1.43	0.6	Sn	09:10:22.089	1.1	T__										5440979	FDSN	CZ	--	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			
2020/04/15	09:25:03.53	0.87	1.63	46.9407	17.3809	4.1	3.5	146	0.0f		20	13	72	0.16	1.43	sx	BUD	16000762	BUD			124			
2020/04/15	09:25:02.56	0.87	1.63	46.8548	17.2699f				0.0f		18	11	97	0.13	1.44	kx	BUD_GT	16000763	BUD			175			
(locality : Várvölgy Hungary)																									
(description : known quarry blast)																									
(GT info : GT2 explosion)																									

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.5	9 BUD	16000763

Sta	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	09:25:05.514	-0.3					T__		13754.4			ML	2.8	5441075	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
A261A	0.13	319.5	Lg	09:25:11.011	2.6					T__						5441076	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=0)																									
MPLH	0.37	30.2	Pg	09:25:07.954	-2.5							491.1			ML	2.0	5441065	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
MPLH	0.37	30.2	Lg	09:25:15.154	-1.4					T__						5441066	FDSN	HU	--	iLoc	BUD	BHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
TIH	0.43	83.7	Pg	09:25:08.958	-2.6							840.4			ML	2.4	5441073	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
BEHE	0.51	221.7	Pg	09:25:16.504	3.2					T__		87.3			ML	1.7	5441068	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
BEHE	0.51	221.7	Sn	09:25:27.342	0.7					T__						5441067	FDSN	HU	--	iLoc	BUD	BHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
EGYH	0.56	4.3	Pg	09:25:12.420	-1.9					T__		413.0			ML	2.4	5441077	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_

EGYH	0.56	4.3	Lg	09:25:22.851	-0.3	T__									5441078	FDSN	HU	--	iLoc	BUD	HHE	???	_
(Reading ML: 2.4 magdef=1)																							
(Station ML: 2.4 magdef=1)																							
HU08A	0.73	37.5	Pg	09:25:15.335	-2.1	T__	154.1								5441079	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU08A	0.73	37.5	Lg	09:25:27.938	-1.3	T__									5441080	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=1)																							
A267A	0.84	83.3	Lg	09:25:32.651	-0.2	T__									5441081	FDSN	Z3	00	iLoc	BUD	HHE	???	_
CSKK	0.85	52.7	Lg	09:25:32.796	-0.9	T__									5441082	FDSN	HU	--	iLoc	BUD	HHZ	???	_
MSW1	0.86	51.1	Pg	09:25:18.814	-1.2	T__	115.3								5441083	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
KOVH	0.96	142.9	Pg	09:25:24.051	2.1	T__	45.4								5441069	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
KOVH	0.96	142.9	Lg	09:25:34.799	-0.7	T__									5441070	FDSN	HU	--	iLoc	BUD	BHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
HU09A	1.09	43.6	Sn	09:25:40.051	-0.6	T__									5441084	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_
MORH	1.14	123.5	Pn	09:25:25.260	0.7	T__	13.6								5441071	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
MORH	1.14	123.5	Sn	09:25:40.598	-0.8	T__									5441072	FDSN	HU	--	iLoc	BUD	BHE	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=0)																							
CONA	1.44	318.8	Sn	09:25:51.655	2.6	T__									5441074	FDSN	OE	--	iLoc	BUD	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/04/15	17:28:43.55	1.05	0.61	45.8888	16.0142	7.0	4.1	117	1.0f		14	8	115	0.04	1.47	ke	BUD	16000766	BUD			179

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	6 BUD	16000766

Sta	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	0.04	299.5	Pg	17:28:44.628	-0.2					T__		643.9			ML	1.2	5442980	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	299.5	Lg	17:28:45.264	-0.8					T__						5442981	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
ZAG	0.06	197.1	Pg	17:28:45.010	-0.0					T__	2129.4				ML	1.8	5442983	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.06	197.1	Lg	17:28:46.053	-0.1					T__						5442982	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CRES	0.39	261.0	Pg	17:28:51.218	-0.0					T__	137.6				ML	1.5	5442984	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	261.0	Lg	17:28:57.834	0.8					T__						5442985	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOGS	0.58	16.3	Pg	17:28:54.679	-0.4					T__	236.2				ML	2.2	5442987	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.58	16.3	Lg	17:29:03.076	0.3					T__						5442986	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
BEHE	0.79	42.0	Lg	17:29:10.200	0.4					T__						5442991	FDSN	HU	--	BUD	iLoc	BHE	???	_	
OBKA	1.19	301.9	Pg	17:29:06.791	0.6					T__	46.7				ML	1.8	5442992	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.19	301.9	Lg	17:29:21.600	-0.5					T__						5442988	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ARSA	1.40	346.2	Pg	17:29:10.608	0.6					T__	43.8				ML	1.9	5442993	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_

ARSA	1.40	346.2	Lg	17:29:28.826	0.6	T__	---	5442989	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																
(Station ML: 1.9 magdef=1)																
KOVH	1.47	81.4	Sn	17:29:30.862	1.0	T__	---	5442990	FDSN	HU	--	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
2020/04/16	10:25:20.13	0.94	0.69	48.5421	20.7785	4.6	3.7	177	0.0f	14	8	89	0.17	1.24	sx	BUD	16000770	BUD			128	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	7 BUD	16000770

Sta	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	253.8	Pg	10:25:23.721	0.1					T__		746.4		---	ML	1.6	5447025	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.17	253.8	Lg	10:25:27.151	0.7					T__				---		5447026	FDSN	ZJ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
KECS	0.20	253.3	Pg	10:25:24.263	-0.2					T__		3665.3		---	ML	2.4	5447016	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.20	253.3	Lg	10:25:27.902	0.1					T__				---		5447017	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Reading ML: 2.4 magdef=1)																										
(Station ML: 2.4 magdef=0)																										
ABAH	0.39	128.5	Pg	10:25:28.474	0.2					T__		107.4		---	ML	1.4	5447018	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.39	128.5	Lg	10:25:34.652	-0.5					T__				---		5447019	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
HU02A	0.45	202.0	Pg	10:25:30.247	0.5					T__		72.5		---	ML	1.4	5447027	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_	
HU02A	0.45	202.0	Lg	10:25:36.160	-1.0					T__				---		5447028	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=0)																										
PSZ	0.86	223.8	Pg	10:25:37.622	-0.7					T__		64.5		---	ML	1.8	5447020	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.86	223.8	Lg	10:25:51.205	-0.0					T__				---		5447021	FDSN	GE	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
STHS	0.93	19.1	Pg	10:25:37.416	0.0					T__		93.0		---	ML	2.0	5447024	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
NIE	0.93	340.4	Pn	10:25:40.167	0.5					T__		40.4		---	ML	1.6	5447022	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
NIE	0.93	340.4	Lg	10:25:50.723	-0.3					T__				---		5447023	FDSN	PL	--	BUD	iLoc	BHE	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
TRPA	1.24	108.7	Sn	10:26:01.025	-1.6					T__				---		5447029	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
2020/04/17	10:17:29.67	0.96	0.64	48.5379	20.7633	6.0	3.3	2	0.0f	16	10	86	0.15	1.32	sx	BUD	16000772	BUD			121	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	8 BUD	16000772

Sta	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	254.3	Pg	10:17:33.032	0.0					T__		858.6		---	ML	1.7	5453706	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	254.3	Lg	10:17:36.640	1.0					T__				---		5453707	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.19 253.6 Pg 10:17:33.608 -0.1 T__ 2777.0 ___ ML 2.3 5453698 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.19 253.6 Lg 10:17:37.452 0.5 T__ ___ 5453699 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
ABAH 0.40 127.1 Pg 10:17:38.005 0.1 T__ 130.1 ___ ML 1.5 5453696 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.40 127.1 Lg 10:17:44.061 -0.8 T__ ___ 5453697 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.45 201.0 Pg 10:17:38.911 -0.2 T__ 93.9 ___ ML 1.5 5453708 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 201.0 Lg 10:17:45.978 -0.4 T__ ___ 5453709 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
PSZ 0.85 223.5 Pg 10:17:47.391 -0.2 T__ 86.3 ___ ML 1.9 5453700 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.85 223.5 Lg 10:18:00.531 0.1 T__ ___ 5453701 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 0.93 341.1 Pn 10:17:49.718 0.5 T__ 50.1 ___ ML 1.7 5453702 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LANS 1.05 306.1 Pg 10:17:49.453 -1.0 T__ 55.7 ___ ML 1.8 5453705 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HOLU 1.08 90.0 Pg 10:17:50.576 0.3 T__ ___ 5453710 FDSN UA -- BUD iLoc MHZ ??? _
TRPA 1.25 108.3 Pn 10:17:53.575 0.2 T__ 33.3 ___ ML 1.7 5453703 FDSN HU -- BUD iLoc BHZ BHZ _
TRPA 1.25 108.3 Sn 10:18:11.074 -1.2 T__ ___ 5453704 FDSN HU -- BUD iLoc BHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
STZU 1.32 68.0 Pg 10:17:55.005 0.3 T__ ___ 5453711 FDSN UA -- BUD iLoc MHZ ??? _

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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
2020/04/17 19:40:02.20 1.07 0.60 45.9016 16.0165 5.6 4.0 89 3.0f 9 5 178 0.03 1.19 ke BUD 16000774 BUD 254

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Magnitude Err Nsta Author OrigID
ML 1.5 0.3 4 BUD 16000774

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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 0.03 279.0 Pg 19:40:03.453 -0.1 T__ 585.9 ___ ML 1.2 5455475 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.03 279.0 Lg 19:40:04.572 -0.2 T__ ___ 5455476 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ZAG 0.08 195.5 Pg 19:40:04.064 0.1 T__ 1222.4 ___ ML 1.6 5455477 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.08 195.5 Lg 19:40:05.030 -0.3 T__ ___ 5455478 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CRES 0.40 259.2 Pg 19:40:10.208 0.2 T__ 92.3 ___ ML 1.4 5455479 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.40 259.2 Lg 19:40:15.755 -0.1 T__ ___ 5455480 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOGS 0.57 16.5 Pg 19:40:13.032 -0.4 T__ 197.1 ___ ML 2.1 5455481 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.57 16.5 Lg 19:40:21.913 1.0 T__ ___ 5455482 FDSN SL -- BUD iLoc BHN ??? _

```

(Reading ML: 2.1 magdef=1
 (Station ML: 2.1 magdef=1
 OBKA 1.19 301.3 Lg 19:40:41.428 0.9 T__ ___ 5455483 FDSN OE -- 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
2020/04/19	05:45:59.62	0.96	0.75	48.5289	22.4179	6.4	4.6	16	4.4	10.2	58	41	49	0.13	4.60	ke	BUD	16000776	BUD			81

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.2	33 BUD	16000776

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
UZH	0.13	321.0	Pg	05:46:01.686	-0.8					T__						5461950	FDSN	UA	--	BUD	iLoc	BHZ	???	_	
TRPA	0.41	168.5	Pg	05:46:08.266	0.6					T__		359.9			ML	2.0	5461921	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0																									
BRIU	0.44	115.2	Pg	05:46:07.940	-0.4					T__						5461951	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
HU07A	0.64	211.7	Pn	05:46:13.709	-1.8					T__		1205.1			ML	2.9	5461952	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.64	211.7	Lg	05:46:24.085	1.2					T__						5461953	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1																									
MEZ	0.73	90.8	Pg	05:46:13.987	0.2					T__						5461954	FDSN	UA	--	BUD	iLoc	BHZ	???	_	
MEZ	0.73	90.8	Lg	05:46:24.537	-0.3					T__						5461955	FDSN	UA	--	BUD	iLoc	BHZ	???	_	
ABAH	0.82	253.9	Pg	05:46:15.527	-0.1					T__		1769.6			ML	3.2	5461956	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.82	253.9	Lg	05:46:28.349	0.0					T__						5461957	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1																									
SHIU	0.93	41.5	Pg	05:46:18.376	0.8					T__						5461958	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
KWP	1.12	9.7	Lg	05:46:37.231	0.3					T__						5461934	FDSN	PL	--	BUD	iLoc	BHE	???	_	
BMR	1.12	139.4	Pn	05:46:20.893	-0.4					T__		2116.8			ML	3.4	5461959	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BMR	1.12	139.4	Lg	05:46:37.651	-0.1					T__						5461960	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=0																									
STHS	1.18	319.4	Pg	05:46:21.583	0.1					T__		1326.0			ML	3.3	5461922	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	1.18	319.4	Sn	05:46:39.428	-0.7					T__						5461935	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=0																									
JOS	1.25	269.2	Pn	05:46:22.643	-0.1					T__		400.2			ML	2.8	5461961	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.25	269.2	Sn	05:46:40.568	-0.4					T__						5461962	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=0																									
RAKU	1.27	112.7	Pn	05:46:22.549	-1.1					T__						5461964	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
RAKU	1.27	112.7	Sn	05:46:41.701	-0.8					T__						5461965	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
KECS	1.29	268.7	Pn	05:46:22.915	-0.3					T__		526.3			ML	2.9	5461923	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.29	268.7	Sn	05:46:41.093	-0.8					T__						5461936	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1																									
HU05A	1.30	221.8	Pn	05:46:23.801	0.5					T__		475.6			ML	2.9	5461963	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1																									
HU02A	1.33	252.8	Pn	05:46:23.646	-0.3					T__		563.4			ML	3.0	5461966	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.33	252.8	Sn	05:46:42.146	-1.0					T__						5461967	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1																									

(Station ML: 3.0 magdef=1 DRGR 1.75 173.4 Pn 05:46:30.572 0.5 (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0	T__	176.5	___ ML	2.7 5461925	FDSN RO	-- BUD	iLoc	BHZ BHZ	_
PSZ 1.79 251.0 Pn 05:46:30.306 -0.3 PSZ 1.79 251.0 Sn 05:46:54.943 0.4 (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1	T__	242.6	___ ML	2.9 5461924	FDSN GE	-- BUD	iLoc	BHZ BHZ	_
HU24A 1.83 208.2 Pn 05:46:31.193 0.5 (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1	T__	279.8	___ ML	3.0 5461968	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
CJR 1.98 155.8 Pn 05:46:34.101 0.6 (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=0	T__	491.3	___ ML	3.3 5461927	FDSN RO	-- BUD	iLoc	BHZ BHZ	_
HU03A 1.99 252.7 Pn 05:46:33.679 0.7 (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1	T__	181.0	___ ML	2.9 5461969	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
LANS 2.05 288.8 Pn 05:46:35.100 0.8 (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1	T__	197.5	___ ML	2.9 5461926	FDSN SK	-- BUD	iLoc	EHZ EHZ	_
BURAR 2.09 114.9 Pn 05:46:35.300 -0.1 BURAR 2.09 114.9 Sn 05:47:02.361 -0.9 HU10A 2.38 254.5 Pn 05:46:38.067 -0.4 HU10A 2.38 254.5 Pg 05:46:45.391 -0.4 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1	T__	227.0	___ ML	5461928 5461949 3.2 5461970 5461971	FDSN RO FDSN RO FDSN ZJ FDSN ZJ	-- BUD -- BUD 00 BUD 00 BUD	iLoc iLoc iLoc iLoc	BHZ ??? BHE ??? HHZ HHZ HHZ ???	_
OJC 2.41 315.7 Pn 05:46:39.828 0.3 (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1	T__	131.6	___ ML	3.0 5461929	FDSN PL	-- BUD	iLoc	BHZ BHZ	_
A332A 2.63 277.5 Pn 05:46:42.000 -0.4 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1	T__	158.7	___ ML	3.2 5461972	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
DEV 2.67 172.7 Pg 05:46:50.152 0.1 (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1	T__	145.4	___ ML	3.1 5461973	FDSN RO	-- BUD	iLoc	HHZ HHZ	_
A335A 2.72 269.8 Pn 05:46:43.254 -0.2 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1	T__	146.0	___ ML	3.2 5461974	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A331A 2.84 284.2 Pn 05:46:46.692 1.4 (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1	T__	109.8	___ ML	3.1 5461975	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
BZS 2.96 190.9 Pn 05:46:46.619 -0.3 (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=0	T__	46.7	___ ML	2.8 5461931	FDSN RO	-- BUD	iLoc	BHZ BHZ	_
OKC 3.09 296.7 Pn 05:46:49.150 0.4 (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=0	T__	34.3	___ ML	2.8 5461930	FDSN CZ	-- BUD	iLoc	BHZ BHZ	_
GZR 3.15 175.4 Pn 05:46:50.265 0.4 GZR 3.15 175.4 Pg 05:47:01.146 2.2 (Reading ML: 3.3 magdef=1	T__	105.8	___ ML	3.3 5461976 5461977	FDSN RO FDSN RO	-- BUD -- BUD	iLoc iLoc	BHZ BHZ BHZ ???	_
GZR 3.15 175.4 Sn 05:47:27.539 0.0 (Station ML: 3.3 magdef=1	T__		___	5461948	FDSN RO	-- BUD	iLoc	BHE ???	_
JAVC 3.16 277.8 Pn 05:46:50.282 0.3	T__	67.3	___ ML	3.1 5461932	FDSN CZ	-- BUD	iLoc	BHZ BHZ	_

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(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=1
LOT 3.22 162.8 Pn 05:46:51.363 0.2 T__ 145.3 ___ ML 3.5 5461938 FDSN RO -- BUD iLoc BHZ BHZ _
(Reading ML: 3.5 magdef=1
(Station ML: 3.5 magdef=0
MODS 3.43 269.3 Pn 05:46:53.402 -0.1 T__ 5461978 FDSN SK -- BUD iLoc HHZ ??? _
MORC 3.44 293.1 Pn 05:46:53.145 -0.5 T__ 52.9 ___ ML 3.1 5461939 FDSN CZ -- BUD iLoc BHZ BHZ _
MORC 3.44 293.1 Sn 05:47:35.760 -0.4 T__ ___ 5461940 FDSN CZ -- BUD iLoc BHE ??? _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=1
MORH 3.45 229.3 Pn 05:46:54.077 1.0 T__ 12.7 ___ ML 2.5 5461941 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
MPLH 3.56 249.3 Pn 05:46:54.743 -0.1 T__ 42.3 ___ ML 3.1 5461942 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=1
KOVH 3.82 231.9 Pn 05:46:58.472 0.2 T__ 32.3 ___ ML 3.1 5461943 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=1
VRAC 3.92 283.7 Pn 05:46:59.404 -1.0 T__ 41.2 ___ ML 3.2 5461944 FDSN CZ -- BUD iLoc BHZ BHZ _
VRAC 3.92 283.7 Sn 05:47:46.947 -1.3 T__ ___ 5461945 FDSN CZ -- BUD iLoc BHE ??? _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
KRUC 4.02 279.9 Pn 05:47:01.069 -0.7 T__ 88.4 ___ ML 3.6 5461946 FDSN CZ -- BUD iLoc BHZ BHZ _
KRUC 4.02 279.9 Sn 05:47:48.479 -1.9 T__ ___ 5461947 FDSN CZ -- BUD iLoc BHE ??? _
(Reading ML: 3.6 magdef=1
(Station ML: 3.6 magdef=0
KSP 4.60 302.5 Pn 05:47:09.392 -0.6 T__ 41.2 ___ ML 3.4 5461933 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 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
2020/04/20 09:03:59.85 1.75 0.72 47.3655 18.3675 10.5 5.0 112 0.0f 12 8 109 0.07 1.29 sx BUD 16000780 BUD 168

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Magnitude Err Nsta Author OrigID
ML 1.3 0.2 4 BUD 16000780

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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 0.07 268.2 Pg 09:04:02.343 0.4 T__ 1301.8 ___ ML 1.6 5466385 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 268.2 Lg 09:04:03.745 -0.4 T__ ___ 5466374 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MSW1 0.08 290.4 Pg 09:04:02.424 0.3 T__ 729.6 ___ ML 1.4 5466378 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 290.4 Lg 09:04:03.982 -0.4 T__ ___ 5466379 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW2 0.12 239.4 Pg 09:04:03.272 0.3 T__ 300.2 ___ ML 1.1 5466381 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.12 239.4 Lg 09:04:05.151 -0.7 T__ ___ 5466380 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MSW3 0.17 276.2 Pg 09:04:04.647 0.9 T__ 215.4 ___ ML 1.1 5466382 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.17 276.2 Lg 09:04:06.159 -1.0 T__ ___ 5466383 FDSN HU -- BUD iLoc HHN ??? _

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(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU09A 0.27 2.1 Lg 09:04:10.027 -0.9 T__ --- 5466384 FDSN ZJ 00 BUD iLoc HHN ??? _
MORH 1.17 170.5 Sn 09:04:39.722 -0.0 T__ --- 5466376 FDSN HU -- BUD iLoc HHE ??? _
PSZ 1.17 61.3 Sn 09:04:40.284 -0.4 T__ --- 5466375 FDSN GE -- BUD iLoc HHE ??? _
KOVH 1.29 188.3 Sn 09:04:43.541 0.7 T__ --- 5466377 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
2020/04/20 09:18:06.36 1.05 1.00 47.3620 18.4011 7.6 4.7 169 0.0f 16 10 132 0.10 1.29 sx BUD 16000782 BUD 145

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 7 BUD 16000782

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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 0.10 270.7 Pg 09:18:08.627 -0.3 T__ 2728.0 --- ML 2.0 5466522 FDSN HU -- BUD iLoc HHN HHZ _
CSKK 0.10 270.7 Lg 09:18:10.518 -0.9 T__ --- 5466507 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
MSW1 0.10 287.8 Pg 09:18:09.187 0.2 T__ 1463.0 --- ML 1.7 5466515 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.10 287.8 Lg 09:18:10.676 -1.0 T__ --- 5466516 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW2 0.14 245.3 Pg 09:18:09.897 0.1 T__ 314.1 --- ML 1.2 5466518 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.14 245.3 Lg 09:18:11.477 -1.5 T__ --- 5466517 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MSW3 0.19 276.5 Pg 09:18:11.340 0.7 T__ 370.9 --- ML 1.4 5466520 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.19 276.5 Lg 09:18:13.378 -1.1 T__ --- 5466519 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A 0.33 282.2 Lg 09:18:19.832 0.5 T__ --- 5466521 FDSN ZJ 00 BUD iLoc HHE ??? _
BUD 0.44 73.7 Lg 09:18:22.216 -1.1 T__ --- 5466511 FDSN HU -- BUD iLoc BHN ??? _
MPLH 0.62 252.2 Pg 09:18:20.452 1.4 T__ 90.2 --- ML 1.8 5466512 FDSN HU -- BUD iLoc BHZ BHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
PSZ 1.15 60.6 Pn 09:18:30.384 1.5 T__ 32.3 --- ML 1.7 5466514 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 1.15 60.6 Sn 09:18:47.167 0.4 T__ --- 5466508 FDSN GE -- BUD iLoc BHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORH 1.16 171.7 Pn 09:18:29.406 0.9 T__ 7.7 --- ML 1.0 5466513 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 1.16 171.7 Sn 09:18:45.971 -0.1 T__ --- 5466509 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
KOVH 1.29 189.3 Sn 09:18:49.700 0.3 T__ --- 5466510 FDSN HU -- 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
2020/04/20 12:20:00.01 0.94 0.77 47.1075 18.0765 5.2 3.8 131 0.0f 15 8 130 0.22 1.02 sx BUD 16000784 BUD 163

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 7 BUD 16000784

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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	0.22	25.1	Pg	12:20:04.344	-0.6					T__		374.2		___	ML	1.5	5466834	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.22	25.1	Lg	12:20:09.339	0.1					T__				---		5466835	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MSW3	0.28	7.0	Pg	12:20:06.122	0.0					T__		360.6		___	ML	1.6	5466836	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.28	7.0	Lg	12:20:11.669	0.4					T__				---		5466837	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CSKK	0.28	26.1	Pg	12:20:06.531	0.3					T__		364.0		___	ML	1.7	5466838	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.28	26.1	Lg	12:20:11.708	0.0					T__				---		5466827	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
MSW1	0.31	23.5	Lg	12:20:12.411	-0.2					T__				---		5466839	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU08A	0.34	342.3	Pg	12:20:07.917	0.6					T__		145.0		---	ML	1.4	5466840	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.34	342.3	Lg	12:20:12.761	-0.6					T__				---		5466841	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MPLH	0.37	279.9	Pg	12:20:08.700	0.7					T__		169.2		___	ML	1.6	5466828	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.37	279.9	Lg	12:20:12.479	-1.7					T__				---		5466829	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	0.97	156.2	Pn	12:20:19.821	0.2					T__		8.8		___	ML	1.0	5466830	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.97	156.2	Lg	12:20:34.607	0.8					T__				---		5466831	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
KOVH	1.02	179.1	Pn	12:20:20.207	-0.1					T__		28.7		___	ML	1.5	5466832	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.02	179.1	Lg	12:20:34.272	-1.3					T__				---		5466833	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(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
 2020/04/22 07:49:45.15 0.83 1.34 47.6922 18.5113 3.9 3.0 144 0.0f 25 17 84 0.10 1.80 sx BUD 16000786 BUD 106

Magnitude Err Nsta Author OrigID
 ML 1.8 0.1 10 BUD 16000786

Sta	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	238.4	Pg	07:49:47.546	-0.2					T__		2455.2		___	ML	2.0	5467837	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	238.4	Lg	07:49:49.884	-0.3					T__				---		5467838	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
SRD	0.18	312.3	Pg	07:49:49.362	0.1					T__		3616.7		___	ML	2.4	5467829	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
MSW1	0.34	209.8	Pg	07:49:52.621	0.2					T__		280.9		___	ML	1.7	5467839	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.34	209.8	Lg	07:49:57.025	-1.7					T__				---		5467840	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CSKK	0.37	207.4	Pg	07:49:53.070	0.1					T__		274.2		___	ML	1.8	5467841	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.37	207.4	Lg	07:49:58.645	-0.9					T__				---		5467824	FDSN	HU	--	BUD	iLoc	HHE	???	_	

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.37 65.7 Lg 07:49:58.921 -0.7 T__ --- 5467842 FDSN ZJ 00 BUD iLoc HHN ??? _
BUD 0.40 120.8 Lg 07:49:58.979 -1.8 T__ --- 5467843 FDSN HU -- BUD iLoc BHE ??? _
MSW2 0.44 207.7 Pg 07:49:54.774 0.5 T__ 117.5 --- ML 1.6 5467845 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.44 207.7 Lg 07:50:01.806 -0.1 T__ --- 5467844 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
HU08A 0.48 236.9 Pg 07:49:55.721 0.7 T__ 101.9 --- ML 1.6 5467846 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MPLH 0.84 232.0 Pg 07:50:03.441 1.3 T__ 73.3 --- ML 1.8 5467825 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.84 232.0 Sn 07:50:17.211 -0.2 T__ --- 5467826 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
EGYH 0.84 251.4 Lg 07:50:16.853 2.2 T__ --- 5467832 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.96 75.8 Pg 07:50:07.967 2.5 T__ 51.3 --- ML 1.7 5467830 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.96 75.8 Lg 07:50:17.378 -2.6 T__ --- 5467831 FDSN GE -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 1.07 309.9 Pn 07:50:06.309 -0.4 T__ --- 5467833 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.07 309.9 Lg 07:50:20.960 -2.3 T__ --- 5467834 FDSN SK -- BUD iLoc HHE ??? _
JAVC 1.30 334.6 Sn 07:50:30.269 0.5 T__ --- 5467835 FDSN CZ -- BUD iLoc BHN ??? _
HU02A 1.42 71.6 Pn 07:50:12.472 1.2 T__ 31.0 --- ML 1.8 5467847 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MORH 1.48 176.4 Pn 07:50:11.939 0.1 T__ 14.1 --- ML 1.5 5467827 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 1.48 176.4 Sn 07:50:31.174 -1.7 T__ --- 5467828 FDSN HU -- BUD iLoc BHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
JOS 1.58 58.6 Sn 07:50:35.564 0.1 T__ --- 5467848 FDSN ZJ -- BUD iLoc HHE ??? _
CONA 1.80 278.5 Sn 07:50:40.033 -1.2 T__ --- 5467836 FDSN OE -- 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
2020/04/22 07:55:58.66 2.39 0.68 47.3601 18.3853 14.5 7.4 96 0.3 4.4 11 7 129 0.08 1.29 sx BUD 16000788 BUD 240

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 4 BUD 16000788

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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 0.08 272.1 Pg 07:56:01.023 0.1 T__ 2439.2 --- ML 1.9 5467904 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.08 272.1 Lg 07:56:02.820 -0.3 T__ --- 5467905 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW1 0.09 291.0 Pg 07:56:01.035 -0.0 T__ 1796.2 --- ML 1.8 5467910 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.09 291.0 Lg 07:56:03.191 -0.1 T__ --- 5467911 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MSW2 0.13 244.1 Pg 07:56:01.688 -0.1 T__ 275.4 --- ML 1.1 5467913 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.13 244.1 Lg 07:56:04.940 0.3 T__ --- 5467912 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1

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MSW3	0.18	277.5	Lg	07:56:06.237	0.1	T__									5467914	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.16	171.1	Sn	07:56:38.086	-0.0	T__									5467908	FDSN	HU	--	BUD	iLoc	HHE	???	_
PSZ	1.16	60.8	Pn	07:56:21.389	0.2	T__				60.9					5467906	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.16	60.8	Sn	07:56:38.386	-0.7	T__									5467907	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
KOVH	1.29	188.9	Sn	07:56:42.878	1.6	T__									5467909	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
2020/04/23	07:02:56.90	1.07	0.81	48.2150	21.5121	15.1	4.4	11	0.0f	10	6	165	0.20	1.09	sx	BUD	16000790	BUD			220	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	16000790

Sta	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	0.20	294.1	Pg	07:03:02.022	0.7					T__		634.0			ML	1.7	5469913	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.20	294.1	Lg	07:03:05.301	0.0					T__						5469916	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HUO2A	0.67	262.4	Pg	07:03:11.011	0.2					T__		44.5			ML	1.5	5469917	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HUO2A	0.67	262.4	Lg	07:03:21.259	-0.1					T__						5469918	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
TRPA	0.69	96.6	Pg	07:03:10.584	0.1					T__		16.4			ML	1.1	5469914	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.69	96.6	Lg	07:03:22.422	0.1					T__						5469915	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
JOS	0.71	293.8	Lg	07:03:20.029	-1.7					T__						5469919	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.74	291.8	Pg	07:03:11.543	-0.1					T__		102.0			ML	1.9	5469911	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.74	291.8	Lg	07:03:21.642	-1.1					T__						5469912	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
STZU	1.09	42.2	Pn	07:03:18.407	-0.2					T__						5469920	FDSN	UA	--	BUD	iLoc	MHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/04/23	08:49:35.19	1.55	0.40	48.5422	20.7791	11.6	3.9	10	0.0f	10	5	234	0.17	0.86	sx	BUD	16000794	BUD			308	

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.0	5 BUD	16000794

Sta	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	253.8	Pg	08:49:38.515	-0.2					T__		213.5			ML	1.1	5470546	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	253.8	Lg	08:49:42.232	0.7					T__						5470547	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.20	253.3	Pg	08:49:39.131	-0.4					T__		853.8			ML	1.8	5470540	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	253.3	Lg	08:49:43.123	0.3					T__						5470541	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ABAH	0.39	128.6	Pg	08:49:43.371	0.1					T__		52.7			ML	1.1	5470542	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

ABAH	0.39	128.6	Lg	08:49:49.825	-0.4	T__								5470545	FDSN	HU	--	BUD	iLoc	HHE	???	_		
	(Reading ML: 1.1 magdef=1)																							
	(Station ML: 1.1 magdef=1)																							
HU02A	0.45	202.1	Pg	08:49:44.520	-0.3	T__	26.2							ML	1.0	5470548	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	202.1	Lg	08:49:52.309	0.1	T__										5470549	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
	(Reading ML: 1.0 magdef=1)																							
	(Station ML: 1.0 magdef=0)																							
PSZ	0.86	223.8	Pn	08:49:53.708	0.1	T__	41.7							ML	1.6	5470543	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	223.8	Lg	08:50:06.668	0.4	T__										5470544	FDSN	GE	--	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
2020/04/23	23:18:26.99	0.75	1.10	48.7613	21.9003	6.5	5.1	173	5.0f		109	77	64	0.29	5.46	ke	BUD	16000796	BUD			94

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.1	68 BUD	16000796

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
UZH	0.29	116.5	Pg	23:18:32.591	-0.2					T__						5472420	FDSN	UA	--	BUD	iLoc	BHZ	???	_		
UZH	0.29	116.5	Lg	23:18:37.442	-0.3					T__						5472421	FDSN	UA	--	BUD	iLoc	BHN	???	_		
STZU	0.54	61.6	Pg	23:18:37.421	0.1					T__						5472422	FDSN	UA	--	BUD	iLoc	MHZ	???	_		
ABAH	0.64	223.6	Pg	23:18:39.958	0.4					T__	5536.7				_c	ML	3.6	5472356	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.64	223.6	Lg	23:18:47.460	-2.4					T__						5472376	FDSN	HU	--	BUD	iLoc	HHE	???	_		
	(Reading ML: 3.6 magdef=1)																									
	(Station ML: 3.6 magdef=1)																									
TRPA	0.76	145.8	Pg	23:18:41.799	0.1					T__	3027.3				_	ML	3.4	5472383	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
	(Reading ML: 3.4 magdef=1)																									
TRPA	0.76	145.8	Lg	23:18:53.469	-0.3					T__						5472357	FDSN	HU	--	BUD	iLoc	BHE	???	_		
	(Station ML: 3.4 magdef=0)																									
HU07A	0.78	179.3	Pn	23:18:43.187	-0.2					T__	5773.1				_	ML	3.7	5472424	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.78	179.3	Sn	23:18:56.203	-0.8					T__						5472423	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
	(Reading ML: 3.7 magdef=1)																									
	(Station ML: 3.7 magdef=1)																									
STHS	0.79	326.9	Pg	23:18:41.453	-0.1					T__	6934.9				_	ML	3.8	5472382	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	0.79	326.9	Lg	23:18:54.205	1.0					T__						5472406	FDSN	SK	--	BUD	iLoc	EHN	???	_		
	(Reading ML: 3.8 magdef=1)																									
	(Station ML: 3.8 magdef=1)																									
JOS	0.94	254.1	Pg	23:18:44.702	-0.8					T__	5960.1				_	ML	3.8	5472425	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.94	254.1	Sn	23:19:00.430	-0.3					T__						5472426	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
	(Reading ML: 3.8 magdef=1)																									
	(Station ML: 3.8 magdef=1)																									
KECS	0.98	254.0	Pn	23:18:45.535	-0.7					T__	13162.0				_	ML	4.2	5472384	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
	(Reading ML: 4.2 magdef=1)																									
	(Station ML: 4.2 magdef=0)																									
KWP	1.02	31.0	Pn	23:18:47.373	-0.1					T__	44583.8				_	ML	4.7	5472385	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
KWP	1.02	31.0	Lg	23:19:00.370	-0.6					T__						5472407	FDSN	PL	--	BUD	iLoc	BHN	???	_		
	(Reading ML: 4.7 magdef=1)																									
	(Station ML: 4.7 magdef=0)																									
SHIU	1.07	63.8	Pg	23:18:47.819	0.3					T__						5472427	FDSN	UA	--	BUD	iLoc	MHZ	???	_		
MEZ	1.10	102.4	Pg	23:18:48.164	-0.1					T__						5472429	FDSN	UA	--	BUD	iLoc	BHZ	???	_		
HU02A	1.12	235.6	Pn	23:18:47.865	-0.4					T__	2599.5				_	ML	3.5	5472428	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=0 NIE 1.24 302.6 Pn 23:18:49.628 -0.6	T__	549.3	___ ML	2.9 5472386	FDSN PL	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0 MORS 1.37 73.4 Pg 23:18:53.004 -0.2	T__		---	5472430	FDSN UA	-- BUD	iLoc	MHZ ???	_
LTVH 1.38 180.0 Pn 23:18:52.187 0.5	T__	2757.8	___ ML	3.7 5472387	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.7 magdef=1 LTVH 1.38 180.0 Lg 23:19:12.752 -0.6	T__		---	5472358	FDSN HU	-- BUD	iLoc	HHE ???	_
LTVH 1.38 180.0 Lg 23:19:14.024 0.7	T__		---	5472408	FDSN HU	-- BUD	iLoc	HHE ???	_
(Station ML: 3.7 magdef=1 BMR 1.52 135.0 Pn 23:18:53.564 -0.6	T__	7525.4	___ ML	4.2 5472388	FDSN RO	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 4.2 magdef=1 BMR 1.52 135.0 Sn 23:19:16.022 0.4	T__		---	5472359	FDSN RO	-- BUD	iLoc	BHE ???	_
(Station ML: 4.2 magdef=0 HU23A 1.58 225.1 Pn 23:18:54.817 0.4	T__	1932.6	___ ML	3.7 5472431	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1 PSZ 1.58 238.5 Pn 23:18:54.604 -0.3	T__	1501.7	___ ML	3.6 5472360	FDSN GE	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1 LANS 1.65 284.6 Pn 23:18:56.574 0.6	T__	2063.9	___ ML	3.7 5472389	FDSN SK	-- BUD	iLoc	EHZ EHZ	_
(Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1 HU03A 1.76 241.7 Pn 23:18:57.065 -0.0	T__	1818.9	___ ML	3.7 5472432	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
HU03A 1.76 241.7 Pg 23:19:01.393 0.0	T__		---	5472433	FDSN ZJ	00 BUD	iLoc	HHZ ???	_
(Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1 BSZH 1.83 217.5 Pn 23:18:57.808 -0.1	T__	541.1	___ ML	3.2 5472390	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=0 HU24A 1.92 195.4 Pn 23:18:59.783 0.6	T__	2093.1	___ ML	3.9 5472434	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=1 OJC 2.00 317.6 Pn 23:19:00.273 -0.8	T__	459.2	___ ML	3.3 5472391	FDSN PL	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=0 DRGR 2.05 164.2 Pn 23:19:01.276 -0.1	T__	1543.0	___ ML	3.8 5472361	FDSN RO	-- BUD	iLoc	BHZ BHZ	_
DRGR 2.05 164.2 Sn 23:19:27.894 -0.1	T__		---	5472377	FDSN RO	-- BUD	iLoc	BHN ???	_
(Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=1 HU01A 2.09 228.0 Pg 23:19:07.211 -1.1	T__	1522.3	___ ML	3.8 5472435	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=1 HU10A 2.13 245.6 Pn 23:19:02.392 0.1	T__	1133.3	___ ML	3.7 5472436	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1 HU06A 2.24 204.2 Pg 23:19:10.908 0.1	T__	1316.0	___ ML	3.9 5472464	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
HU06A 2.24 204.2 Lg 23:19:44.311 3.5	T__		---	5472465	FDSN ZJ	00 BUD	iLoc	HHN ???	_
(Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=1 A332A 2.27 272.4 Pn 23:19:04.314 -0.3	T__	678.8	___ ML	3.6 5472437	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.6 magdef=1									

(Station ML: 3.6 magdef=1 BUD 2.31 237.5 Pn 23:19:03.788 -1.0 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=0	T__	497.2	___ ML	3.5 5472392	FDSN HU	-- BUD	iLoc	BHZ BHZ	_
CJR 2.35 150.2 Pn 23:19:06.052 0.3 (Reading ML: 4.2 magdef=1	T__	2542.6	___ ML	4.2 5472393	FDSN RO	-- BUD	iLoc	BHZ BHZ	_
CJR 2.35 150.2 Sn 23:19:36.501 0.9	T__			5472378	FDSN RO	-- BUD	iLoc	BHE ???	_
CJR 2.35 150.2 Lg 23:19:45.599 1.9 (Station ML: 4.2 magdef=0	T__			5472409	FDSN RO	-- BUD	iLoc	BHN ???	_
A335A 2.39 263.8 Pn 23:19:05.744 -0.4 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1	T__	792.5	___ ML	3.7 5472438	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
BURAR 2.50 116.1 Pn 23:19:08.482 0.1	T__			5472362	FDSN RO	-- BUD	iLoc	BHZ ???	_
BURAR 2.50 116.1 Sn 23:19:39.304 -1.2	T__			5472379	FDSN RO	-- BUD	iLoc	BHE ???	_
BURAR 2.50 116.1 Lg 23:19:49.168 0.9	T__			5472410	FDSN RO	-- BUD	iLoc	BHN ???	_
SR0 2.58 249.7 Pn 23:19:08.651 0.1 (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=0	T__	1843.5	___ ML	4.2 5472394	FDSN SK	-- BUD	iLoc	EHZ EHZ	_
HU09A 2.61 245.8 Pn 23:19:09.289 0.3 (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1	T__	467.1	___ ML	3.6 5472439	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
OKC 2.68 295.1 Pn 23:19:10.350 0.1 (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=0	T__	188.4	___ ML	3.3 5472363	FDSN CZ	-- BUD	iLoc	BHZ BHZ	_
JAVC 2.80 273.6 Pn 23:19:12.029 -0.2 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1	T__	413.3	___ ML	3.7 5472395	FDSN CZ	-- BUD	iLoc	BHZ BHZ	_
MSW1 2.80 242.1 Pn 23:19:11.745 0.1	T__	373.2	___ ML	3.6 5472441	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
MSW1 2.80 242.1 Pg 23:19:22.168 0.9 (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1	T__			5472442	FDSN HU	-- BUD	iLoc	HHZ ???	_
A334A 2.80 268.4 Pn 23:19:11.358 -0.6 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=0	T__	253.6	___ ML	3.5 5472440	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
CSKK 2.81 241.5 Pg 23:19:21.229 -0.2 (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1	T__	317.9	___ ML	3.6 5472443	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
A272A 2.83 225.6 Pg 23:19:24.150 1.9 (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=1	T__	766.0	___ ML	4.0 5472444	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
HU21A 2.84 212.0 Pg 23:19:23.606 1.3 (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=1	T__	687.0	___ ML	3.9 5472445	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
MSW2 2.87 240.9 Pn 23:19:12.995 0.4	T__	397.7	___ ML	3.7 5472446	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
MSW2 2.87 240.9 Pg 23:19:21.764 -0.8 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1	T__			5472447	FDSN HU	-- BUD	iLoc	HHZ ???	_
MSW3 2.88 242.8 Pn 23:19:12.895 0.2	T__	493.0	___ ML	3.8 5472449	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
MSW3 2.88 242.8 Pg 23:19:21.013 -1.7 (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=1	T__			5472448	FDSN HU	-- BUD	iLoc	HHZ ???	_
DEV 2.96 166.3 Pn 23:19:14.954 0.8 (Reading ML: 4.2 magdef=1	T__	1043.3	___ ML	4.2 5472364	FDSN RO	-- BUD	iLoc	BHZ BHZ	_

(Station ML: 4.2 magdef=0 MORC 3.03 291.2 Pn 23:19:14.820 -0.5 (Reading ML: 3.7 magdef=1	T__	352.9	___ ML	3.7 5472365	FDSN CZ	-- BUD	iLoc	BHZ BHZ	_
MORC 3.03 291.2 Pg 23:19:23.715 0.7 MORC 3.03 291.2 Lg 23:20:06.340 4.1 (Station ML: 3.7 magdef=1	T__ T__		---	5472411 5472412	FDSN CZ FDSN CZ	-- BUD -- BUD	iLoc	BHN ??? BHN ???	_
MODS 3.09 264.5 Pn 23:19:15.354 -0.8 MODS 3.09 264.5 Sn 23:19:54.316 -0.0 BZS 3.15 183.6 Pn 23:19:16.422 -0.3 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=1	T__ T__ T__	193.3	___ ML	5472366 5472380 3.5 5472367	FDSN SK FDSN SK FDSN RO	-- BUD -- BUD -- BUD	iLoc	HHZ ??? HHE ??? BHZ BHZ	_
ZST 3.24 261.7 Pn 23:19:17.772 -0.3 (Reading ML: 5.8 magdef=1 (Station ML: 5.8 magdef=0	T__	31273.2	___ ML	5.8 5472450	FDSN SK	-- BUD	iLoc	HHZ HHZ	_
TIH 3.28 236.9 Pn 23:19:18.557 0.4 (Reading ML: 4.4 magdef=1 (Station ML: 4.4 magdef=0	T__	1256.1	___ ML	4.4 5472368	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
MPLH 3.33 243.1 Pn 23:19:19.224 0.2 (Reading ML: 3.8 magdef=1 MPLH 3.33 243.1 Pg 23:19:31.227 -0.1 (Station ML: 3.8 magdef=1	T__ T__	288.0	___ ML	3.8 5472369 5472413	FDSN HU FDSN HU	-- BUD -- BUD	iLoc	BHZ BHZ BHN ???	_
EGYH 3.34 248.0 Pn 23:19:19.590 0.3 (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=1	T__	363.1	___ ML	3.9 5472396	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
MORH 3.37 222.1 Pn 23:19:19.466 0.3 MORH 3.37 222.1 Pg 23:19:32.259 -0.2 (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=0	T__ T__	57.5	___ ML	3.1 5472397 5472414	FDSN HU FDSN HU	-- BUD -- BUD	iLoc	BHZ BHZ BHN ???	_
BANR 3.42 189.1 Lg 23:20:19.035 2.6 GZR 3.42 169.6 Pn 23:19:21.191 0.2 (Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=1	T__ T__	358.1	___ ML	5472415 4.0 5472398	FDSN RO FDSN RO	-- BUD -- BUD	iLoc	BHN ??? BHZ BHZ	_
A001A 3.51 271.5 Pn 23:19:21.462 -0.5 A001A 3.51 271.5 Sn 23:20:05.171 0.0 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1	T__ T__	189.6	___ ML	3.7 5472451 5472452	FDSN Z3 FDSN Z3	00 BUD 00 BUD	iLoc	HHZ HHZ HHZ ???	_
VRAC 3.53 280.9 Pn 23:19:21.405 -0.9 VRAC 3.53 280.9 Pg 23:19:32.096 -1.3 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=0	T__ T__	112.1	___ ML	3.5 5472399 5472453	FDSN CZ FDSN CZ	-- BUD -- BUD	iLoc	BHZ BHZ BHZ ???	_
LOT 3.55 158.2 Pn 23:19:23.094 0.1 (Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=0	T__	637.3	___ ML	4.3 5472370	FDSN RO	-- BUD	iLoc	BHZ BHZ	_
KRUC 3.64 276.8 Pn 23:19:22.627 -1.2 KRUC 3.64 276.8 Sn 23:20:06.860 -1.8 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=0	T__ T__	104.7	___ ML	3.5 5472371 5472381	FDSN CZ FDSN CZ	-- BUD -- BUD	iLoc	BHZ BHZ BHN ???	_
A261A 3.68 242.3 Pg 23:19:39.093 1.4 (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=0	T__	445.0	___ ML	4.2 5472454	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
KOVH 3.72 225.4 Pn 23:19:22.908 -1.2 KOVH 3.72 225.4 Pg 23:19:37.140 -1.9 (Reading ML: 3.8 magdef=1	T__ T__	169.0	___ ML	3.8 5472401 5472416	FDSN HU FDSN HU	-- BUD -- BUD	iLoc	BHZ BHZ BHN ???	_

(Station ML: 3.8 magdef=1 SOP 3.73 255.2 Pn 23:19:23.913 -0.8 (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1	T__	123.0	___ ML	3.6 5472400	FDSN HU	-- BUD	iLoc	BHZ BHZ	_
A005B 3.80 266.3 Pn 23:19:25.966 0.1 A005B 3.80 266.3 Sn 23:20:14.023 2.6 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1	T__ T__	146.6	___ ML ---	3.7 5472455 5472456	FDSN Z3 FDSN Z3	00 BUD 00 BUD	iLoc iLoc	HHZ HHZ HHN ???	_
A006A 3.89 271.9 Pn 23:19:26.288 -0.9 A006A 3.89 271.9 Sn 23:20:11.902 -2.4 (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1	T__ T__	113.4	___ ML ---	3.6 5472457 5472458	FDSN Z3 FDSN Z3	00 BUD 00 BUD	iLoc iLoc	HHZ HHZ HHN ???	_
CONA 4.11 260.6 Pn 23:19:29.404 -1.0 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=0	T__	79.0	___ ML	3.5 5472402	FDSN OE	-- BUD	iLoc	BHZ BHZ	_
BEHE 4.16 238.4 Pg 23:19:45.525 -1.1 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1	T__	120.1	___ ML	3.7 5472417	FDSN HU	-- BUD	iLoc	BHN BHZ	_
A008A 4.17 266.9 Pn 23:19:30.306 -0.7 A008A 4.17 266.9 Sn 23:20:20.743 0.5 (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1	T__ T__	99.2	___ ML ---	3.6 5472459 5472460	FDSN Z3 FDSN Z3	00 BUD 00 BUD	iLoc iLoc	HHZ HHZ HH3 ???	_
KSP 4.19 302.0 Pn 23:19:31.034 -0.4 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1	T__	107.3	___ ML	3.7 5472372	FDSN PL	-- BUD	iLoc	BHZ BHZ	_
TREC 4.25 279.6 Pn 23:19:31.641 -0.8 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=0	T__	69.9	___ ML	3.5 5472403	FDSN CZ	-- BUD	iLoc	BHZ BHZ	_
A010A 4.26 248.8 Sn 23:20:23.946 3.0 A013A 4.38 263.3 Pn 23:19:33.787 -0.2 (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=1	T__ T__	133.9	___ ML ---	5472463 3.8 5472461	FDSN Z3 FDSN Z3	00 BUD 00 BUD	iLoc iLoc	HHN ??? HHZ HHZ	_
KOGS 4.47 240.9 Pg 23:19:54.795 2.8 (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=1	T__	144.2	___ ML	3.9 5472462	FDSN SL	-- BUD	iLoc	BHZ BHZ	_
ARSA 4.54 252.9 Pn 23:19:35.721 -0.3 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=1	T__	63.8	___ ML	3.5 5472404	FDSN OE	-- BUD	iLoc	BHZ BHZ	_
PRU 4.96 287.1 Pn 23:19:40.642 -1.9 (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=1	T__ ---	95.1	___ ML ---	3.8 5472373 5472418	FDSN CZ FDSN CZ	-- BUD -- BUD	iLoc iLoc	BHZ BHZ BHN ???	_
CKRC 5.02 273.5 Pn 23:19:42.083 -1.0 CKRC 5.02 273.5 AMB 23:59:59.000 (Reading ML: 4.0 magdef=1 (Reading mB: 4.0 magdef=1 (Station ML: 4.0 magdef=1 (Station mB: 4.0 magdef=1	T__ ---	155.6 9452.3	___ ML ___ mB	4.0 5472405 4.0 5472405	FDSN CZ FDSN CZ	-- BUD -- BUD	iLoc iLoc	BHZ BHZ BHZ BHZ	_
BBLS 5.19 200.4 Pn 23:19:45.046 -0.1 BBLS 5.19 200.4 AMB 23:59:59.000 (Reading ML: 6.7 magdef=1 (Reading mB: 2.9 magdef=1 (Station ML: 6.7 magdef=0	T__ ---	69111.8 568.3	___ ML ___ mB	6.7 5472374 2.9 5472374	FDSN SJ FDSN SJ	-- BUD -- BUD	iLoc iLoc	BHZ BHZ BHZ BHZ	_

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(Station mB: 2.9 magdef=1
CRES 5.28 238.6 Pg 23:20:08.169 2.1 T__ 47406.2 0.82 ___ ML 6.6 5472419 FDSN SL -- BUD iLoc BHE BHZ _
CRES 5.28 238.6 Pg 23:59:59.000 999 --- 332.3 ___ ML 4.4 5472419 FDSN SL -- BUD iLoc BHE BHZ _
(Reading ML: 6.6 magdef=1
(Station ML: 6.6 magdef=0
OBKA 5.46 248.4 Pn 23:19:49.183 0.1 T__ 7378.2 0.75 ___ ML 5.8 5472375 FDSN OE -- BUD iLoc BHZ BHZ _
OBKA 5.46 248.4 AMB 23:59:59.000 --- 65.3 ___ mB 2.0 5472375 FDSN OE -- BUD iLoc BHZ BHZ _
(Reading ML: 5.8 magdef=1
(Reading mB: 2.0 magdef=1
(Station ML: 5.8 magdef=0
(Station mB: 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
2020/04/24 08:07:04.58 1.30 0.52 48.5965 20.8680 9.3 4.8 20 4.8 14.4 9 5 198 0.24 1.08 sx BUD 16000798 BUD 282

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 5 BUD 16000798

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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 0.24 245.3 Pg 08:07:09.611 0.1 T__ 205.4 ___ ML 1.3 5472848 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.24 245.3 Lg 08:07:13.589 0.2 T__ ___ 5472849 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.28 246.1 Pg 08:07:10.132 -0.2 T__ 553.3 ___ ML 1.8 5472841 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.28 246.1 Lg 08:07:14.481 -0.2 T__ ___ 5472842 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
ABAH 0.39 140.4 Pg 08:07:12.360 -0.0 T__ 70.8 ___ ML 1.2 5472843 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
PSZ 0.94 224.2 Pn 08:07:24.561 1.1 T__ 50.0 ___ ML 1.7 5472844 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.94 224.2 Lg 08:07:37.495 -0.2 T__ ___ 5472845 FDSN GE -- BUD iLoc BHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LANS 1.08 301.5 Pg 08:07:25.827 -0.0 T__ 35.2 ___ ML 1.6 5472846 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 1.08 301.5 Lg 08:07:40.060 -0.1 T__ ___ 5472847 FDSN SK -- BUD iLoc EHN ??? _
(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
2020/04/24 09:05:05.39 0.27 0.96 48.2257 21.2816 5.0 3.0 16 0.0 0.0 16 0 106 0.08 1.73 kx BUD 16000800 BUD
2020/04/24 09:05:04.44 0.89 0.66 48.2470 21.2460f 0.0f 16 9 105 0.05 1.76 kx BUD_GT 16000801 BUD 153
(locality : Tálya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 2.0 0.1 8 BUD 16000801

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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

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ABAH	0.05	355.1	Pg	09:05:06.064	0.0	T__	27522.0	___	ML	2.9	5473045	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
HU02A	0.50	255.8	Pg	09:05:14.448	-0.6	T__	171.8	___	ML	1.9	5473050	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:05:22.528	-0.6	T__		___			5473051	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
JOS	0.53	298.1	Pg	09:05:15.500	0.3	T__	131.6	___	ML	1.9	5473052	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:05:23.292	-0.0	T__		___			5473053	FDSN	ZJ	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KECS	0.56	295.3	Pg	09:05:15.975	0.3	T__	272.3	___	ML	2.2	5473039	FDSN	SK	--	iLoc	BUD	EHE	EHZ	_
KECS	0.56	295.3	Lg	09:05:24.302	0.0	T__		___			5473040	FDSN	SK	--	iLoc	BUD	EHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
TRPA	0.87	97.2	Pg	09:05:21.621	0.2	T__	45.7	___	ML	1.6	5473041	FDSN	HU	--	iLoc	BUD	BHZ	BHZ	_
TRPA	0.87	97.2	Lg	09:05:34.889	-1.0	T__		___			5473042	FDSN	HU	--	iLoc	BUD	BHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
PSZ	0.96	250.6	Pn	09:05:25.015	0.8	T__	95.0	___	ML	2.0	5473043	FDSN	GE	--	iLoc	BUD	BHZ	BHZ	_
PSZ	0.96	250.6	Lg	09:05:38.554	-0.6	T__		___			5473044	FDSN	GE	--	iLoc	BUD	BHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
STZU	1.19	49.4	Pg	09:05:27.866	0.7	T__		___			5473054	FDSN	UA	--	iLoc	BUD	MHZ	???	_
NIE	1.33	332.3	Pn	09:05:29.951	0.5	T__	33.6	___	ML	1.8	5473046	FDSN	PL	--	iLoc	BUD	BHZ	BHZ	_
NIE	1.33	332.3	Lg	09:05:49.173	0.1	T__		___			5473047	FDSN	PL	--	iLoc	BUD	BHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
DRGR	1.76	145.2	Pn	09:05:35.334	-0.1	T__	39.1	___	ML	2.1	5473048	FDSN	RO	--	iLoc	BUD	BHZ	BHZ	_
DRGR	1.76	145.2	Sn	09:05:57.821	-1.7	T__		___			5473049	FDSN	RO	--	iLoc	BUD	BHN	???	_
(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
2020/04/25	00:08:30.20	1.06	1.31	46.6601	22.1214	5.6	4.7	54	2.4	11.7	25	14	74	0.43	2.32	ke	BUD	16000804	BUD		113	

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	12 BUD	16000804

Sta	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	0.43	71.8	Pg	00:08:39.255	0.4					T__	107.2			___	ML	1.5	5477223	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.43	71.8	Lg	00:08:44.773	-1.1					T__				___		5477222	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU24A	0.71	291.0	Pg	00:08:45.109	0.3					T__	201.0			___	ML	2.2	5477242	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.71	291.0	Lg	00:08:56.232	0.8					T__				___		5477243	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
LTVH	0.74	348.3	Pg	00:08:44.874	-0.3					T__	262.1			___	ML	2.3	5477224	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
LTVH	0.74	348.3	Lg	00:08:55.108	-1.3					T__				___		5477225	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									

DEV	0.95	144.8	Pg	00:08:48.787	0.6	T__	97.2	---	ML	2.0	5477226	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	0.95	144.8	Lg	00:09:01.228	-0.4	T__		---			5477227	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
CJR	1.02	86.5	Pg	00:08:50.392	0.3	T__	151.8	---	ML	2.2	5477230	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	1.02	86.5	Lg	00:09:03.435	-1.5	T__		---			5477231	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
HU06A	1.07	273.4	Pn	00:08:51.095	0.4	T__	87.5	---	ML	2.0	5477245	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU06A	1.07	273.4	Lg	00:09:06.024	-0.6	T__		---			5477246	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
BZS	1.10	198.8	Pg	00:08:51.094	-0.4	T__	34.3	---	ML	1.6	5477229	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	1.10	198.8	Lg	00:09:05.041	-1.6	T__		---			5477228	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
GZR	1.35	159.9	Pn	00:08:56.011	0.7	T__	44.1	---	ML	1.9	5477233	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.35	159.9	Lg	00:09:13.870	-0.6	T__		---			5477232	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
BMR	1.38	42.3	Pg	00:08:57.215	0.3	T__	105.8	---	ML	2.3	5477234	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BMR	1.38	42.3	Sn	00:09:15.476	0.2	T__		---			5477237	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
TRPA	1.50	10.8	Pn	00:08:58.720	1.8	T__	18.1	---	ML	1.6	5477235	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	1.50	10.8	Sn	00:09:19.037	1.2	T__		---			5477238	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
LOT	1.67	136.0	Pn	00:09:00.526	0.4	T__	52.6	---	ML	2.1	5477236	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
LOT	1.67	136.0	Sn	00:09:23.101	0.5	T__		---			5477239	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
ABAH	1.74	340.3	Pg	00:09:03.736	-0.5	T__	59.0	---	ML	2.2	5477240	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
PSZ	1.97	310.5	Sn	00:09:33.243	4.3	T__		---			5477244	FDSN	GE	--	BUD	iLoc	HHN	???	_
BURAR	2.32	64.6	Pn	00:09:10.258	1.0	T__		---			5477241	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
2020/04/25	00:15:35.52	1.05	0.97	46.6784	22.1565	7.0	4.7	46	7.6	11.4	18	11	72	0.40	1.98	ke	BUD	16000806	BUD		111	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	8 BUD	16000806

Sta	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	0.40	73.3	Pg	00:15:44.109	0.4					T__		48.3		---	ML	1.1	5477373	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.40	73.3	Lg	00:15:49.809	-0.6					T__				---		5477374	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU24A	0.72	289.0	Pg	00:15:50.515	0.0					T__	95.4			---	ML	1.9	5477388	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.72	289.0	Lg	00:16:01.409	0.9					T__				---		5477389	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									

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(Station ML: 1.9 magdef=1
LTVH 0.73 346.2 Pg 00:15:50.165 -0.1 T__ 79.8 --- ML 1.8 5477382 FDSN HU -- BUD iLoc HHZ HHZ _
LTVH 0.73 346.2 Lg 00:16:00.496 -0.2 T__ --- 5477381 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
DEV 0.95 146.7 Pg 00:15:54.033 0.4 T__ 51.2 --- ML 1.7 5477383 FDSN RO -- BUD iLoc BHZ BHZ _
DEV 0.95 146.7 Lg 00:16:06.653 0.2 T__ --- 5477375 FDSN RO -- BUD iLoc BHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CJR 0.99 87.5 Pg 00:15:54.847 -0.1 T__ 62.8 --- ML 1.8 5477376 FDSN RO -- BUD iLoc BHZ BHZ _
CJR 0.99 87.5 Lg 00:16:08.944 0.2 T__ --- 5477384 FDSN RO -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU06A 1.09 272.4 Sn 00:16:11.503 0.1 T__ --- 5477390 FDSN ZJ 00 BUD iLoc HHN ??? _
BZS 1.13 199.7 Pn 00:15:56.221 -0.3 T__ 23.3 --- ML 1.5 5477377 FDSN RO -- BUD iLoc BHZ BHZ _
BZS 1.13 199.7 Lg 00:16:10.470 -1.5 T__ --- 5477378 FDSN RO -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
BMR 1.35 42.1 Sn 00:16:20.699 2.0 T__ --- 5477380 FDSN RO -- BUD iLoc BHN ??? _
GZR 1.36 161.2 Pg 00:16:01.361 -0.1 T__ 32.2 --- ML 1.8 5477385 FDSN RO -- BUD iLoc BHZ BHZ _
GZR 1.36 161.2 Sn 00:16:19.020 0.3 T__ --- 5477379 FDSN RO -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 1.73 339.3 Pg 00:16:08.643 -0.5 T__ 42.7 --- ML 2.1 5477386 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
PSZ 1.98 309.7 Sn 00:16:35.412 2.2 T__ --- 5477387 FDSN GE -- 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
2020/04/25 00:16:36.30 1.40 0.76 46.6125 22.1661 12.8 6.3 138 2.4 16.7 9 6 106 0.42 1.40 ke BUD 16000808 BUD 198

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Magnitude Err Nsta Author OrigID
ML 1.5 0.2 4 BUD 16000808

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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 0.42 64.3 Pg 00:16:45.211 0.4 T__ 34.2 --- ML 1.0 5477447 FDSN RO -- BUD iLoc BHZ BHZ _
DRGR 0.42 64.3 Lg 00:16:50.147 -1.5 T__ --- 5477448 FDSN RO -- BUD iLoc BHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU24A 0.75 293.6 Lg 00:17:02.451 -0.5 T__ --- 5477455 FDSN ZJ 00 BUD iLoc HHN ??? _
DEV 0.89 144.7 Pn 00:16:54.982 0.3 T__ 49.9 --- ML 1.7 5477449 FDSN RO -- BUD iLoc BHZ BHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CJR 0.99 83.6 Pg 00:16:55.898 0.2 T__ 38.4 --- ML 1.6 5477450 FDSN RO -- BUD iLoc BHZ BHZ _
CJR 0.99 83.6 Lg 00:17:09.893 -0.3 T__ --- 5477451 FDSN RO -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
BZS 1.07 201.2 Pg 00:16:56.966 0.0 T__ 21.5 --- ML 1.4 5477453 FDSN RO -- BUD iLoc BHZ BHZ _
BZS 1.07 201.2 Lg 00:17:11.623 -0.1 T__ --- 5477452 FDSN RO -- BUD iLoc BHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
BMR 1.40 40.1 Sn 00:17:22.055 0.3 T__ --- 5477454 FDSN RO -- 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
2020/04/25	22:37:45.62	0.90	0.70	47.2782	21.5362	10.7	4.5	135	11.3	15.0	19	12	94	0.27	1.45	ke	BUD	16000810	BUD		151	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	9 BUD	16000810

Sta	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	0.27	66.6	Pg	22:37:51.484	-0.1					T__		563.4		___	ML	1.8	5478582	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
LTVH	0.27	66.6	Lg	22:37:56.525	0.3					T__				---		5478599	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
HU24A	0.45	215.1	Pg	22:37:54.766	-0.5					T__		152.2		___	ML	1.7	5478590	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.45	215.1	Lg	22:38:02.929	1.0					T__				---		5478591	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
HU07A	0.75	19.8	Pg	22:37:59.892	-0.5					T__		214.2		___	ML	2.2	5478592	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=0)																					
BSZH	0.86	271.9	Lg	22:38:16.004	0.4					T__				---		5478588	FDSN	HU	--	BUD	iLoc	HHN	???	_	
DRGR	0.94	120.8	Pn	22:38:03.126	-0.3					T__		36.5		---	ML	1.6	5478584	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.94	120.8	Lg	22:38:17.063	-0.1					T__				---		5478585	FDSN	RO	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=0)																					
ABAH	1.04	349.0	Pn	22:38:04.547	0.1					T__		40.6		___	ML	1.7	5478581	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.04	349.0	Sn	22:38:18.751	-0.6					T__				---		5478586	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
HU02A	1.09	321.4	Pn	22:38:04.966	-0.4					T__		32.7		___	ML	1.6	5478594	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.09	321.4	Sn	22:38:19.464	-1.3					T__				---		5478595	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
TRPA	1.09	38.1	Sn	22:38:20.523	-0.5					T__				---		5478593	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.28	300.6	Pn	22:38:08.237	0.0					T__		33.2		---	ML	1.7	5478583	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.28	300.6	Sn	22:38:26.008	0.4					T__				---		5478587	FDSN	GE	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
JOS	1.39	331.5	Pn	22:38:10.427	1.0					T__		32.1		___	ML	1.8	5478596	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.39	331.5	Sn	22:38:28.418	0.7					T__				---		5478597	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
KECS	1.40	330.0	Sn	22:38:28.116	0.2					T__				---		5478589	FDSN	SK	--	BUD	iLoc	EHE	???	_	
HU03A	1.45	296.2	Pn	22:38:11.506	1.2					T__		48.8		---	ML	2.0	5478598	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
2020/04/25	23:28:42.89	0.80	1.13	46.6674	22.1118	5.0	3.6	49	10.5	10.6	59	31	62	0.43	2.74	ke	BUD	16000812	BUD		87	

Magnitude	Err	Nsta	Author	OrigID

ML 2.3 0.2 20 BUD 16000812

Sta	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	0.43	73.0	Pg	23:28:51.575	-0.2					T__		354.2		___	ML	2.0 5478972	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
(Reading ML: 2.0 magdef=1)																									
DRGR	0.43	73.0	Lg	23:28:57.702	-0.8					T__				_c_		09889509	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML: 2.0 magdef=1)																									
BORR	0.48	332.2	Pg	23:28:53.238	0.4					T__				_c_		09889510	FDSN	IR	--	ISC	iLoc	???	???	_	
BORR	0.48	332.2	Sn	23:29:00.993	-2.7					T__				_c_		09889511	FDSN	IR	--	ISC	iLoc	???	???	_	
MARR	0.69	88.9	Pg	23:28:56.685	-0.2					T__		0.2		_d_	ML	-0.8 09892928	FDSN	IR	--	ISC	iLoc	???	???	_	
MARR	0.69	88.9	Lg	23:29:05.522	-1.3					T__		0.2		_c_	ML	-0.8 09892929	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: -0.8 magdef=1)																									
(Station ML: -0.8 magdef=0)																									
HU24A	0.70	290.7	Pg	23:28:57.931	0.6					T__		423.7		___	ML	2.5 5478984	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU24A	0.70	290.7	Sn	23:29:08.913	0.1					T__				___		5478985	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
LTVH	0.73	348.7	Pg	23:28:57.711	0.0					T__		652.7		___	ML	2.7 5478973	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
LTVH	0.73	348.7	Lg	23:29:06.039	-1.8					T__				___		5478981	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
MESR	0.75	49.6	Lg	23:29:08.229	0.1					T__				_c_		09889518	FDSN	IR	--	ISC	iLoc	???	???	_	
DEV	0.96	144.7	Pn	23:29:01.373	0.1					T__		295.9		___	ML	2.5 5478961	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
(Reading ML: 2.5 magdef=1)																									
DEV	0.96	144.7	Pg	23:29:01.657	0.5					T__		0.3		_c_	ML	-0.5 09892918	FDSN	IR	--	ISC	iLoc	???	???	_	
DEV	0.96	144.7	Sn	23:29:14.333	-0.9					T__		0.3		_c_	ML	-0.5 09892919	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: -0.5 magdef=1)																									
DEV	0.96	144.7	Sn	23:29:14.333	-0.9					T__				___		5478960	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML: 1.0 magdef=0)																									
CJR	1.02	86.9	Pn	23:29:02.785	0.4					T__		386.1		___	ML	2.7 5478962	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
CJR	1.02	86.9	Sn	23:29:16.151	-1.4					T__				___		5478963	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
CEI	1.05	13.0	Pg	23:29:04.015	0.7					T__				_c_		09889516	FDSN	IR	--	ISC	iLoc	???	???	_	
CEI	1.05	13.0	Lg	23:29:18.013	0.3					T__				_c_		09889517	FDSN	IR	--	ISC	iLoc	???	???	_	
HU06A	1.06	273.0	Pg	23:29:03.756	-0.9					T__		129.0		___	ML	2.2 5479000	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU06A	1.06	273.0	Lg	23:29:18.359	0.2					T__				___		5479001	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
BZS	1.11	198.3	Pn	23:29:03.443	0.2					T__		77.0		___	ML	2.0 5478974	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
BZS	1.11	198.3	Sn	23:29:17.793	-1.1					T__				___		5478964	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU07A	1.32	354.2	Pn	23:29:06.492	0.4					T__		413.0		___	ML	2.9 5478986	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=0)																									
GZR	1.36	159.8	Pg	23:29:08.513	-0.2					T__		130.6		___	ML	2.4 5478975	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
GZR	1.36	159.8	Lg	23:29:26.430	0.0					T__				___		5478976	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
BMR	1.38	42.7	Pg	23:29:09.352	-0.2					T__		384.0		___	ML	2.9 5478965	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
BMR	1.38	42.7	Lg	23:29:27.697	-0.3					T__				___		5478977	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.9 magdef=1)																									

(Station ML: 2.9 magdef=0

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes rows for BSZH, TRPA, and T__.

(Reading ML: 2.4 magdef=1

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes rows for TRPA and T__.

(Reading ML: 1.9 magdef=1

(Station ML: 2.2 magdef=1

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes rows for MDB, LOT, and T__.

(Reading ML: 2.7 magdef=1

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes row for LOT.

(Station ML: 2.7 magdef=0

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes row for ABAH.

(Reading ML: 2.3 magdef=1

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes row for ABAH.

(Station ML: 2.3 magdef=1

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes rows for HERR, HU02A, and T__.

(Reading ML: 2.2 magdef=1

(Station ML: 2.2 magdef=1

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes row for TNR.

(Reading ML: -0.5 magdef=1

(Station ML: -0.5 magdef=0

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes row for PSZ.

(Reading ML: 2.4 magdef=1

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes rows for PSZ.

(Station ML: 2.4 magdef=1

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes rows for JOS.

(Reading ML: 2.2 magdef=1

(Station ML: 2.2 magdef=1

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes rows for KECS, SRE, BURAR, DOPR, VOIR, MORH, and T__.

(Reading ML: 1.7 magdef=1

(Station ML: 1.7 magdef=0

Table with columns for station name, coordinates, time, magnitude, station ML, station type, and status. Includes row for MSW2.

(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	
2020/04/27	09:50:07.21	0.24	2.36	46.8694	17.4227	3.1	3.0	106	0.0	0.0	18	0	49	0.21	1.50	kx	BUD	16000814	BUD				
2020/04/27	09:50:05.30	0.81	2.38	46.8548	17.2699f				0.0f		16	12	49	0.13	1.44	kx	BUD_GT	16000815	BUD			93	

(locality : Vársvölgy Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.5	9 BUD	16000815

Sta	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	09:50:07.325	-1.2					T__		10980.6		___	ML	2.7	4998319	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0																									
A263A	0.22	171.8	Pg	09:50:11.955	1.7					T__		6091.8		___	ML	2.7	4998320	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.22	171.8	Lg	09:50:18.372	4.4					T__				---		4998321	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1																									
MPLH	0.37	30.2	Pg	09:50:09.702	-3.5					---		811.1		---	ML	2.2	4998308	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																									
TIH	0.43	83.7	Pg	09:50:13.776	-0.5					T__		1302.6		---	ML	2.6	4998311	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1																									
BEHE	0.51	221.7	Pn	09:50:20.091	0.2					T__		122.1		---	ML	1.8	4998307	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
EGYH	0.56	4.3	Lg	09:50:25.325	-0.5					T__				---		4998312	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW2	0.78	54.8	Pg	09:50:18.883	-2.2					T__		179.1		---	ML	2.2	4998322	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.78	54.8	Lg	09:50:32.873	-1.3					T__				---		4998323	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																									
KOGS	0.81	240.3	Sn	09:50:35.944	-0.1					T__				---		4998315	FDSN	SL	--	BUD	iLoc	BHN	???	_	
CSKK	0.85	52.7	Lg	09:50:34.762	-1.6					T__				---		4998324	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	0.96	142.9	Pg	09:50:23.228	-1.4					T__		62.9		---	ML	1.8	4998309	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.96	142.9	Lg	09:50:38.374	0.1					T__				---		4998313	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
MORH	1.14	123.5	Pn	09:50:25.131	-2.2					T__		18.8		---	ML	1.4	4998310	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.14	123.5	Sn	09:50:38.297	-5.9					---				---		4998314	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																									
ARSA	1.26	289.0	Sn	09:50:52.586	5.8					T__				---		4998316	FDSN	OE	--	BUD	iLoc	BHN	???	_	
CONA	1.44	318.8	Pn	09:50:34.101	2.0					T__		34.1		---	ML	1.8	4998318	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.44	318.8	Lg	09:50:54.646	2.4					T__				---		4998317	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(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
2020/04/27	11:23:14.39	0.88	1.35	46.8724	17.3485	4.4	3.8	98	0.0f	16	10	66	0.16	1.46	sx	BUD	16000816	BUD				114

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	7 BUD	16000816

Sta	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	300.3	Pg	11:23:17.527	-0.7					T__		1645.5		___	ML	2.0	5479992	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.16	300.3	Lg	11:23:22.332	1.1					T__				---		5479993	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
A263A	0.23	185.7	Pg	11:23:19.553	-0.1					T__		687.9		---	ML	1.8	5479994	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MPLH	0.33	23.6	Pg	11:23:20.562	-0.9					T__		89.4		---	ML	1.2	5479983	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.33	23.6	Lg	11:23:26.528	-0.5					T__				---		5479984	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU08A	0.68	34.9	Lg	11:23:41.495	2.0					T__				---		5479995	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
A266A	0.72	118.5	Sn	11:23:42.822	-0.2					T__				---		5479996	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MSW2	0.73	53.6	Pg	11:23:28.780	-0.4					T__		78.4		---	ML	1.8	5479997	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.73	53.6	Lg	11:23:43.657	2.3					T__				---		5479998	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOGS	0.87	241.1	Lg	11:23:43.757	0.9					T__				---		5479987	FDSN	SL	--	BUD	iLoc	BHE	???	_	
KOVH	0.94	146.2	Pg	11:23:32.352	-1.1					T__		28.4		---	ML	1.5	5479985	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.94	146.2	Lg	11:23:45.917	-0.4					T__				---		5479986	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	1.11	125.9	Pn	11:23:35.763	-0.1					T__		10.4		---	ML	1.1	5479989	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.1 magdef=1)																									
MORH	1.11	125.9	Sn	11:23:49.480	-3.0					T__				---		5479988	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML: 1.1 magdef=0)																									
CONA	1.46	316.8	Pn	11:23:41.749	0.3					T__		22.7		---	ML	1.7	5479991	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.46	316.8	Sn	11:24:02.207	0.8					T__				---		5479990	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(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	
2020/04/27	22:07:08.44	0.81	1.38	48.5332	22.4188	5.1	4.7	120	5.5	7.7	115	75	48	0.13	20.83	ke	BUD	16000818	BUD				50

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.2	46 BUD	16000818

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
UZH	0.13	319.6	Pg	22:07:10.731	-0.5					T__				---		5480556	FDSN	UA	--	BUD	iLoc	BHZ	???	_	
UZH	0.13	319.6	Lg	22:07:12.846	-0.9					T__				---		5480557	FDSN	UA	--	BUD	iLoc	BHN	???	_	
TRPA	0.41	168.7	Pg	22:07:17.057	0.5					T__		228.8		---	ML	1.8	5480524	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.41	168.7	Lg	22:07:23.108	-0.4					T__				---		5480525	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
STZU	0.50	15.5	Pg	22:07:17.859	-0.2					T__				---		5480558	FDSN	UA	--	BUD	iLoc	MHZ	???	_	

HU07A	0.65	211.6	Pn	22:07:22.507	-0.5	T__	1226.1	___	ML	2.9	5480559	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
MEZ	0.73	91.1	Pg	22:07:22.669	0.1	T__		---			5480560	FDSN	UA	--	BUD	iLoc	BHZ	???	_
MEZ	0.73	91.1	Lg	22:07:33.404	-0.2	T__		---			5480561	FDSN	UA	--	BUD	iLoc	BHN	???	_
ABAH	0.82	253.6	Pg	22:07:24.622	0.1	T__	2236.0	---	ML	3.3	5480562	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.3 magdef=1)																			
ABAH	0.82	253.6	Sn	22:07:38.620	-0.7	T__		---			5480526	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Station ML: 3.3 magdef=0)																			
CEI	0.85	178.2	Pn	22:07:26.137	0.3	T__		_c_			09889991	FDSN	IR	--	ISC	iLoc	???	???	_
CEI	0.85	178.2	Sn	22:07:39.523	-0.7	T__		_c_			09889992	FDSN	IR	--	ISC	iLoc	???	???	_
SHIU	0.93	41.7	Pg	22:07:27.303	1.0	T__		---			5480563	FDSN	UA	--	BUD	iLoc	MHZ	???	_
KWP	1.12	9.7	Pg	22:07:30.111	0.7	T__	3042.1	---	ML	3.6	5480530	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
KWP	1.12	9.7	Lg	22:07:45.869	0.4	T__		---			5480529	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=0)																			
BMR	1.12	139.6	Pn	22:07:29.559	-0.4	T__	1615.6	---	ML	3.3	5480527	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BMR	1.12	139.6	Lg	22:07:46.237	-0.3	T__		---			5480528	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=0)																			
MORS	1.14	57.8	Pg	22:07:30.333	-0.1	T__		---			5480564	FDSN	UA	--	BUD	iLoc	MHZ	???	_
STHS	1.18	319.2	Pg	22:07:30.511	0.3	T__	922.6	---	ML	3.1	5480531	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	1.18	319.2	Sn	22:07:48.510	-0.2	T__		---			5480532	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=1)																			
LTVH	1.20	197.1	Pg	22:07:31.801	0.1	T__	656.7	---	ML	3.0	5480533	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
JOS	1.25	269.0	Pn	22:07:31.551	0.1	T__	304.9	---	ML	2.7	5480565	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
KECS	1.29	268.5	Pn	22:07:31.832	-0.1	T__	849.4	---	ML	3.1	5480534	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=1)																			
HU02A	1.33	252.7	Pn	22:07:32.547	-0.1	T__	400.4	---	ML	2.8	5480566	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.33	252.7	Lg	22:07:52.838	-0.7	T__		---			5480567	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
MESR	1.43	165.3	Pg	22:07:35.323	-0.5	T__		_d_			09889998	FDSN	IR	--	ISC	iLoc	???	???	_
MESR	1.43	165.3	Lg	22:07:57.313	1.2	T__		_d_			09889999	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	1.65	303.2	Pn	22:07:38.005	0.6	T__	95.3	---	ML	2.4	5480535	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.4 magdef=1)																			
NIE	1.65	303.2	Lg	22:08:03.120	1.4	T__		__e			09895018	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML: 2.4 magdef=0)																			
HU23A	1.71	239.2	Pg	22:07:42.168	0.4	T__	247.4	---	ML	2.8	5480568	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
DRGR	1.75	173.4	Pn	22:07:39.173	0.4	T__	130.0	---	ML	2.6	5480536	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.6 magdef=1)																			
DRGR	1.75	173.4	Lg	22:08:04.174	-2.3	T__		_d_			09890001	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML: 2.6 magdef=1)																			
PSZ	1.80	250.9	Pn	22:07:39.326	0.0	T__	251.7	---	ML	2.9	5480537	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.9 magdef=1)																			

(Station ML: 2.9 magdef=1																			
BSZH	1.90	230.3	Pg	22:07:46.436	0.6	T__	336.9	___	ML	3.1	5480569	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	1.90	230.3	Lg	22:08:13.885	2.1	T__		---			5480570	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 3.1 magdef=1																			
(Station ML: 3.1 magdef=1																			
MARR	1.92	165.4	Pn	22:07:41.756	0.5	T__		_c_			09890005	FDSN	IR	--	ISC	iLoc	???	???	_
HU03A	1.99	252.6	Pn	22:07:42.160	0.4	T__	162.3	---	ML	2.8	5480571	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1																			
(Station ML: 2.8 magdef=1																			
CJR	1.99	155.9	Pn	22:07:42.889	0.7	T__	363.4	---	ML	3.2	5480538	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.2 magdef=1																			
(Station ML: 3.2 magdef=0																			
LANS	2.04	288.7	Pn	22:07:43.504	0.6	T__	161.1	---	ML	2.8	5480539	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.8 magdef=1																			
(Station ML: 2.8 magdef=1																			
BURAR	2.09	115.1	Pn	22:07:44.458	0.4	T__		---			5480572	FDSN	RO	--	BUD	iLoc	BHZ	???	_
HU10A	2.38	254.4	Pn	22:07:47.677	0.5	T__	150.0	---	ML	3.0	5480573	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1																			
(Station ML: 3.0 magdef=1																			
OJC	2.40	315.6	Pn	22:07:49.278	1.1	T__	101.2	---	ML	2.8	5480540	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.8 magdef=1																			
(Station ML: 2.8 magdef=1																			
A332A	2.64	277.4	Pn	22:07:51.250	0.2	T__		---			5480574	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
DEV	2.67	172.7	Pn	22:07:52.657	1.0	T__	129.0	---	ML	3.1	5480541	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.1 magdef=1																			
(Station ML: 3.1 magdef=1																			
A335A	2.72	269.7	Pn	22:07:52.296	0.1	T__	119.3	---	ML	3.1	5480575	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1																			
(Station ML: 3.1 magdef=1																			
PRAR	2.82	113.2	Pn	22:07:54.049	0.2	T__		_c_			09890009	FDSN	IR	--	ISC	iLoc	???	???	_
A331A	2.84	284.1	Pn	22:07:55.781	1.8	T__	58.5	---	ML	2.8	5480576	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1																			
(Station ML: 2.8 magdef=1																			
BZS	2.97	190.9	Pn	22:07:55.790	0.1	T__	32.3	---	ML	2.7	5480542	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.7 magdef=1																			
(Station ML: 2.7 magdef=1																			
MSW1	3.02	249.3	Pn	22:07:56.935	0.9	T__	157.9	---	ML	3.4	5480577	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1																			
(Station ML: 3.4 magdef=0																			
CSSK	3.03	248.8	Pn	22:07:56.877	0.6	T__	49.9	---	ML	2.9	5480578	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1																			
(Station ML: 2.9 magdef=1																			
MSW2	3.09	248.1	Pn	22:07:58.098	1.1	T__	42.8	---	ML	2.8	5480579	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1																			
(Station ML: 2.8 magdef=1																			
OKC	3.09	296.6	Pn	22:07:57.019	-0.4	T__	26.7	---	ML	2.6	5480543	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.6 magdef=1																			
(Station ML: 2.6 magdef=1																			
MSW3	3.11	249.9	Pn	22:07:58.077	0.8	T__	82.4	---	ML	3.1	5480580	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1																			
(Station ML: 3.1 magdef=1																			
MAUC	3.14	287.1	Pn	22:07:58.600	0.3	T__		_e			44741533	FDSN	IR	--	ISC	iLoc	???	???	_
MAUC	3.14	287.1	Sn	22:08:37.300	-0.1	T__		_e			44741534	FDSN	IR	--	ISC	iLoc	???	???	_

GZR	3.15	175.4	Pn	22:07:59.400	0.7	T__			_d_	09890011	FDSN	IR	--	ISC	iLoc	??? ???	_								
A334A	3.15	273.1	Pn	22:07:58.280	0.0	T__	44.9		___ ML	2.9 5480581	FDSN	Z3	00	BUD	iLoc	HHZ HHZ	_								
	(Reading ML: 2.9 magdef=1)																								
	(Station ML: 2.9 magdef=1)																								
JAVC	3.16	277.7	Pn	22:07:59.046	0.3	T__	54.0		___ ML	3.0 5480545	FDSN	CZ	--	BUD	iLoc	BHZ BHZ	_								
	(Reading ML: 3.0 magdef=1)																								
	(Station ML: 3.0 magdef=1)																								
LOT	3.22	162.8	Pn	22:07:59.906	0.0	T__	81.1		___ ML	3.2 5480544	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_								
	(Reading ML: 3.2 magdef=1)																								
	(Station ML: 3.2 magdef=0)																								
A339A	3.26	259.3	Pn	22:08:00.197	0.6	T__	203.6		___ ML	3.6 5480582	FDSN	Z3	00	BUD	iLoc	HHZ HHZ	_								
	(Reading ML: 3.6 magdef=1)																								
	(Station ML: 3.6 magdef=0)																								
STEB	3.35	296.5	Pn	22:08:01.200	0.1	T__			___ e	44741536	FDSN	IR	--	ISC	iLoc	??? ???	_								
STEB	3.35	296.5	Sn	22:08:38.900	-3.2	T__			___ e	44741537	FDSN	IR	--	ISC	iLoc	??? ???	_								
MODS	3.43	269.2	Pn	22:08:01.933	-0.3	T__			___	5480547	FDSN	SK	--	BUD	iLoc	HHZ ???	_								
MORC	3.43	293.1	Pn	22:08:02.118	-0.2	T__	45.9		___ ML	3.1 5480546	FDSN	CZ	--	BUD	iLoc	BHZ BHZ	_								
	(Reading ML: 3.1 magdef=1)																								
	(Station ML: 3.1 magdef=1)																								
MORH	3.46	229.3	Pn	22:08:02.732	0.9	T__	8.3		___ ML	2.3 5480548	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_								
	(Reading ML: 2.3 magdef=1)																								
	(Station ML: 2.3 magdef=0)																								
ARR	3.51	153.6	Pn	22:08:03.817	-0.1	T__			_c_	09890015	FDSN	IR	--	ISC	iLoc	??? ???	_								
MPLH	3.56	249.3	Pn	22:08:04.145	0.6	T__	42.1		___ ML	3.1 5480549	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_								
	(Reading ML: 3.1 magdef=1)																								
	(Station ML: 3.1 magdef=1)																								
VOIR	3.58	148.9	Pn	22:08:05.271	0.4	T__			_d_	09890016	FDSN	IR	--	ISC	iLoc	??? ???	_								
HERR	3.65	180.0	Pn	22:08:05.936	0.5	T__			_d_	09890017	FDSN	IR	--	ISC	iLoc	??? ???	_								
KOVH	3.82	231.8	Pn	22:08:07.330	0.3	T__	30.7		___ ML	3.0 5480550	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_								
KOVH	3.82	231.8	Pg	22:08:22.319	-0.2	T__			___	5480551	FDSN	HU	--	BUD	iLoc	BHN ???	_								
	(Reading ML: 3.0 magdef=1)																								
	(Station ML: 3.0 magdef=1)																								
MLR	3.88	140.3	Pn	22:08:11.894	2.7	TA_	323.7	0.8	18.80	4.9	TA_	0.4	0.50	___ ML	1.2	09947783	FDSN	IR	--	ISC	iLoc	??? ???	_		
	(Reading ML: 1.2 magdef=1)																								
	(Station ML: 1.2 magdef=0)																								
A261A	3.89	248.0	Pn	22:08:08.415	0.3	T__	61.7		___ ML	3.4 5480583	FDSN	Z3	00	BUD	iLoc	HHZ HHZ	_								
	(Reading ML: 3.4 magdef=1)																								
	(Station ML: 3.4 magdef=0)																								
VRAC	3.92	283.6	Pn	22:08:08.436	-0.6	T__	35.7		___ ML	3.1 5480552	FDSN	CZ	--	BUD	iLoc	BHZ BHZ	_								
VRAC	3.92	283.6	Sn	22:08:55.001	-1.8	T__			___	5480553	FDSN	CZ	--	BUD	iLoc	BHE ???	_								
	(Reading ML: 3.1 magdef=1)																								
	(Station ML: 3.1 magdef=1)																								
SORM	3.98	93.5	Pn	22:08:08.325	-1.3	T__			_d_	09890019	FDSN	IR	--	ISC	iLoc	??? ???	_								
KRLC	4.00	294.8	Pn	22:08:09.500	-0.7	T__			___ e	44741531	FDSN	IR	--	ISC	iLoc	??? ???	_								
KRLC	4.00	294.8	Sn	22:08:56.200	-2.9	T__			___ e	44741532	FDSN	IR	--	ISC	iLoc	??? ???	_								
KRUC	4.02	279.8	Pn	22:08:09.664	-0.8	T__	68.3		___ ML	3.4 5480555	FDSN	CZ	--	BUD	iLoc	BHZ BHZ	_								
KRUC	4.02	279.8	Sn	22:08:57.336	-1.6	T__			___	5480554	FDSN	CZ	--	BUD	iLoc	BHE ???	_								
	(Reading ML: 3.4 magdef=1)																								
	(Station ML: 3.4 magdef=0)																								
RONA	4.19	260.8	Pn	22:08:12.501	-0.1	T__	0.3	0.20	___ e ML	1.1 45528639	FDSN	IR	--	ISC	iLoc	??? ???	_								
RONA	4.19	260.8	Sn	22:09:00.780	-0.3	T__	1.8	0.48	___ i ML	1.9 45528640	FDSN	IR	--	ISC	iLoc	??? ???	_								
	(Reading ML: 1.9 magdef=1)																								
	(Station ML: 1.9 magdef=0)																								

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WINA  4.26 266.6 Pn      22:08:13.200 -0.4      T__      2.2 0.22 __i ML      2.0 45528641  FDSN IR      -- ISC  iLoc  ??? ??? _
WINA  4.26 266.6 Sn      22:09:03.103 -0.0      T__      __e      45528642  FDSN IR      -- ISC  iLoc  ??? ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
DPC   4.37 296.9 Pn      22:08:15.300 -0.2      T__      __e      44741527  FDSN IR      -- ISC  iLoc  ??? ??? _
CONA  4.42 264.6 Pn      22:08:15.935 -0.2      T__      0.9 0.36 __i ML      1.7 45528637  FDSN IR      -- ISC  iLoc  ??? ??? _
CONA  4.42 264.6 Sn      22:09:06.602 -0.8      T__      2.3 0.42 __i ML      2.1 45528638  FDSN IR      -- ISC  iLoc  ??? ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
TREC  4.63 282.1 Sn      22:09:12.200 -2.4      T__      __e      44741538  FDSN IR      -- ISC  iLoc  ??? ??? _
AKASG 4.93 61.3 Pn      22:08:25.574 3.4 250.5 4.0 12.90 -0.2 TA_  1.2 0.33 ___ ML      1.9 09947759  FDSN IR      -- ISC  iLoc  ??? ??? _
AKASG 4.93 61.3 Pg      22:08:35.200 -3.4 249.3 2.8 16.20 -1.9 TA_  1.5 0.33 ___ ML      2.0 09947762  FDSN IR      -- ISC  iLoc  ??? ??? _
AKASG 4.93 61.3 Sn      22:09:23.571 1.5 243.8 -2.7 25.20 1.8 TA_  1.1 0.33 ___ ML      1.9 09947763  FDSN IR      -- ISC  iLoc  ??? ??? _
AKASG 4.93 61.3 AMB     23:59:59.000 ---      0.3 0.38 ___      0.0 09947765  FDSN IR      -- ISC  iLoc  ??? ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
CKRC  5.38 276.1 Pn      22:08:28.600 -0.9      T__      __e      44741525  FDSN IR      -- ISC  iLoc  ??? ??? _
CKRC  5.38 276.1 Sn      22:09:29.900 -1.6      T__      __e      44741526  FDSN IR      -- ISC  iLoc  ??? ??? _
PVCC  5.49 294.3 Pn      22:08:29.800 -1.5      T__      __e      44741535  FDSN IR      -- ISC  iLoc  ??? ??? _
ZVC   5.49 282.6 Pn      22:08:29.900 -1.4      T__      __e      44741539  FDSN IR      -- ISC  iLoc  ??? ??? _
ZVC   5.49 282.6 Sn      22:09:32.800 -2.5      T__      __e      44741540  FDSN IR      -- ISC  iLoc  ??? ??? _
GERES 5.78 276.4 Pn      22:08:34.600 -0.7 86.3 -3.5 14.70 0.2 TA_  0.2 0.33 ___ ML      1.3 09947777  FDSN IR      -- ISC  iLoc  ??? ??? _
GERES 5.78 276.4 Sn      22:09:40.415 -1.5 87.3 -2.5 22.70 -2.6 TA_  0.1 0.33 ___ ML      1.0 09947780  FDSN IR      -- ISC  iLoc  ??? ??? _
GERES 5.78 276.4 AMB     23:59:59.000 ---      2.6 ___ mB      0.6 09947782  FDSN IR      -- ISC  iLoc  ??? ??? _
(Reading ML: 1.3 magdef=1
(Reading mB: 0.6 magdef=1
(Station ML: 1.3 magdef=0
(Station mB: 0.6 magdef=1
KHC   5.87 279.2 Pn      22:08:35.600 -0.9      T__      __e      44741528  FDSN IR      -- ISC  iLoc  ??? ??? _
KHC   5.87 279.2 Sn      22:09:41.700 -2.3      T__      __e      44741529  FDSN IR      -- ISC  iLoc  ??? ??? _
KHC   5.87 279.2      22:09:54.000 ---      __e      44741530  FDSN IR      -- ISC  iLoc  ??? ??? _
NACGM 6.93 21.4 Pn      22:08:53.020 3.7 204.2 -0.6 TA_  __e      18930960  FDSN IR      -- ISC  iLoc  ??? ??? _
NACGM 6.93 21.4 PnPn     22:09:01.610 3.7      T__      __e      18930961  FDSN IR      -- ISC  iLoc  ??? ??? _
NACGM 6.93 21.4 Sn      22:10:17.160 10.4     ---      __e      18930962  FDSN IR      -- ISC  iLoc  ??? ??? _
NACGM 6.93 21.4 SbSb     22:10:29.700 -7.6      T__      __e      18930963  FDSN IR      -- ISC  iLoc  ??? ??? _
NACGM 6.93 21.4 LQ      22:10:53.130 ---      __e      18930964  FDSN IR      -- ISC  iLoc  ??? ??? _
NACGM 6.93 21.4 LR      22:11:21.550 ---      __e      18930965  FDSN IR      -- ISC  iLoc  ??? ??? _
FINES 13.11 7.8 Pn      22:10:11.089 -1.6 169.6 -21.2 11.60 -1.6 TA_  0.1 ___ mB      2.9 09947771  FDSN IR      -- ISC  iLoc  ??? ??? _
FINES 13.11 7.8 Sn      22:12:28.743 -7.1 196.4 5.6 27.50 4.4 A_  0.1 0.33 ___      0.0 09947773  FDSN IR      -- ISC  iLoc  ??? ??? _
FINES 13.11 7.8 AMB     23:59:59.000 ---      0.5 ___ mB      0.6 09947775  FDSN IR      -- ISC  iLoc  ??? ??? _
(Reading mB: 0.6 magdef=1
(Station mB: 0.6 magdef=1
ESDC  20.83 254.7 P      22:11:51.339 0.6 58.1 1.9 12.40 1.6 TA_  0.6 ___ mB      3.6 09947767  FDSN IR      -- ISC  iLoc  ??? ??? _
ESDC  20.83 254.7 AMB     23:59:59.000 ---      0.6 ___ mB      0.6 09947770  FDSN IR      -- ISC  iLoc  ??? ??? _
(Reading mB: 0.6 magdef=1
(Station mB: 0.6 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
2020/04/28 06:16:42.65 1.26 1.68 47.3396 18.2602 8.7 2.4 110 0.0f 11 7 104 0.02 1.26 sx BUD 16000820 BUD 166

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Magnitude Err Nsta Author OrigID
ML 1.3 0.1 4 BUD 16000820

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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	0.02	0.6	Pg	06:16:44.238	0.5					T__		696.4		___	ML	1.2	5481315	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	0.6	Lg	06:16:45.092	-0.1					T__				---		5481318	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MSW2	0.05	221.9	Pg	06:16:44.635	0.3					T__		923.0		___	ML	1.4	5481320	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.05	221.9	Lg	06:16:45.778	-0.4					T__				---		5481316	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW1	0.05	359.1	Pg	06:16:44.746	0.3					T__		784.0		___	ML	1.3	5481313	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.05	359.1	Lg	06:16:45.413	-0.9					T__				---		5481319	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MSW3	0.10	295.6	Pg	06:16:45.869	0.6					T__		127.8		___	ML	0.7	5481317	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.10	295.6	Lg	06:16:47.036	-0.8					T__				---		5481314	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
MORH	1.16	166.7	Sn	06:17:20.787	-1.5					T__				---		5481310	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.25	61.8	Sn	06:17:21.161	-4.2					T__				---		5481311	FDSN	GE	--	BUD	iLoc	HHE	???	_	
KOVH	1.26	185.1	Sn	06:17:24.455	-0.3					T__				---		5481312	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
2020/04/28	08:09:36.66	1.12	0.86	46.2801	21.9123	9.8	5.4	115	0.0f		10	6	123	0.69	1.54	sx	BUD	16000822	BUD		209	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.4	4 BUD	16000822

Sta	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	0.69	197.4	Pg	08:09:50.229	-0.0					T__		37.1		___	ML	1.5	5481375	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.69	197.4	Lg	08:10:00.000	-0.2					T__				---		5481376	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
DRGR	0.75	46.9	Pg	08:09:52.162	0.4					T__		80.5		___	ML	1.8	5481372	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.75	46.9	Lg	08:10:01.730	-2.2					T__				---		5481371	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU24A	0.82	320.8	Lg	08:10:05.731	0.1					T__				---		5481380	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
GZR	1.07	145.4	Pn	08:09:58.269	-0.0					T__		81.5		___	ML	2.0	5481373	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.07	145.4	Lg	08:10:12.213	0.1					T__				---		5481374	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CJR	1.24	69.0	Pn	08:10:00.941	0.4					T__		170.5		___	ML	2.4	5481378	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	1.24	69.0	Lg	08:10:18.447	-0.3					T__				---		5481377	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
LOT	1.54	122.0	Lg	08:10:28.523	0.3					T__				---		5481379	FDSN	RO	--	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
2020/04/28	08:28:58.74	0.99	0.69	45.9574	22.6691	9.0	5.2	100	9.1	16.8	12	6	116	0.18	0.99	ke	BUD	16000824	BUD		189	

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 6 BUD 16000824

Sta	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	114.3	Pg	08:29:02.595	0.1					T__		1298.9		---	ML	1.9 5481444	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	0.18	114.3	Lg	08:29:04.992	-0.3					T__				---		5481445	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
GZR	0.57	172.3	Pg	08:29:10.438	0.6					T__		49.4		---	ML	1.5 5481446	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.57	172.3	Lg	08:29:17.206	-0.8					T__				---		5481447	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
BZS	0.81	245.5	Pg	08:29:14.605	-0.0					T__		27.8		---	ML	1.4 5481443	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.81	245.5	Lg	08:29:25.801	0.2					T__				---		5481442	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=0)																								
DRGR	0.83	2.0	Pg	08:29:15.323	-0.1					T__		106.4		---	ML	2.0 5481448	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.83	2.0	Sn	08:29:28.651	-1.0					T__				---		5481441	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
LOT	0.92	123.1	Pg	08:29:16.544	0.0					T__		74.7		---	ML	1.9 5481449	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
LOT	0.92	123.1	Lg	08:29:29.013	-1.1					T__				---		5481450	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
CJR	0.99	40.1	Pg	08:29:18.834	0.6					T__		250.8		---	ML	2.5 5481451	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	0.99	40.1	Sn	08:29:33.186	-0.3					T__				---		5481452	FDSN	RO	--	BUD	iLoc	BHE	???	_
(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
 2020/04/28 09:34:13.35 1.20 1.49 46.0666 21.8997 10.2 5.3 118 2.0f 7 4 156 0.49 1.32 ke BUD 16000828 BUD 222

Magnitude Err Nsta Author OrigID
 ML 1.3 0.3 3 BUD 16000828

Sta	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	0.49	203.8	Pg	09:34:23.155	0.2					T__		24.5		---	ML	1.1 5481548	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.49	203.8	Lg	09:34:29.555	-0.5					T__				---		5481550	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=1)																								
GZR	0.91	137.3	Pg	09:34:31.591	0.9					T__		18.6		---	ML	1.3 5481551	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.91	137.3	Lg	09:34:42.493	-1.0					T__				---		5481549	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
DRGR	0.92	37.4	Pg	09:34:31.489	-0.0					T__		30.4		---	ML	1.5 5481552	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.92	37.4	Lg	09:34:43.307	-1.5					T__				---		5481547	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
LTVH	1.32	0.0	Lg	09:34:59.455	2.1					T__				---		5481553	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	
2020/04/29	08:28:08.62	1.05	0.51	48.5407	20.8067	6.5	3.7	13	0.0f		14	7	129	0.18	1.23	sx	BUD	16000830	BUD			212	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	7 BUD	16000830

Sta	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	255.9	Pg	08:28:12.235	-0.3					T__		262.2		---	ML	1.2	5482622	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	255.9	Lg	08:28:15.321	-0.2					T__				---		5482623	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
KECS	0.22	255.0	Pg	08:28:12.809	-0.4					T__		717.4		---	ML	1.8	5482612	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.22	255.0	Lg	08:28:17.130	0.3					T__				---		5482613	FDSN	SK	--	BUD	iLoc	EHE	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=0)																					
ABAH	0.38	130.2	Pg	08:28:16.275	-0.2					T__		72.2		---	ML	1.2	5482614	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	130.2	Lg	08:28:22.870	-0.2					T__				---		5482615	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
HU02A	0.46	204.3	Pg	08:28:18.336	-0.0					T__		33.5		---	ML	1.1	5482624	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	204.3	Lg	08:28:25.923	0.1					T__				---		5482625	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=0)																					
PSZ	0.87	224.7	Pg	08:28:27.415	0.4					T__		38.9		---	ML	1.6	5482617	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	224.7	Lg	08:28:40.915	0.8					T__				---		5482618	FDSN	GE	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
NIE	0.94	339.4	Pn	08:28:28.412	0.2					T__		17.1		---	ML	1.3	5482616	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.94	339.4	Lg	08:28:40.523	0.8					T__				---		5482619	FDSN	PL	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
TRPA	1.23	108.9	Pn	08:28:32.292	0.4					T__		13.4		---	ML	1.3	5482620	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	1.23	108.9	Sn	08:28:49.733	-0.9					T__				---		5482621	FDSN	HU	--	BUD	iLoc	BHE	???	_	
				(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	
2020/04/30	03:59:04.68	0.97	1.31	48.8200	21.8250	5.3	4.1	28	7.9	10.8	56	37	66	0.36	5.31	ke	BUD	16000832	BUD			98	

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.1	25 BUD	16000832

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
UZH	0.36	121.2	Pg	03:59:11.506	-0.3					T__				---		5484757	FDSN	UA	--	BUD	iLoc	BHZ	???	_	
UZH	0.36	121.2	Lg	03:59:16.743	-1.3					T__				---		5484758	FDSN	UA	--	BUD	iLoc	BHN	???	_	
STZU	0.56	69.2	Pg	03:59:15.171	-0.3					T__				---		5484759	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
ABAH	0.65	216.8	Pn	03:59:17.844	-1.2					T__		1048.4		---	ML	2.9	5484760	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.9 magdef=1)																					
ABAH	0.65	216.8	Lg	03:59:26.933	-0.7					T__				---		5484727	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Station ML: 2.9 magdef=1)																					
STHS	0.71	327.6	Pg	03:59:18.791	0.9					T__		1423.8		---	ML	3.0	5484729	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	0.71	327.6	Lg	03:59:29.987	1.6					T__				---		5484728	FDSN	SK	--	BUD	iLoc	EHN	???	_	

(Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=0 TRPA 0.84 145.2 Pg 03:59:20.674 -0.2	T__	242.7	___ ML	2.4 5484730	FDSN HU	-- BUD	iLoc	BHZ BHZ	_
TRPA 0.84 145.2 Lg 03:59:33.040 -0.4	T__		---	5484731	FDSN HU	-- BUD	iLoc	BHN ???	_
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0 HU07A 0.84 175.9 Pg 03:59:22.122 1.0	T__	630.9	___ ML	2.8 5484761	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
HU07A 0.84 175.9 Sn 03:59:35.319 -0.2	T__		---	5484762	FDSN ZJ	00 BUD	iLoc	HHE ???	_
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 JOS 0.91 249.6 Pn 03:59:22.200 -0.5	T__	298.4	___ ML	2.5 5484763	FDSN ZJ	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1 KECS 0.95 249.7 Pg 03:59:22.938 -0.6	T__	599.5	___ ML	2.8 5484732	FDSN SK	-- BUD	iLoc	EHZ EHZ	_
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 KWP 1.00 35.1 Pn 03:59:24.898 0.3	T__	1872.6	___ ML	3.3 5484733	FDSN PL	-- BUD	iLoc	BHZ BHZ	_
KWP 1.00 35.1 Sn 03:59:39.554 -1.0	T__		---	5484744	FDSN PL	-- BUD	iLoc	BHE ???	_
(Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=0 SHIU 1.09 67.7 Pn 03:59:25.144 -0.9	T__		---	5484766	FDSN UA	-- BUD	iLoc	MHZ ???	_
HU02A 1.11 231.6 Pn 03:59:25.624 0.0	T__	193.6	___ ML	2.4 5484764	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
HU02A 1.11 231.6 Lg 03:59:42.093 -0.4	T__		---	5484765	FDSN ZJ	00 BUD	iLoc	HHE ???	_
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1 MEZ 1.16 104.7 Pn 03:59:26.495 -0.3	T__		---	5484767	FDSN UA	-- BUD	iLoc	BHZ ???	_
MEZ 1.16 104.7 Lg 03:59:43.377 0.0	T__		---	5484768	FDSN UA	-- BUD	iLoc	BHE ???	_
NIE 1.17 301.4 Pg 03:59:27.137 0.4	T__	46.0	___ ML	1.8 5484734	FDSN PL	-- BUD	iLoc	BHZ BHZ	_
NIE 1.17 301.4 Lg 03:59:42.557 0.2	T__		---	5484735	FDSN PL	-- BUD	iLoc	BHE ???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 CEI 1.21 159.3 Pg 03:59:29.714 1.9	T__		_d_	09890526	FDSN IR	-- ISC	iLoc	??? ???	_
CEI 1.21 159.3 Lg 03:59:45.550 0.1	T__		_d_	09890527	FDSN IR	-- ISC	iLoc	??? ???	_
LTVH 1.44 178.0 Pg 03:59:31.882 -0.4	T__	353.7	___ ML	2.8 5484745	FDSN HU	-- BUD	iLoc	HHN HHZ	_
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 PSZ 1.57 235.7 Pg 03:59:35.076 -0.6	T__	79.3	___ ML	2.3 5484746	FDSN GE	-- BUD	iLoc	BHZ BHZ	_
PSZ 1.57 235.7 Lg 03:59:56.195 -1.4	T__		---	5484747	FDSN GE	-- BUD	iLoc	BHE ???	_
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0 HU23A 1.58 222.3 Pn 03:59:32.618 0.6	T__	255.3	___ ML	2.8 5484769	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
HU23A 1.58 222.3 Lg 03:59:55.099 -2.3	T__		---	5484770	FDSN ZJ	00 BUD	iLoc	HHE ???	_
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 LANS 1.59 282.9 Pg 03:59:34.465 -0.4	T__	96.0	___ ML	2.4 5484748	FDSN SK	-- BUD	iLoc	EHZ EHZ	_
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0 BMR 1.60 135.1 Pn 03:59:31.819 -0.8	T__	610.7	___ ML	3.2 5484736	FDSN RO	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 3.2 magdef=1 BMR 1.60 135.1 Lg 03:59:56.097 -1.4	T__		_d_	09890531	FDSN IR	-- ISC	iLoc	??? ???	_
BMR 1.60 135.1 Lg 03:59:56.297 -1.2	T__		---	5484749	FDSN RO	-- BUD	iLoc	BHN ???	_
(Station ML: 3.2 magdef=0 BORR 1.73 180.9 Pg 03:59:37.790 -0.2	T__		_c_	09890534	FDSN IR	-- ISC	iLoc	??? ???	_

HU03A	1.74	239.1	Pn	03:59:35.916	1.6	T__	101.1	___	ML	2.5	5484771	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.5 magdef=1)																				
(Station ML: 2.5 magdef=1)																				
OJC	1.93	317.5	Pn	03:59:38.536	1.1	T__	63.0	___	ML	2.4	5484737	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
OJC	1.93	317.5	Sn	04:00:01.793	-1.0	T__		___			5484738	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.4 magdef=1)																				
(Station ML: 2.4 magdef=0)																				
DRGR	2.12	163.3	Pn	03:59:39.961	0.2	T__	118.6	___	ML	2.8	5484739	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
(Reading ML: 2.8 magdef=1)																				
DRGR	2.12	163.3	Lg	04:00:10.231	-3.5	T__		_c_			09890537	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML: 2.8 magdef=1)																				
A332A	2.22	270.9	Pn	03:59:41.778	0.5	T__	48.1	___	ML	2.4	5484772	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.4 magdef=1)																				
(Station ML: 2.4 magdef=1)																				
A335A	2.34	262.1	Pn	03:59:43.403	0.5	T__	99.9	___	ML	2.8	5484773	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.8 magdef=1)																				
(Station ML: 2.8 magdef=1)																				
CJR	2.42	149.8	Pn	03:59:45.407	1.2	T__	153.3	___	ML	3.0	5484750	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
CJR	2.42	149.8	Lg	04:00:24.999	1.6	T__		___			5484751	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.0 magdef=1)																				
(Station ML: 3.0 magdef=1)																				
BURAR	2.57	116.7	Pn	03:59:46.832	0.1	T__		___			5484740	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
MAUC	2.68	283.2	Pn	03:59:50.100	2.2	T__		___e			44742141	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	2.74	272.4	Pn	03:59:49.631	0.8	T__	63.1	___	ML	2.8	5484741	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
(Reading ML: 2.8 magdef=1)																				
(Station ML: 2.8 magdef=1)																				
MORC	2.96	290.5	Pn	03:59:52.175	0.4	T__	37.6	___	ML	2.7	5484742	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
MORC	2.96	290.5	Sn	04:00:26.323	-2.6	T__		___			5484752	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.7 magdef=1)																				
(Station ML: 2.7 magdef=1)																				
MODS	3.05	263.3	Pn	03:59:52.837	-0.1	T__		___			5484743	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
BZS	3.21	182.6	Sn	04:00:30.903	-1.3	T__		___			5484753	FDSN	RO	--	BUD	iLoc	BHE	???	_	
LIPC	3.29	290.0	Pn	03:59:57.400	1.2	T__		___e			44742140	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	3.47	280.0	Pn	03:59:58.791	-0.1	T__	44.5	___	ML	3.1	5484754	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
(Reading ML: 3.1 magdef=1)																				
(Station ML: 3.1 magdef=0)																				
KRUC	3.59	275.9	Pn	03:59:59.961	-0.5	T__	32.3	___	ML	3.0	5484755	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
KRUC	3.59	275.9	Sn	04:00:43.371	-1.1	T__		___			5484756	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.0 magdef=1)																				
(Station ML: 3.0 magdef=1)																				
CKRC	4.97	272.8	Sn	04:01:13.300	-4.4	T__		___e			44742139	FDSN	IR	--	ISC	iLoc	???	???	_	
GKP	5.31	328.7	Pn	04:00:27.500	2.0	T__	139.8	0.62	___	ML	4.1	09228183	FDSN	IR	--	ISC	iLoc	???	???	_
(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
2020/04/30	09:00:18.77	1.00	1.64	48.2521	21.2195	7.1	3.9	165	0.0f		15	8	152	0.05	1.20	sx	BUD	16000834	BUD		199	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	7 BUD	16000834

Sta	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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ABAH	0.05	17.1	Pg	09:00:19.852	-0.4	T__	33168.5	___	ML	2.9	5484874	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	17.1	Lg	09:00:21.677	-0.1	T__		---			5484880	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
HU02A	0.48	254.6	Pg	09:00:28.313	-0.7	T__	120.1	___	ML	1.7	5484884	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	254.6	Lg	09:00:36.545	-0.3	T__		---			5484885	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
JOS	0.51	298.5	Pg	09:00:29.071	-0.1	T__	102.7	___	ML	1.7	5484886	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	298.5	Lg	09:00:36.208	-0.8	T__		---			5484887	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
KECS	0.54	295.6	Pg	09:00:29.766	0.1	T__	283.4	___	ML	2.3	5484875	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.54	295.6	Lg	09:00:36.747	-1.2	T__		---			5484876	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
TRPA	0.89	97.4	Pg	09:00:35.938	-0.2	T__	42.0	___	ML	1.6	5484877	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.89	97.4	Lg	09:00:48.808	-2.0	T__		---			5484883	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
PSZ	0.95	249.9	Pg	09:00:41.891	3.1	T__	73.9	___	ML	1.9	5484882	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.95	249.9	Lg	09:00:52.125	-0.9	T__		---			5484881	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
STHS	1.17	0.8	Pn	09:00:44.612	3.1	T__	144.9	___	ML	2.3	5484878	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	1.17	0.8	Lg	09:01:00.375	2.0	T__		---			5484879	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
STZU	1.20	50.1	Pg	09:00:42.674	1.0	T__		---			5484888	FDSN	UA	--	BUD	iLoc	MHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/04/30	12:03:10.60	0.98	1.62	47.5821	16.3733	5.7	4.2	155	0.0f		15	9	123	0.16	1.27	sx	BUD	16000836	BUD			189

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD	16000836

Sta	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	0.16	50.9	Pg	12:03:13.697	-0.5					T__		121.2		___	ML	0.8	5485119	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.16	50.9	Lg	12:03:16.480	-0.4					T__				---		5485120	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
A004A	0.38	2.4	Lg	12:03:25.210	1.4					T__				---		5485126	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
CONA	0.49	315.3	Pg	12:03:19.894	-0.5					T__	60.4			___	ML	1.4	5485117	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.49	315.3	Lg	12:03:27.608	0.6					T__				---		5485118	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ARSA	0.67	240.4	Pg	12:03:24.058	0.6					T__	34.2			___	ML	1.4	5485121	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.67	240.4	Lg	12:03:30.383	-1.5					T__				---		5485122	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A013A	0.81	306.8	Pg	12:03:26.347	0.1					T__	90.0			___	ML	1.9	5485127	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.81	306.8	Lg	12:03:37.825	1.1					T__				---		5485128	FDSN	Z3	00	BUD	iLoc	HHE	???	_	

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A018A 0.89 280.9 Pg 12:03:28.024 0.2 T__ 38.1 ___ ML 1.6 5485129 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MPLH 0.89 117.0 Lg 12:03:43.438 1.7 T__ 5485123 FDSN HU -- BUD iLoc BHE ??? _
MODS 1.00 37.2 Pg 12:03:30.592 -0.3 T__ 5485125 FDSN SK -- BUD iLoc HHE ??? _
MODS 1.00 37.2 Lg 12:03:45.429 -0.8 T__ 5485124 FDSN SK -- BUD iLoc HHE ??? _
A007A 1.27 333.8 Pg 12:03:34.971 0.0 T__ 54.2 ___ ML 1.9 5485130 FDSN Z3 00 BUD iLoc HHZ HHZ _
A007A 1.27 333.8 Sn 12:03:48.356 -4.6 T__ 5485131 FDSN Z3 00 BUD iLoc HHE ??? _
(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
2020/05/03	20:34:54.97	1.79	0.84	46.5658	21.1027	31.7	11.1	90	22.6	15.4	6	3	207	0.35	1.13	ke	BUD	16000842	BUD		288	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD	16000842

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU24A	0.35	6.4	Pn	20:35:02.984	-0.1					T__		81.7		___	ML	1.2	5505188	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.35	6.4	Lg	20:35:08.956	0.0					T__				___		5505189	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
BZS	1.01	159.2	Pg	20:35:14.673	-0.1					T__		19.1		___	ML	1.3	5505190	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	1.01	159.2	Sn	20:35:26.864	0.7					T__				___		5505191	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
DRGR	1.13	77.9	Pn	20:35:14.745	0.3					T__		31.8		___	ML	1.6	5505187	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.13	77.9	Sn	20:35:28.541	-0.9					T__				___		5505192	FDSN	RO	--	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
2020/05/04	00:26:50.71	2.21	0.30	47.3771	18.2632	13.4	2.7	88	2.9	9.4	7	4	197	0.01	0.09	ke	BUD	16000844	BUD		273	

Magnitude	Err	Nsta	Author	OrigID
ML	-0.0	0.2	3 BUD	16000844

Sta	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	187.4	Pg	00:26:51.784	0.2					T__		56.1		_c_	ML	0.1	5505250	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.01	187.4	Lg	00:26:52.361	-0.2					T__				___		5505249	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.1 magdef=1 (Station ML: 0.1 magdef=1																									
MSW1	0.02	349.8	Pg	00:26:51.746	0.1					T__		40.7		_c_	ML	-0.0	5505247	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.02	349.8	Lg	00:26:52.370	-0.2					T__				___		5505248	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: -0.0 magdef=1 (Station ML: -0.0 magdef=1																									
MSW2	0.08	205.4	Pg	00:26:52.863	0.1					T__		17.5		___	ML	-0.2	5505252	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	205.4	Lg	00:26:54.316	-0.3					T__				___		5505251	FDSN	HU	--	BUD	iLoc	HHE	???	_	

(Reading ML: -0.2 magdef=1
 (Station ML: -0.2 magdef=1
 MSW3 0.09 273.7 Lg 00:26:54.907 0.0 T__ --- 5505253 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
2020/05/04	00:27:37.95	1.74	0.67	47.3761	18.2411	6.9	4.7	152	7.4	8.8	9	6	98	0.02	0.28	ke	BUD	16000846	BUD			159

Magnitude Err Nsta Author OrigID
 ML -0.2 0.2 4 BUD 16000846

Sta	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	134.6	Pg	00:27:40.062	0.5					T__		18.0		---	ML	-0.4	5505314	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.02	134.6	Lg	00:27:40.579	-0.6					T__				---		5505311	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: -0.4 magdef=1 (Station ML: -0.4 magdef=1																										
MSW1	0.02	36.0	Pg	00:27:40.048	0.4					T__		21.8		---	ML	-0.3	5505313	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW1	0.02	36.0	Lg	00:27:40.719	-0.4					T__				---		5505312	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: -0.3 magdef=1 (Station ML: -0.3 magdef=1																										
MSW2	0.08	195.5	Lg	00:27:41.718	-0.6					T__				---		5505317	FDSN	HU	--	BUD	iLoc	HHE	???	_		
MSW3	0.08	275.1	Pg	00:27:40.770	0.5					T__		21.2		---	ML	-0.2	5505315	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW3	0.08	275.1	Lg	00:27:41.697	-0.6					T__				---		5505316	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: -0.2 magdef=1 (Station ML: -0.2 magdef=1																										
HU08A	0.22	284.5	Pg	00:27:43.024	0.3					T__		17.7		---	ML	0.2	5505318	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 0.2 magdef=1 (Station ML: 0.2 magdef=1																										
HU09A	0.28	20.0	Lg	00:27:48.169	-0.5					T__				---		5505319	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
2020/05/04	07:52:13.76	1.00	0.62	47.0527	17.9615	5.7	4.2	67	0.0f		8	6	100	0.16	0.97	sx	BUD	16000848	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	
TIH	0.16	197.1	Pg	07:52:17.997	0.4					T__		1383.2		---	ML	1.9	5505870	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.16	197.1	Lg	07:52:19.853	-0.9					T__				---		5505868	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
MPLH	0.31	292.3	Pg	07:52:20.301	-0.3					T__		99.5		---	ML	1.2	5505867	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.31	292.3	Lg	07:52:26.611	0.7					T__				---		5505869	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
CSKK	0.37	33.2	Lg	07:52:28.567	0.1					T__				---		5505866	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A267A	0.37	106.4	Lg	07:52:27.874	-0.3					T__				---		5505871	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
MORH	0.96	150.5	Lg	07:52:46.894	-0.2					T__				---		5505873	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	0.97	174.3	Lg	07:52:47.088	-0.5					T__				---		5505872	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
2020/05/04	08:51:34.87	0.48	1.37	47.3860	18.3887				0.0	0.0	12	0	172	0.09	1.31	sx	BUD	16000850	BUD			

Magnitude Err Nsta Author OrigID

Sta	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	261.2	Pg	08:51:34.514	-0.7					T__		1063.0		---	ML	1.5	5505912	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	261.2	Lg	08:51:35.942	-1.3					T__				---		5505913	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU09A	0.27	4.5	Lg	08:51:43.517	-0.7					T__				---		5505917	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.30	281.6	Pg	08:51:40.348	0.6					T__		200.7		---	ML	1.4	5505919	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.30	281.6	Lg	08:51:45.407	0.3					T__				---		5505918	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
A267A	0.44	168.2	Lg	08:51:49.464	-0.3					T__				---		5505920	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MPLH	0.59	250.2	Lg	08:51:54.231	-0.3					T__				---		5505914	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.69	274.0	Lg	08:52:00.394	2.4					T__				---		5505921	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A266A	0.85	184.0	Lg	08:52:04.497	1.7					T__				---		5505922	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MORH	1.18	170.1	Sn	08:52:11.048	-2.4					T__				---		5505915	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MODS	1.24	324.6	Sn	08:52:13.608	-2.1					T__				---		5505916	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.30	187.8	Sn	08:52:17.335	0.9					T__				---		5505923	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	
2020/05/04	09:06:17.90	0.35	1.41	47.6032	16.3479				0.0	0.0	13	0	120	0.16	1.46	sx	BUD	16000852	BUD				

Magnitude Err Nsta Author OrigID

Sta	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	0.13	58.6	Pg	09:06:19.099	-0.4					T__		144.1		---	ML	0.8	5505966	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.13	58.6	Lg	09:06:21.059	-0.7					T__				---		5505967	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
A004A	0.35	0.3	Lg	09:06:30.420	1.8					T__				---		5505975	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CONA	0.48	311.3	Pg	09:06:25.405	-0.7					T__		50.9		---	ML	1.3	5505968	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.48	311.3	Lg	09:06:32.965	0.5					T__				---		5505969	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
EGYH	0.67	107.0	Lg	09:06:42.055	1.9					T__				---		5505970	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.69	238.6	Lg	09:06:37.809	-0.9					T__				---		5505974	FDSN	OE	--	BUD	iLoc	HHE	???	_	
MPLH	0.90	119.4	Lg	09:06:47.964	0.2					T__				---		5505972	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A018A	0.90	278.7	Lg	09:06:48.148	2.9					T__				---		5505976	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
MODS	0.96	37.7	Lg	09:06:50.697	-0.3					T__				---		5505971	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A001A	1.12	6.7	Sn	09:06:55.785	0.5					T__				---		5505977	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
A007A	1.24	332.6	Lg	09:06:56.911	-1.3					T__				---		5505978	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
KRUC	1.45	0.0	Sn	09:07:02.530	-0.6					T__				---		5505973	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	
2020/05/04	09:35:27.57	1.27	0.83	48.7694	20.7715	8.5	5.4	136	0.0f		9	5	171	0.31	0.72	sx	BUD	16000854	BUD				292

Magnitude Err Nsta Author OrigID

ML 1.5 0.1 4 BUD 16000854

Sta	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	0.31	209.4	Pg	09:35:34.559	0.6					T__		244.3		---	ML	1.6	5506020	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.31	209.4	Lg	09:35:38.120	-0.7	T__								5506021	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
KECS	0.34	213.6	Pg	09:35:35.278	0.7	T__	525.8							5506015	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.34	213.6	Lg	09:35:39.046	-0.8	T__								5506016	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
ABAH	0.57	146.5	Pg	09:35:39.544	0.6	T__	43.8							5506017	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.57	146.5	Lg	09:35:47.907	-0.6	T__								5506018	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																						
(Station ML: 1.5 magdef=1)																						
HU02A	0.67	194.3	Pg	09:35:41.448	0.0	T__	31.9							5506022	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.67	194.3	Lg	09:35:51.188	-0.7	T__								5506023	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																						
(Station ML: 1.4 magdef=1)																						
STHS	0.72	25.4	Lg	09:35:50.670	-0.9	T__								5506019	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
2020/05/04	11:40:22.41	0.90	1.39	48.2315	19.9232	4.9	3.7	130	0.0f		16	11	78	0.31	1.77	sx	BUD	16000856	BUD		108	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	6 BUD	16000856

Sta	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	183.5	Pg	11:40:29.650	0.1					T__		552.6			ML	1.9	5506081	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	0.39	213.6	Lg	11:40:36.468	-0.6					T__						5506090	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU02A	0.42	105.0	Pg	11:40:31.328	-0.0					T__	175.8				ML	1.7	5506091	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	105.0	Lg	11:40:38.177	-0.1					T__						5506092	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.45	55.9	Pg	11:40:31.553	-0.0					T__	261.7				ML	2.0	5506082	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.45	55.9	Lg	11:40:39.184	0.6					T__						5506083	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
JOS	0.49	57.0	Pg	11:40:32.035	-0.2					T__	162.2				ML	1.9	5506093	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	57.0	Lg	11:40:38.763	-1.1					T__						5506094	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.88	85.3	Pn	11:40:42.720	1.9					T__	74.6				ML	1.9	5506084	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.88	85.3	Lg	11:40:53.211	-0.7					T__						5506085	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
LANS	0.97	342.0	Lg	11:40:54.237	-0.4					T__						5506086	FDSN	SK	--	BUD	iLoc	EHE	???	_	
A338A	1.07	259.0	Sn	11:40:57.742	-2.7					T__						5506095	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
A332A	1.13	301.1	Lg	11:41:00.513	-0.2					T__						5506096	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
NIE	1.21	11.7	Pn	11:40:48.805	3.0					T__	21.8				ML	1.5	5506087	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.21	11.7	Lg	11:41:03.128	0.1					T__						5506088	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
MODS	1.77	275.6	Sn	11:41:19.874	1.7					T__						5506089	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
2020/05/05	21:51:17.10	1.01	0.23	47.3785	18.2435	5.6	3.4	79	1.0f	6	4	122	0.02	0.08	ke	BUD	16000858	BUD			229	

Magnitude Err Nsta Author OrigID

Sta	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	36.2	Pg	21:51:17.975	0.1				T__		52.0		---	ML	0.1	5508827	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.02	36.2	Lg	21:51:18.561	-0.2				T__				---			5508826	FDSN	HU	--	BUD	iLoc	HNN	???	_
CSKK	0.02	143.1	Pg	21:51:18.031	0.1				T__		52.5		---	ML	0.1	5508824	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	143.1	Lg	21:51:18.571	-0.2				T__				---			5508825	FDSN	HU	--	BUD	iLoc	HNN	???	_
MSW2	0.08	196.2	Lg	21:51:20.700	-0.2				T__				---			5508828	FDSN	HU	--	BUD	iLoc	HHE	???	_
MSW3	0.08	273.3	Lg	21:51:20.668	-0.1				T__				---			5508829	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
2020/05/06	08:43:59.70	0.90	0.60	48.5340	20.7488	4.3	3.2	0	0.0f	16	9	86	0.14	1.33	sx	BUD	16000860	BUD			121	

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 7 BUD 16000860

Sta	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	254.7	Pg	08:44:02.777	-0.0				T__		437.7		---	ML	1.3	5509631	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	254.7	Lg	08:44:05.800	0.5				T__				---			5509632	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																				
KECS	0.18	253.9	Pg	08:44:03.229	-0.3				T__		1261.3		---	ML	1.9	5509623	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.18	253.9	Lg	08:44:07.073	0.4				T__				---			5509624	FDSN	SK	--	BUD	iLoc	EHE	???	_
				(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0)																				
ABAH	0.40	125.9	Pg	08:44:08.317	0.3				T__		146.7		---	ML	1.6	5509625	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	125.9	Lg	08:44:14.630	-0.4				T__				---			5509626	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																				
HU02A	0.44	200.0	Pg	08:44:08.941	-0.1				T__		43.5		---	ML	1.2	5509633	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	200.0	Lg	08:44:16.148	-0.1				T__				---			5509634	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
				(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0)																				
PSZ	0.84	223.2	Pg	08:44:17.510	0.1				T__		68.8		---	ML	1.8	5509627	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.84	223.2	Lg	08:44:30.713	0.6				T__				---			5509635	FDSN	GE	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																				
NIE	0.93	341.7	Pg	08:44:18.281	1.0				T__		31.5		---	ML	1.5	5509628	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.93	341.7	Lg	08:44:30.933	0.3				T__				---			5509629	FDSN	PL	--	BUD	iLoc	BHE	???	_
				(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																				
LANS	1.05	306.6	Pg	08:44:19.048	-1.3				T__		45.1		---	ML	1.7	5509630	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
				(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																				
HOLU	1.09	89.8	Pg	08:44:20.171	-0.3				T__				---			5509636	FDSN	UA	--	BUD	iLoc	MHZ	???	_
STZU	1.33	68.0	Pg	08:44:24.365	-0.5				T__				---			5509637	FDSN	UA	--	BUD	iLoc	MHZ	???	_

STZU 1.33 68.0 Lg 08:44:44.055 -0.5 T__ --- 5509638 FDSN UA -- BUD iLoc MHZ ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2020/05/06 12:58:48.08 2.44 1.07 47.7796 20.1933 18.4 4.6 165 0.0f 11 6 234 0.24 0.87 sx BUD 16000862 BUD 254

Magnitude Err Nsta Author OrigID
 ML 1.9 0.0 5 BUD 16000862

Sta	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	304.7	Pg	12:58:53.920	0.1					T__		827.2		---	ML	1.9 5510510	FDSN	GE	--	BUD	iLoc	HHE	HHZ	_
PSZ	0.24	304.7	Lg	12:58:57.212	-1.2					T__				---		5510511	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
HU02A	0.41	32.9	Pg	12:58:56.503	-0.4					T__		257.9		---	ML	1.8 5510514	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.41	32.9	Lg	12:59:02.639	-1.2					T__				---		5510515	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
HU03A	0.42	287.5	Lg	12:59:03.939	0.2					T__				---		5510516	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
KECS	0.73	15.4	Pg	12:59:03.853	1.1					T__		88.1		---	ML	1.9 5510518	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.73	15.4	Lg	12:59:13.575	-0.3					T__				---		5510517	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
JOS	0.75	17.8	Pg	12:59:02.767	-0.4					T__		66.6		---	ML	1.7 5510519	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.75	17.8	Lg	12:59:16.243	1.6					T__				---		5510520	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																								
ABAH	0.87	53.3	Pn	12:59:07.722	1.4					T__		99.5		---	ML	2.0 5510512	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.87	53.3	Lg	12:59:19.988	0.4					T__				---		5510513	FDSN	HU	--	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
 2020/05/06 17:42:36.85 2.09 0.43 47.3713 18.3142 11.4 4.6 93 2.0f 7 4 285 0.04 0.13 ke BUD 16000864 BUD 317

Magnitude Err Nsta Author OrigID
 ML 0.5 0.1 3 BUD 16000864

Sta	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	257.3	Pg	17:42:38.291	0.3					T__		139.9		_c_	ML	0.5 5511558	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.04	257.3	Lg	17:42:38.878	-0.4					T__				---		5511559	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1)																								
MSW1	0.04	299.9	Pg	17:42:38.282	0.2					T__		119.3		_c_	ML	0.5 5511561	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.04	299.9	Lg	17:42:38.962	-0.4					T__				---		5511560	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1)																								
MSW2	0.10	225.5	Pg	17:42:39.362	0.2					T__		23.3		---	ML	-0.1 5511562	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.10	225.5	Lg	17:42:40.778	-0.5					T__				---		5511563	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: -0.1 magdef=1 Station ML: -0.1 magdef=1)																								

MSW3	0.13	275.3	Lg	17:42:42.361	0.2				T__						5511564	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			
2020/05/07	07:25:52.18	1.48	0.90	47.3326	18.4187	9.5	5.5	76	0.0f		6	5	113	0.11	1.16	sx	BUD	16000866	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	
CSKK	0.11	285.9	Pg	07:25:55.206	0.1					T__		1031.1			ML	1.6	5511719	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	285.9	Lg	07:25:57.229	-0.6					T__							5511720	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU09A	0.31	355.4	Lg	07:26:04.208	-0.3					T__							5511721	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
HU08A	0.35	286.5	Lg	07:26:06.098	0.3					T__							5511722	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
MORH	1.13	172.1	Lg	07:26:30.732	-0.2					T__							5511723	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.16	59.0	Sn	07:26:34.086	1.4					T__							5511724	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			
2020/05/07	09:51:58.82	1.56	1.87	47.2706	18.3637	12.9	7.3	72	0.0f		6	5	112	0.12	1.22	sx	BUD	16000868	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	
CSKK	0.12	322.9	Pg	09:52:02.344	0.6					T__		577.0			ML	1.4	5511756	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.12	322.9	Lg	09:52:03.119	-1.5					T__							5511753	FDSN	HU	--	BUD	iLoc	HHZ	???	_
MPLH	0.57	260.2	Lg	09:52:19.415	-0.0					T__							5511757	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.07	169.6	Lg	09:52:34.694	-1.1					T__							5511758	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	1.20	188.8	Sn	09:52:39.141	-0.3					T__							5511754	FDSN	HU	--	BUD	iLoc	HHE	???	_
PSZ	1.22	57.4	Sn	09:52:43.476	2.6					T__							5511755	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			
2020/05/07	11:30:20.26	1.09	0.69	48.3575	19.7602	6.4	4.8	147	10.0f		9	5	158	0.45	0.95	sx	BUD	16000870	BUD		266				
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.8	0.2	5	BUD	16000870																				
Sta	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	0.45	168.4	Pg	11:30:29.971	-0.1					T__		129.2			ML	1.7	5511939	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.45	168.4	Lg	11:30:37.763	0.6					T__							5511940	FDSN	GE	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
KECS	0.50	75.1	Pg	11:30:30.869	0.5					T__		161.8			ML	1.9	5511945	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.50	75.1	Lg	11:30:37.847	0.1					T__							5511946	FDSN	SK	--	BUD	iLoc	EHN	???	_
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
JOS	0.54	74.8	Pg	11:30:31.259	0.2					T__		97.5			ML	1.8	5511941	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	74.8	Lg	11:30:38.333	-0.6					T__							5511947	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
HU02A	0.56	114.4	Pg	11:30:32.508	0.5					T__		56.0			ML	1.6	5511942	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.56	114.4	Lg	11:30:39.305	-1.3					T__							5511943	FDSN	ZJ	00	BUD	iLoc	HHE	???	_

(Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=0
 A335A 0.95 275.9 Pg 11:30:39.347 -0.0 T__ 195.6 ___ ML 2.3 5511944 FDSN Z3 00 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
2020/05/07	13:08:15.12	2.62	0.05	47.4224	18.6990	37.2	14.9	167	6.2f	6	3	345	0.30	0.35	ke	BUD	16000872	BUD				354

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	3 BUD	16000872

Sta	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	0.30	264.5	Pn	13:08:26.036	0.0					T__		505.1		_c_	ML	1.8	5512268	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.30	264.5	Lg	13:08:26.660	0.0					T__				---		5512267	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CSKK	0.30	258.9	Pn	13:08:26.036	-0.0					T__		476.9		---	ML	1.8	5512265	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.30	258.9	Lg	13:08:26.679	-0.1					T__				---		5512266	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW2	0.35	250.3	Pn	13:08:26.771	0.0					T__		49.6		---	ML	1.0	5512270	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.35	250.3	Lg	13:08:28.383	0.0					T__				---		5512269	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 (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	
2020/05/07	13:11:25.25	2.57	0.30	47.3696	18.2497	12.7	3.6	76	2.8	28.7	8	4	116	0.01	0.09	ke	BUD	16000874	BUD				212

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.6	4 BUD	16000874

Sta	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	131.5	Pg	13:11:26.284	0.2					T__		3361.7		_c_	ML	1.9	5512317	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.01	131.5	Lg	13:11:26.945	-0.1					T__				---		5512318	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW1	0.02	15.2	Pg	13:11:26.284	0.0					T__		3934.6		_c_	ML	2.0	5512320	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.02	15.2	Lg	13:11:26.918	-0.4					T__				---		5512319	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW2	0.07	201.4	Pg	13:11:27.197	0.1					T__		326.2		---	ML	1.0	5512321	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	201.4	Lg	13:11:28.538	-0.3					T__				---		5512322	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW3	0.09	279.2	Pg	13:11:27.486	0.2					T__		331.0		---	ML	1.1	5512323	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.09	279.2	Lg	13:11:29.002	-0.2					T__				---		5512324	FDSN	HU	--	BUD	iLoc	HHE	???	_	

(Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1
 (Reading ML: 2.0 magdef=1
 (Station ML: 2.0 magdef=1
 (Reading ML: 1.0 magdef=1
 (Station ML: 1.0 magdef=1
 (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
2020/05/07	13:12:28.09	1.43	0.57	47.3897	18.2659	6.2	3.8	86	6.5	6.1	9	5	170	0.01	0.26	ke	BUD	16000876	BUD			243

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.5	4 BUD	16000876

Sta	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	304.3	Pg	13:12:29.954	0.4					T__		1168.4		_c_	ML	1.4	5512393	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.01	304.3	Lg	13:12:30.526	-0.4					T__				---		5512394	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
CSKK	0.03	187.9	Pg	13:12:29.991	0.3					T__		1200.7		---	ML	1.5	5512392	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.03	187.9	Lg	13:12:30.564	-0.6					T__				---		5512391	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MSW2	0.10	203.2	Pg	13:12:30.949	0.4					T__		107.9		---	ML	0.6	5512398	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.10	203.2	Lg	13:12:32.188	-0.6					T__				---		5512397	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
MSW3	0.10	266.1	Pg	13:12:30.731	0.2					T__		147.2		---	ML	0.7	5512395	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.10	266.1	Lg	13:12:32.771	0.0					T__				---		5512396	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
HU09A	0.26	17.6	Lg	13:12:37.702	-0.5					T__				---		5512399	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
2020/05/07	14:20:53.09	1.99	0.87	47.3908	18.3559	13.5	4.8	118	1.5f		6	4	224	0.07	0.25	ke	BUD	16000878	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	
MSW1	0.07	271.9	Pg	14:20:55.334	0.6					T__		211.5		_c_	ML	0.8	5512439	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.07	271.9	Lg	14:20:55.883	-0.5					T__				---		5512440	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CSKK	0.07	246.9	Pg	14:20:55.352	0.5					T__		318.8		---	ML	1.0	5512437	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	246.9	Lg	14:20:55.948	-0.6					T__				---		5512438	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW2	0.13	228.1	Lg	14:20:57.923	-0.7					T__				---		5512436	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU09A	0.25	4.1	Lg	14:21:01.864	-0.7					T__				---		5512441	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
2020/05/07	14:25:54.56	2.05	0.37	47.3773	18.2835	14.6	3.6	94	3.5	7.6	7	4	260	0.02	0.11	ke	BUD	16000880	BUD			300

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.1	3 BUD	16000880

Sta	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	227.8	Pg	14:25:55.850	0.2					T__		207.4		---	ML	0.7	5512495	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	227.8	Lg	14:25:56.530	-0.2					T__				---		5512496	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									

MSW1	0.02	313.2	Pg	14:25:55.822	0.2	T__	166.8	_c_ ML	0.6	5512497	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW1	0.02	313.2	Lg	14:25:56.351	-0.4	T__		---		5512501	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 0.6 magdef=1)															
				(Station ML: 0.6 magdef=1)															
MSW2	0.09	213.4	Pg	14:25:56.884	0.1	T__	32.1	___ ML	0.1	5512499	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW2	0.09	213.4	Lg	14:25:58.448	-0.3	T__		---		5512498	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 0.1 magdef=1)															
				(Station ML: 0.1 magdef=1)															
MSW3	0.11	273.2	Lg	14:25:59.200	-0.1	T__		---		5512500	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
2020/05/07	16:20:02.83	1.00	0.36	47.3832	18.2443	4.3	3.8	6	5.0f		8	4	135	0.01	0.08	ke	BUD	16000882	BUD			241

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.6	4 BUD	16000882

Sta	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	45.7	Pg	16:20:04.314	0.3					T__		631.5		_c_ ML	1.1	5512907	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.01	45.7	Lg	16:20:04.929	-0.3					T__				---		5512906	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.1 magdef=1)																				
				(Station ML: 1.1 magdef=1)																				
CSKK	0.02	151.3	Pg	16:20:04.319	0.2					T__		478.5		_c_ ML	1.0	5512904	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	151.3	Lg	16:20:04.873	-0.5					T__				---		5512905	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.0 magdef=1)																				
				(Station ML: 1.0 magdef=1)																				
MSW3	0.08	270.0	Pg	16:20:05.004	0.1					T__		60.2		___ ML	0.3	5512910	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.08	270.0	Lg	16:20:06.838	0.0					T__				---		5512911	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 0.3 magdef=1)																				
				(Station ML: 0.3 magdef=1)																				
MSW2	0.08	195.7	Pg	16:20:05.260	0.2					T__		58.6		___ ML	0.3	5512908	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	195.7	Lg	16:20:06.754	-0.3					T__				---		5512909	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(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
2020/05/07	18:23:42.41	1.17	0.41	47.3786	18.2443	11.6	4.3	89	4.0f		5	3	198	0.02	0.08	ke	BUD	16000884	BUD			308

Magnitude	Err	Nsta	Author	OrigID
ML	0.4	0.1	2 BUD	16000884

Sta	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	34.9	Pg	18:23:43.676	0.2					T__		86.4		___ ML	0.3	5513031	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.02	34.9	Lg	18:23:44.291	-0.3					T__				---		5513030	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 0.3 magdef=1)																				
				(Station ML: 0.3 magdef=1)																				
CSKK	0.02	144.6	Pg	18:23:43.723	0.2					T__		120.5		___ ML	0.4	5513028	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	144.6	Lg	18:23:44.347	-0.3					T__				---		5513029	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 0.4 magdef=1)																				
				(Station ML: 0.4 magdef=1)																				
MSW2	0.08	196.6	Lg	18:23:46.098	-0.2					T__				---		5513032	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
2020/05/07	18:58:50.85	2.44	0.29	47.3758	18.2562	12.9	2.9	84	3.1	13.1	7	4	160	0.01	0.09	ke	BUD	16000886	BUD			252

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.1	3 BUD	16000886

Sta	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	166.9	Pg	18:58:51.949	0.2					T__		252.4		_c_	ML	0.7	5513089	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.01	166.9	Lg	18:58:52.547	-0.2					T__				---		5513093	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
MSW1	0.02	6.4	Pg	18:58:51.930	0.1					T__		298.6		_c_	ML	0.8	5513087	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.02	6.4	Lg	18:58:52.554	-0.3					T__				---		5513088	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
MSW2	0.08	202.7	Pg	18:58:52.927	0.1					T__		32.2		---	ML	0.0	5513092	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	202.7	Lg	18:58:54.426	-0.3					T__				---		5513091	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.0 magdef=1)																									
(Station ML: 0.0 magdef=1)																									
MSW3	0.09	274.8	Lg	18:58:54.920	0.0					T__				---		5513090	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
2020/05/07	18:59:33.08	1.00	0.38	47.3762	18.2519	5.5	3.3	92	3.9f		7	4	139	0.01	0.09	ke	BUD	16000888	BUD			241

Magnitude	Err	Nsta	Author	OrigID
ML	0.5	0.1	3 BUD	16000888

Sta	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	155.9	Pg	18:59:34.352	0.2					T__		199.9		_c_	ML	0.6	5513161	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.01	155.9	Lg	18:59:34.925	-0.3					T__				---		5513162	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
MSW1	0.02	16.1	Pg	18:59:34.338	0.2					T__		155.6		_c_	ML	0.5	5513164	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.02	16.1	Lg	18:59:34.985	-0.3					T__				---		5513163	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
MSW2	0.08	200.7	Pg	18:59:35.362	0.3					T__		19.6		---	ML	-0.2	5513165	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	200.7	Lg	18:59:36.489	-0.5					T__				---		5513166	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: -0.2 magdef=1)																									
(Station ML: -0.2 magdef=1)																									
MSW3	0.09	274.7	Lg	18:59:36.895	-0.2					T__				---		5513167	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
2020/05/07	19:03:45.76	1.00	0.38	47.3773	18.2431	5.0	3.8	100	3.8f		7	4	120	0.02	0.08	ke	BUD	16000890	BUD			225

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	3 BUD	16000890

Sta	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	140.2	Pg	19:03:47.042	0.2					T__		809.4		_c_	ML	1.3	5513225	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	140.2	Lg	19:03:47.578	-0.4					T__				---		5513226	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MSW1	0.02	34.6	Pg	19:03:47.042	0.2					T__		733.3		_c_	ML	1.2	5513228	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.02	34.6	Lg	19:03:47.694	-0.2					T__				---		5513227	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MSW2	0.08	196.3	Pg	19:03:48.025	0.3					T__		98.4		---	ML	0.5	5513229	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	196.3	Lg	19:03:49.282	-0.3					T__				---		5513230	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
MSW3	0.08	274.2	Lg	19:03:49.247	-0.3					T__				---		5513231	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	
2020/05/07	19:14:22.93	1.01	0.35	47.3781	18.2391	6.2	4.6	66	4.0f		6	4	128	0.02	0.08	ke	BUD	16000892	BUD				222

Magnitude	Err	Nsta	Author	OrigID
ML	0.1	0.1	2 BUD	16000892

Sta	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	42.3	Pg	19:14:24.239	0.2					T__		61.7		_c_	ML	0.1	5513270	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.02	42.3	Lg	19:14:24.909	-0.3					T__				---		5513269	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.1 magdef=1)																									
(Station ML: 0.1 magdef=1)																									
CSKK	0.02	135.9	Pg	19:14:24.239	0.2					T__		48.1		---	ML	0.0	5513267	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	135.9	Lg	19:14:24.844	-0.4					T__				---		5513268	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.0 magdef=1)																									
(Station ML: 0.0 magdef=1)																									
MSW3	0.08	273.8	Lg	19:14:26.413	-0.3					T__				---		5513272	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW2	0.08	194.2	Lg	19:14:26.744	-0.1					T__				---		5513271	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		
2020/05/07	19:48:36.56	1.03	0.34	47.3775	18.2585	10.9	3.0	95	4.0f		6	3	173	0.01	0.08	ke	BUD	16000894	BUD					331

Magnitude	Err	Nsta	Author	OrigID
ML	0.2	0.0	3 BUD	16000894

Sta	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	174.7	Pg	19:48:37.813	0.2					T__		79.3		_c_	ML	0.2	5513327	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.01	174.7	Lg	19:48:38.465	-0.3					T__				---		5513326	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=1)																									
MSW1	0.02	1.1	Pg	19:48:37.817	0.2					T__		77.8		---	ML	0.2	5513324	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.02	1.1	Lg	19:48:38.409	-0.3					T__				---		5513325	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=1)																									
MSW2	0.08	203.3	Pg	19:48:38.829	0.2					T__		17.1		---	ML	-0.2	5513328	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	203.3	Lg	19:48:40.310	-0.3					T__				---		5513329	FDSN	HU	--	BUD	iLoc	HHE	???	_	

(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
2020/05/07	21:06:19.58	1.04	0.47	47.3745	18.2594	12.4	3.6	98	5.8f	6	3	177	0.01	0.08	ke	BUD	16000896	BUD				331

Magnitude	Err	Nsta	Author	OrigID
ML	0.2	0.2	3 BUD	16000896

Sta	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	176.4	Pg	21:06:21.199	0.3					T__		71.1		_c_	ML	0.2	5514211	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.01	176.4	Lg	21:06:21.758	-0.5					T__				---		5514212	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.2 magdef=1 (Station ML: 0.2 magdef=1																									
MSW1	0.02	359.0	Pg	21:06:21.209	0.3					T__		92.9		_c_	ML	0.3	5514214	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.02	359.0	Lg	21:06:21.879	-0.4					T__				---		5514213	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.3 magdef=1 (Station ML: 0.3 magdef=1																									
MSW2	0.08	204.6	Pg	21:06:21.977	0.2					T__		17.8		---	ML	-0.2	5514216	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	204.6	Lg	21:06:23.500	-0.2					T__				---		5514215	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	
2020/05/07	21:19:19.31	1.22	0.50	47.3781	18.2305	10.9	6.1	88	4.0f	5	3	222	0.02	0.08	ke	BUD	16000898	BUD					296

Magnitude	Err	Nsta	Author	OrigID
ML	-0.1	0.1	2 BUD	16000898

Sta	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	52.6	Pg	21:19:20.682	0.2					T__		41.7		_c_	ML	-0.0	5514264	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.02	52.6	Lg	21:19:21.278	-0.4					T__				---		5514265	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: -0.0 magdef=1 (Station ML: -0.0 magdef=1																									
CSKK	0.03	126.4	Pg	21:19:20.757	0.3					T__		29.5		---	ML	-0.2	5514263	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.03	126.4	Lg	21:19:21.278	-0.4					T__				---		5514262	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: -0.2 magdef=1 (Station ML: -0.2 magdef=1																									
MSW2	0.08	190.0	Lg	21:19:22.880	-0.3					T__				---		5514266	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	
2020/05/08	08:33:20.00	1.07	0.54	48.0000	19.4000				0.0	0.0	10	0	268	0.40	1.21	kx	BUD	16000900	BUD				
2020/05/08	08:33:19.55	0.90	0.97	47.9151	19.4088f				0.0f		11	6	156	0.13	0.95	kx	BUD_GT	16000901	BUD				246

(locality : Szanda Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	5 BUD	16000901

Sta	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	08:33:23.100	0.4					T__		3012.0		___	ML	2.1	5033497	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.13	95.0	Lg	08:33:24.900	-0.3					T__				---		5033504	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
HU10A	0.27	255.2	Pg	08:33:25.800	0.3					T__		720.8		___	ML	1.9	5033505	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.27	255.2	Lg	08:33:30.900	0.6					T__				---		5033506	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ET1H	0.31	96.4	Pg	08:33:26.300	-0.2					T__		82.8		___	ML	1.1	5033500	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
ET1H	0.31	96.4	Lg	08:33:31.500	-0.2					T__				---		5033501	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
PSZ	0.33	89.2	Pg	08:33:26.700	-0.3					T__		231.8		___	ML	1.6	5033498	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	89.2	Lg	08:33:32.500	-0.1					T__				---		5033499	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU01A	0.59	165.9	Lg	08:33:42.700	1.2					T__				---		5033506	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
JOS	0.95	52.0	Pg	08:33:38.700	0.2					T__		67.0		---	ML	1.9	5033502	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.95	52.0	Lg	08:33:50.200	-2.7					T__				---		5033503	FDSN	ZJ	--	BUD	iLoc	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
2020/05/08	08:38:40.21	0.78	1.33	47.6214	16.3666	3.4	2.8	14	0.0f		28	15	53	0.09	1.44	sx	BUD	16000902	BUD			75

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.4	8 BUD	16000902

Sta	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	328.8	Pg	08:38:41.669	-0.8					T__		13.6	0.12	___	i ML	-0.3	45532453	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.09	328.8	Lg	08:38:44.095	-0.0					T__		46.0	0.26	___	i ML	0.2	45532454	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=0)																									
SOP	0.14	64.4	Pg	08:38:42.693	-0.8					T__		223.8		___	ML	1.0	5515659	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	64.4	Lg	08:38:45.800	-0.1					T__		0.2		---	ML	-2.0	10054733	FDSN	IR	--	ISC	iLoc	???	???	_
SOP	0.14	64.4	Lg	08:38:45.800	-0.1					T__				---		5515660	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
A004A	0.34	3.4	Lg	08:38:54.073	1.9					T__				---		5515669	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CONA	0.46	312.2	Pg	08:38:48.977	-0.5					T__		67.3		---	ML	1.4	5515661	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.46	312.2	Lg	08:38:55.717	0.1					T__		7.0	0.36	___	e ML	0.4	45532450	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.46	312.2	Lg	08:38:55.717	0.1					T__				---		5515662	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
WINA	0.52	338.0	Pg	08:38:50.328	-0.3					T__		1.1	0.08	___	e ML	-0.2	45532455	FDSN	IR	--	ISC	iLoc	???	???	_
WINA	0.52	338.0	Lg	08:38:57.453	-0.4					T__		7.6	0.30	___	e ML	0.6	45532456	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
ARSA	0.68	237.4	Pg	08:38:53.245	-0.2					T__		49.5		---	ML	1.6	5515663	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	237.4	Lg	08:38:58.100	-3.9					T__		0.0		---		0.0	10054737	FDSN	IR	--	ISC	iLoc	???	???	_

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(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
EGYH 0.69 107.0 Lg 08:39:05.356 0.8 T__ --- 5515674 FDSN HU -- BUD iLoc HHZ ??? _
EGYH 0.69 107.0 Sg 08:39:06.800 2.3 T__ --- 10054738 FDSN IR -- ISC iLoc ??? ??? _
A262A 0.77 171.7 Lg 08:39:05.573 -0.1 T__ --- 5515670 FDSN Z3 00 BUD iLoc HHN ??? _
A018A 0.88 278.5 Lg 08:39:10.329 2.0 T__ --- 5515671 FDSN Z3 00 BUD iLoc HHN ??? _
A019A 0.89 259.0 Lg 08:39:11.645 2.8 T__ --- 5515672 FDSN Z3 00 BUD iLoc HH2 ??? _
MPLH 0.92 119.1 Lg 08:39:11.908 -0.2 T__ --- 5515673 FDSN HU -- BUD iLoc HHN ??? _
MODS 0.97 38.8 Pn 08:39:01.069 0.5 T__ 26784.3 --- ML 4.5 5515664 FDSN SK -- BUD iLoc HHZ HHZ _
MODS 0.97 38.8 Lg 08:39:13.549 -1.3 T__ 26.8 --- ML 1.5 10054740 FDSN IR -- ISC iLoc ??? ??? _
MODS 0.97 38.8 Lg 08:39:13.549 -1.3 T__ --- 5515665 FDSN SK -- BUD iLoc HHE ??? _

(Reading ML: 4.5 magdef=1
(Station ML: 4.5 magdef=0
KOGS 1.18 183.9 Lg 08:39:18.314 0.1 T__ --- 10054741 FDSN IR -- ISC iLoc ??? ??? _
KOGS 1.18 183.9 Lg 08:39:18.314 0.1 T__ --- 5515668 FDSN SL -- BUD iLoc BHE ??? _
MOA 1.44 279.9 Pn 08:39:07.466 0.1 T__ 2.7 0.28 ---e ML 0.7 45532451 FDSN IR -- ISC iLoc ??? ??? _
MOA 1.44 279.9 Lg 08:39:26.840 0.3 T__ 7.1 0.42 ---i ML 1.1 45532452 FDSN IR -- ISC iLoc ??? ??? _

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KRUC 1.44 0.7 Pn 08:39:06.089 -0.9 T__ 28.1 --- ML 1.8 5515666 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.44 0.7 Sn 08:39:26.018 -0.6 T__ --- 5515667 FDSN CZ -- BUD iLoc HHE ??? _

(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
2020/05/08 08:42:15.11 0.94 1.70 46.9761 17.2841 6.3 3.5 153 0.0f 10 8 146 0.10 1.21 sx BUD 16000904 BUD 187

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Magnitude Err Nsta Author OrigID
ML 2.2 0.9 3 BUD 16000904

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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 0.10 255.5 Pg 08:42:16.961 -0.8 T__ 15969.6 --- ML 2.8 5515705 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.10 255.5 Lg 08:42:20.591 0.7 T__ --- 5515706 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
MPLH 0.26 41.9 Pg 08:42:20.803 -0.2 T__ 290.3 --- ML 1.5 5515707 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.26 41.9 Lg 08:42:26.409 0.8 T__ --- 5515708 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
BEHE 0.62 214.8 Lg 08:42:38.802 2.4 T__ --- 5515709 FDSN HU -- BUD iLoc HHN ??? _
A265A 0.65 147.3 Lg 08:42:40.107 2.3 T__ --- 5515714 FDSN Z3 00 BUD iLoc HHN ??? _
CSKK 0.77 59.5 Lg 08:42:43.593 0.0 T__ --- 5515711 FDSN HU -- BUD iLoc HHN ??? _
A266A 0.81 123.4 Pg 08:42:30.638 -0.9 T__ 166.3 --- ML 2.2 5515710 FDSN Z3 00 BUD iLoc HHN HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KOVH 1.05 147.3 Lg 08:42:48.531 -2.5 T__ --- 5515712 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.21 128.6 Sn 08:42:55.011 -0.6 T__ --- 5515713 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
2020/05/10 11:46:08.06 0.77 1.23 47.7442 16.1021 3.2 2.8 48 11.1 5.3 45 23 80 0.14 2.34 sx BUD 16000906 BUD 110

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Magnitude Err Nsta Author OrigID
 ML 1.6 0.4 17 BUD 16000906

Sta	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	108.7	Pg	11:46:11.538	-0.2					T__		14.9	0.06	__i	ML	-0.1 45533090	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.14	108.7	Lg	11:46:13.798	-0.5					T__		18.1	0.10	__i	ML	-0.1 45533091	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: -0.1 magdef=1)																								
(Station ML: -0.1 magdef=0)																								
CONA	0.25	318.8	Pg	11:46:12.966	-0.6					T__		258.7		___	ML	1.4 5519668	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	318.8	Lg	11:46:16.644	-0.6					T__		0.3		___	ML	-1.5 10160558	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.25	318.8	Lg	11:46:16.644	-0.6					T__				---		5519669	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
SOP	0.31	101.0	Pg	11:46:14.682	-0.0					T__		141.9		___	ML	1.3 5519670	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.31	101.0	Lg	11:46:19.253	-0.0					T__				---		5519671	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
WINA	0.36	356.9	Pg	11:46:15.854	0.3					T__				___		45533092	FDSN	IR	--	ISC	iLoc	???	???	_
WINA	0.36	356.9	Lg	11:46:21.718	1.0					T__				___		45533093	FDSN	IR	--	ISC	iLoc	???	???	_
A260A	0.62	138.2	Pg	11:46:20.656	0.2					T__		207.1		___	ML	2.2 5519682	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.62	138.2	Lg	11:46:29.452	0.6					T__				---		5519683	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=0)																								
ARSA	0.63	218.7	Pg	11:46:19.969	-0.5					T__		81.5		___	ML	1.8 5519674	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.63	218.7	Lg	11:46:28.107	-0.4					T__		0.1		___	ML	-1.1 10160562	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.63	218.7	Lg	11:46:28.107	-0.4					T__				---		5519675	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
A005B	0.63	6.3	Lg	11:46:30.715	1.2					T__				---		5519684	FDSN	Z3	00	BUD	iLoc	HHE	???	_
A008A	0.69	334.4	Pg	11:46:21.636	0.2					T__		209.5		___	ML	2.2 5519685	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	334.4	Lg	11:46:30.808	-0.2					T__				---		5519686	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=0)																								
A019A	0.75	246.9	Pg	11:46:22.866	0.0					T__		44.6		___	ML	1.6 5519687	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	0.75	246.9	Lg	11:46:33.111	0.6					T__				---		5519688	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
A006A	1.00	356.9	Lg	11:46:40.251	-1.0					T__				---		5519689	FDSN	Z3	00	BUD	iLoc	HHE	???	_
MODS	1.01	50.9	Pg	11:46:27.921	-0.3					T__		38444.0		___	ML	4.6 5519676	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	1.01	50.9	Lg	11:46:41.947	-1.1					T__		38.4		___	ML	1.6 10160564	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	1.01	50.9	Lg	11:46:41.947	-1.1					T__				---		5519677	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 4.6 magdef=1)																								
(Station ML: 4.6 magdef=0)																								
A001A	1.04	18.2	Pg	11:46:28.595	0.2					T__		61.8		___	ML	1.9 5519692	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	1.04	18.2	Lg	11:46:43.491	0.7					T__				---		5519693	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
A007A	1.05	338.7	Pg	11:46:27.647	-0.5					T__		60.5		___	ML	1.9 5519690	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A007A	1.05	338.7	Lg	11:46:41.251	-1.3					T__				---		5519691	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
MOA	1.24	275.5	Pg	11:46:31.865	0.1					T__		0.7	0.08	__i	ML	0.0 45533088	FDSN	IR	--	ISC	iLoc	???	???	_

MOA	1.24	275.5	Sn	11:46:48.658	1.0	T__	3.2	0.30	_i ML	0.7	45533089	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.7 magdef=1)																			
(Station ML: 0.7 magdef=1)																			
KRUC	1.33	8.3	Pn	11:46:32.584	0.6	T__	47.5		___ ML	1.9	5519672	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.33	8.3	Sn	11:46:50.282	0.6	T__			___		5519673	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
VRAC	1.60	11.6	Pn	11:46:36.679	0.9	T__	28.0		___ ML	1.8	5519678	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.60	11.6	Sn	11:46:57.308	1.1	T__			___		5519679	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
TREC	1.60	345.5	Pn	11:46:37.400	1.5	T__			__e		46288549	FDSN	IR	--	ISC	iLoc	???	???	_
TREC	1.60	345.5	Sn	11:46:58.802	2.6	T__			___		5519680	FDSN	CZ	--	BUD	iLoc	HHE	???	_
CKRC	1.61	312.6	Pn	11:46:37.200	1.3	T__			__e		46288546	FDSN	IR	--	ISC	iLoc	???	???	_
CKRC	1.61	312.6	Sn	11:46:58.144	1.3	T__			___		10160567	FDSN	IR	--	ISC	iLoc	???	???	_
CKRC	1.61	312.6	Sn	11:46:58.144	1.3	T__			___		5519681	FDSN	CZ	--	BUD	iLoc	HHN	???	_
BIOA	1.66	269.1	Pn	11:46:38.389	1.2	T__	0.8	0.18	_i ML	0.3	45533081	FDSN	IR	--	ISC	iLoc	???	???	_
BIOA	1.66	269.1	Lg	11:47:00.655	-0.4	T__	4.2	0.32	_e ML	1.0	45533082	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
KBA	1.99	251.4	Pn	11:46:41.845	-0.3	T__	1.1	0.26	_e ML	0.6	45533085	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	1.99	251.4	Sn	11:47:07.606	0.8	T__	1.0	0.36	_e ML	0.6	45533086	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.6 magdef=1)																			
(Station ML: 0.6 magdef=0)																			
ZVC	2.12	323.9	Lg	11:47:12.900	-2.1	T__			__e		46288551	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.18	310.5	Sn	11:47:15.100	4.1	T__	3.8	0.40	_e ML	1.3	46288548	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
LESA	2.34	263.4	Sn	11:47:17.647	3.0	T__	0.5	0.24	_e ML	0.5	45533087	FDSN	IR	--	ISC	iLoc	???	???	_
(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
2020/05/11	08:58:41.15	0.99	0.81	48.4846	17.5436	6.3	3.6	136	0.0f		9	5	144	0.21	1.26	sx	BUD	16000908	BUD		225	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.5	4 BUD	16000908

Sta	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	238.0	Pg	08:58:45.557	-0.4					T__	364202.9			___	ML	4.4	5520897	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.21	238.0	Lg	08:58:49.157	-0.7					T__				___		5520898	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 4.4 magdef=1)																									
(Station ML: 4.4 magdef=1)																									
JAVC	0.38	12.6	Pg	08:58:49.112	-0.3					T__	98.3			___	ML	1.4	5520899	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.38	12.6	Lg	08:58:55.283	-0.5					T__				___		5520900	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A335A	0.53	93.8	Lg	08:59:00.942	0.6					T__				___		5520905	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	0.95	307.7	Pg	08:58:59.752	0.3					T__	44.3			___	ML	1.7	5520904	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.95	307.7	Lg	08:59:14.036	0.5					T__				___		5520903	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

CONA 1.26 244.3 Pn 08:59:05.639 -0.0 T__ 63.6 ___ ML 2.0 5520901 FDSN OE -- BUD iLoc HHZ HHZ _
 CONA 1.26 244.3 Lg 08:59:23.498 1.5 T__ ___ 5520902 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
2020/05/11	09:09:40.62	1.26	0.55	48.5942	20.7947	7.2	6.0	163	0.0f	8	5	137	0.20	0.87	sx	BUD	16000910	BUD			253	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	16000910

Sta	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	240.0	Pg	09:09:44.771	0.0					T__		377.6		___	ML	1.4	5520945	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	240.0	Lg	09:09:48.263	0.3					T__				---		5520946	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
KECS	0.23	241.7	Pg	09:09:45.267	-0.2					T__		1156.3		___	ML	2.0	5520941	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.23	241.7	Lg	09:09:49.287	0.0					T__				---		5520942	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
ABAH	0.42	135.0	Lg	09:09:55.985	-0.5					T__				---		5520943	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.51	200.9	Pg	09:09:51.944	0.7					T__		57.1		___	ML	1.5	5520947	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.51	200.9	Lg	09:09:58.608	-0.8					T__				---		5520948	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
STHS	0.87	19.6	Lg	09:10:09.974	0.1					T__				---		5520944	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		
2020/05/11	09:19:00.73	1.51	0.33	47.7161	18.8723				0.0	0.0	6	0	328	0.16	1.36	kx	BUD	16000912	BUD					
2020/05/11	09:19:01.81	0.98	0.44	47.7791	19.0372f				0.0f		6	3	277	0.07	1.24	kx	BUD_GT	16000913	BUD			342		
(locality : Dunabogdány Hungary) (description : known quarry blast) (GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	3 BUD	16000913

Sta	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	09:19:03.874	0.2					T__		2861.6		___	ML	1.9	5038885	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_
HU10A	0.07	349.3	Lg	09:19:05.152	-0.3					T__				---		5038886	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
HU03A	0.40	71.6	Pg	09:19:10.444	0.0					T__		132.2		___	ML	1.5	5038884	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.40	71.6	Lg	09:19:17.268	0.5					T__				---		5038889	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
JOS	1.24	54.0	Pg	09:19:26.178	-0.1					T__		37.3		___	ML	1.8	5038887	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.24	54.0	Lg	09:19:44.462	-0.8					T__				---		5038888	FDSN	ZJ	--	BUD	iLoc	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
2020/05/12	07:25:57.87	2.31	0.35	47.8455	19.8817	6.0	3.4	144	0.2	3.4	11	7	136	0.07	1.02	sx	BUD	16000914	BUD		224	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	4 BUD	16000914

Sta	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	0.07	6.7	Pg	07:25:59.932	-0.2					T__		5970.1		___	ML	2.3	5521046	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.07	6.7	Lg	07:26:02.095	-0.0					T__				---		5521047	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
HU03A	0.20	287.2	Pg	07:26:02.277	-0.1					T__		824.4		___	ML	1.8	5521052	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.20	287.2	Lg	07:26:05.916	0.1					T__				---		5521053	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.51	57.1	Pg	07:26:08.736	0.0					T__		109.1		___	ML	1.8	5521048	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.51	57.1	Lg	07:26:16.576	-0.5					T__				---		5521055	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU01A	0.53	199.5	Lg	07:26:17.725	-0.0					T__				---		5521056	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
KECS	0.76	32.1	Lg	07:26:24.537	0.2					T__				---		5521050	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.79	33.8	Pg	07:26:14.104	0.6					T__		105.6		---	ML	2.0	5521054	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.79	33.8	Lg	07:26:25.662	0.3					T__				---		5521049	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ABAH	1.02	63.2	Lg	07:26:33.557	-0.3					T__				---		5521051	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
2020/05/12	08:06:04.08	0.57	0.37	47.6677	19.0829				0.0	0.0	8	0	169	0.18	1.40	kx	BUD	16000916	BUD			
2020/05/12	08:06:03.55	0.99	2.57	47.8355	19.1270f				0.0f		8	6	131	0.07	1.35	kx	BUD_GT	16000917	BUD			197

(locality : Sejce-Vác Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	3 BUD	16000917

Sta	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	08:06:07.276	1.7					T__		1549.1		___	ML	1.7	5039015	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.52	80.6	Pg	08:06:15.569	0.6					T__		58.8		---	ML	1.5	5039018	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	08:06:23.916	0.6					T__				---		5039016	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU01A	0.59	145.6	Lg	08:06:19.404	-6.3					T__				---		5039019	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.5	Lg	08:06:38.853	-0.5					T__				---		5039017	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	1.15	54.5	Pg	08:06:27.607	1.2					T__		36.9		---	ML	1.7	5039020	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.5	Sn	08:06:44.454	1.0					T__				---		5039021	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

(Station ML: 1.7 magdef=1
 MODS 1.35 294.2 Sn 08:06:48.949 -0.1 T__ --- 5039022 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
 2020/05/12 09:18:35.58 2.25 0.40 48.5680 20.8190 14.8 6.2 20 0.0f 8 5 244 0.20 0.90 sx BUD 16000918 BUD 314

Magnitude Err Nsta Author OrigID
 ML 1.2 0.1 3 BUD 16000918

Sta	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	248.9	Pg	09:18:39.687	-0.1					T__		182.2		---	ML	1.1	5521134	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	248.9	Lg	09:18:43.686	0.6					T__				---		5521135	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1)																									
KECS	0.24	249.2	Pg	09:18:40.260	-0.3					T__		623.7		---	ML	1.8	5521140	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.24	249.2	Lg	09:18:44.496	0.1					T__				---		5521136	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
ABAH	0.39	134.0	Lg	09:18:50.657	0.2					T__				---		5521141	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.49	203.8	Pg	09:18:46.018	0.1					T__		33.1		---	ML	1.2	5521137	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	203.8	Lg	09:18:53.295	-0.5					T__				---		5521138	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																									
PSZ	0.90	223.9	Lg	09:19:07.795	-0.1					T__				---		5521139	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
 2020/05/12 10:21:19.24 1.29 1.33 48.8341 21.3824 11.3 5.5 152 11.4 25.4 10 6 197 0.55 1.35 sx BUD 16000920 BUD 310

Magnitude Err Nsta Author OrigID
 ML 1.8 0.1 5 BUD 16000920

Sta	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	190.0	Pg	10:21:30.691	0.5					T__		100.7		---	ML	1.8	5521176	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.55	190.0	Lg	10:21:37.351	-1.2					T__				---		5521174	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
JOS	0.65	239.1	Pg	10:21:32.664	0.4					T__		77.3		---	ML	1.8	5521169	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	239.1	Sn	10:21:46.395	1.7					T__				---		5521175	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
KECS	0.69	239.8	Pg	10:21:33.075	0.0					T__		200.6		---	ML	2.2	5521170	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0)																									
STZU	0.84	77.0	Pg	10:21:35.230	0.1					T__				---		5521173	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
HU02A	0.91	219.0	Pn	10:21:35.338	-1.7					T__		48.7		---	ML	1.7	5521171	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.91	219.0	Lg	10:21:50.510	-0.3					T__				---		5521172	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0)																									
PSZ	1.35	227.8	Pn	10:21:44.618	1.4					T__		68.5		---	ML	2.1	5521177	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.35	227.8	Lg	10:22:04.791	-1.0					T__				---		5521178	FDSN	GE	--	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
2020/05/12	10:29:18.35	3.75	0.35	48.4740	20.8726	24.0	7.3	65	0.0f	6	3	297	0.22	0.42	sx	BUD	16000922	BUD				356

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.5	3 BUD	16000922

Sta	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	0.22	275.7	Pg	10:29:23.141	0.1					T__		204.3		___	ML	1.2	5521204	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.22	275.7	Lg	10:29:26.481	-0.1					T__				---		5521205	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
KECS	0.26	272.2	Pg	10:29:23.614	-0.1					T__		396.8		___	ML	1.6	5521206	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.26	272.2	Lg	10:29:27.728	-0.1					T__				---		5521207	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
HU02A	0.42	213.5	Pg	10:29:27.178	-0.2					T__		27.4		___	ML	0.9	5521208	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	213.5	Lg	10:29:34.815	0.5					T__				---		5521209	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
2020/05/13	07:51:48.95	3.43	0.38	45.8866	18.4120	25.1	6.4	170	1.0f	6	4	286	0.30	0.69	sx	BUD	16000924	BUD				321

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.8	4 BUD	16000924

Sta	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	0.30	313.0	Pg	07:51:55.249	0.1					T__		72.0		___	ML	1.0	5522475	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.30	313.0	Lg	07:51:59.202	-0.4					T__				---		5522476	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
MORH	0.37	26.1	Pg	07:51:56.301	-0.1					T__		59.6		___	ML	1.1	5522472	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.37	26.1	Lg	07:52:02.331	0.3					T__				---		5522473	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
A266A	0.65	351.0	Pg	07:52:01.980	0.0					T__		146.0		___	ML	2.0	5522477	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
A265A	0.69	321.7	Pn	07:52:04.693	0.4					T__		256.7		___	ML	2.3	5522474	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(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
2020/05/13	08:11:40.94	1.90	0.50	48.0374	20.6979	11.7	6.2	151	0.0f	7	5	203	0.14	0.55	sx	BUD	16000926	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	
HU02A	0.14	306.3	Pg	08:11:44.524	0.0					T__		1009.3		---	ML	1.7	5522505	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.14	306.3	Lg	08:11:46.909	-0.6					T__				---		5522506	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.45	54.3	Lg	08:11:57.349	-0.6					T__				---		5522507	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KECS	0.47	342.4	Lg	08:11:57.885	0.1					T__				---		5522504	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.47	347.1	Pg	08:11:50.885	0.4					T__		53.0		---	ML	1.3	5522502	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	347.1	Lg	08:11:57.423	-0.4					T__				---		5522503	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
PSZ	0.55	257.9	Lg	08:12:01.819	0.1					T__				---		5522508	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
2020/05/13	08:32:30.35	1.82	1.39	48.5761	21.4291	12.0	6.0	28	10.0f		8	5	248	0.31	0.75	ke	BUD	16000928	BUD			301

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	16000928

Sta	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	0.31	204.3	Pg	08:32:38.327	1.6					T__		239.9		---	ML	1.5	5522531	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.31	204.3	Lg	08:32:40.680	-1.4					T__				---		5522536	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.60	262.6	Pg	08:32:42.531	0.3					T__		43.5		---	ML	1.5	5522534	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	262.6	Lg	08:32:51.775	0.9					T__				---		5522535	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.63	261.9	Lg	08:32:52.096	0.0					T__				---		5522538	FDSN	SK	--	BUD	iLoc	EHE	???	_	
HU07A	0.68	151.3	Pg	08:32:43.520	-0.2					T__		411.0		---	ML	2.5	5522537	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
HU02A	0.75	233.4	Pg	08:32:44.427	-1.4					T__		54.2		---	ML	1.7	5522532	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.75	233.4	Lg	08:32:55.311	-1.5					T__				---		5522533	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
2020/05/13	09:55:19.58	2.59	0.52	48.9130	21.0223	20.8	7.9	163	0.0f		8	5	224	0.53	1.06	sx	BUD	16000930	BUD			306

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	4 BUD	16000930

Sta	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	217.6	Pg	09:55:30.186	0.1					T__		94.9		---	ML	1.7	5522592	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	217.6	Lg	09:55:37.823	-0.2					T__				---		5522593	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.56	219.8	Pg	09:55:30.642	-0.1					T__		154.7		---	ML	2.0	5522594	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.56	219.8	Lg	09:55:38.517	-0.6					T__				---		5522595	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ABAH	0.63	166.8	Pg	09:55:32.108	-0.1					T__		98.9		---	ML	1.8	5522597	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

HU02A	0.86	202.9	Pg	09:55:37.810	0.6	T__	62.6	___	ML	1.8	5522596	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.86	202.9	Lg	09:55:51.079	0.7	T__		---			5522598	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
				(Reading ML: 1.8 magdef=1)															
				(Station ML: 1.8 magdef=1)															
STZU	1.06	83.8	Lg	09:55:55.493	-0.1	T__		---			5522599	FDSN	UA	--	BUD	iLoc	MHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/05/13	10:26:15.48	0.83	1.10	46.8207	17.2949	6.7	3.4	74	0.0f		12	8	147	0.17	1.11	sx	BUD	16000932	BUD		186	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	6 BUD	16000932

Sta	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	322.7	Pg	10:26:19.764	0.3					T__		857.0		___	ML	1.7	5522657	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.17	322.7	Lg	10:26:23.017	0.4					T__				---		5522658	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
A263A	0.18	175.6	Pg	10:26:20.938	1.2					T__		478.4		___	ML	1.5	5522661	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.18	175.6	Lg	10:26:21.813	-1.2					T__				---		5522659	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
MPLH	0.39	25.5	Pg	10:26:25.189	1.4					T__		69.4		___	ML	1.2	5522662	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
MPLH	0.39	25.5	Lg	10:26:29.047	-1.2					T__				---		5522656	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=0)																					
EGYH	0.60	2.4	Pn	10:26:31.041	-0.2					T__		187.4		___	ML	2.1	5522660	FDSN	HU	--	BUD	iLoc	HNN	HHZ	_
EGYH	0.60	2.4	Sn	10:26:40.001	-1.6					T__				---		5522655	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=0)																					
A266A	0.73	113.5	Lg	10:26:41.290	0.1					T__				---		5522663	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
CSKK	0.85	50.2	Pn	10:26:34.568	0.9					T__		97.7		___	ML	2.0	5522664	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
KOVH	0.92	142.5	Pg	10:26:33.335	-0.8					T__		39.6		___	ML	1.6	5522665	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
MORH	1.11	122.6	Sn	10:26:52.862	-0.7					T__				---		5522666	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	
2020/05/14	05:20:56.50	2.71	1.26	47.2983	18.3657	9.4	5.2	84	0.1		3.8	7	6	111	0.10	1.22	ke	BUD	16000934	BUD		168	

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	0.10	312.2	Pg	05:20:59.060	-0.0					T__		1135.1		___	ML	1.6	5522713	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	312.2	Lg	05:21:00.446	-1.1					T__				---		5522714	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU09A	0.34	1.9	Lg	05:21:10.376	0.5					T__				---		5522715	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MPLH	0.58	257.5	Lg	05:21:18.126	0.9					T__				---		5522716	FDSN	HU	--	BUD	iLoc	HNN	???	_	
MORH	1.10	169.9	Lg	05:21:33.809	-0.5					T__				---		5522717	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.21	58.5	Sn	05:21:38.957	0.8					T__				---		5522718	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			
2020/05/14	07:31:52.99	1.58	1.74	47.3472	18.4710	8.8	5.4	81	0.0f	8	7	115	0.14	1.20	sx	BUD	16000936	BUD			195				
Magnitude Err Nsta Author OrigID CSKK 0.14 276.4 Pg 07:31:56.080 -0.4 T__ 2312.5 ___ ML 2.1 5522752 FDSN HU -- BUD iLoc HHZ HHZ _ CSKK 0.14 276.4 Lg 07:31:58.035 -1.7 T__ 5522753 FDSN HU -- BUD iLoc HHE ??? _ HU09A 0.30 348.4 Lg 07:32:05.473 0.5 T__ 5522751 FDSN ZJ 00 BUD iLoc HHN ??? _ HU08A 0.38 283.0 Lg 07:32:07.267 -0.4 T__ 5522755 FDSN ZJ 00 BUD iLoc HHE ??? _ MPLH 0.66 254.7 Lg 07:32:17.977 1.5 T__ 5522756 FDSN HU -- BUD iLoc HHE ??? _ PSZ 1.12 58.8 Sn 07:32:34.115 1.5 T__ 5522757 FDSN GE -- BUD iLoc HHE ??? _ MORH 1.14 174.0 Lg 07:32:31.929 -0.2 T__ 5522754 FDSN HU -- BUD iLoc HHN ??? _ A260A 1.20 267.6 Lg 07:32:35.625 2.7 T__ 5522758 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			
2020/05/14	08:29:18.09	0.36	1.69	46.8726	17.2562				0.0	0.0	14	0	147	0.11	1.08	kx	BUD	16000938	BUD						
2020/05/14	08:29:16.13	0.89	1.42	46.8548	17.2699f				0.0f		14	9	147	0.13	1.09	kx	BUD_GT	16000939	BUD			204			
(locality : Várkölygy Hungary) (description : known quarry blast) (GT info : GT2 explosion) Magnitude Err Nsta Author OrigID ML 2.5 0.1 6 BUD 16000939																									
Sta	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	08:29:19.167	-0.2					T__	12684.8			___	ML	2.8	5040793	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	319.5	Lg	08:29:22.934	0.9					T__				___		5040800	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1																									
A263A	0.22	171.8	Pg	08:29:22.965	1.9					T__	3499.0			___	ML	2.4	5040803	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.22	171.8	Lg	08:29:25.830	1.0					T__				___		5040796	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0																									
MPLH	0.37	30.2	Pg	08:29:21.417	-2.6					T__	1609.7			___	ML	2.5	5040791	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.37	30.2	Lg	08:29:28.424	-1.7					T__				___		5040801	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																									
TIH	0.43	83.7	Pg	08:29:23.744	-1.4					T__	2028.3			___	ML	2.8	5040792	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=0																									
EGYH	0.56	4.3	Pg	08:29:28.667	0.8					T__	491.7			___	ML	2.5	5040804	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.56	4.3	Lg	08:29:36.591	-0.1					T__				___		5040795	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																									
A266A	0.76	115.3	Pg	08:29:31.631	0.1					T__	338.7			___	ML	2.5	5040797	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.76	115.3	Lg	08:29:45.498	2.7					T__				___		5040794	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																									

A267A	0.84	83.3	Lg	08:29:45.331	-1.1	T__	---	5040802	FDSN	Z3	00	BUD	iLoc	HHE	???	_
CSKK	0.85	52.7	Lg	08:29:46.877	-0.4	T__	---	5040798	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU09A	1.09	43.6	Sn	08:29:54.356	0.1	T__	---	5040799	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
2020/05/14	09:19:11.81	0.48	0.71	48.3234	21.2244				0.0	0.0	8	0	171	0.03	0.98	kx	BUD	16000940	BUD			
2020/05/14	09:19:09.92	1.01	0.55	48.2470	21.2460f				0.0f		8	6	153	0.05	0.96	kx	BUD_GT	16000941	BUD			255

(locality : Tállya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	16000941

Sta	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	09:19:11.833	0.3					T__		4413.8		---	ML	2.1	5522925	FDSN	HU	--	iLoc	BUD	HHE	HHZ	_
HU02A	0.50	255.8	Pg	09:19:20.297	-0.2					T__		50.6		---	ML	1.4	5522928	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:19:28.467	-0.1					T__				---		5522931	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
JOS	0.53	298.1	Pg	09:19:21.058	0.4					T__		56.5		---	ML	1.5	5522926	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
KECS	0.56	295.3	Pg	09:19:21.563	0.4					T__		75.4		---	ML	1.7	5522927	FDSN	SK	--	iLoc	BUD	EHE	EHZ	_
KECS	0.56	295.3	Lg	09:19:28.564	-1.2					T__				---		5522932	FDSN	SK	--	iLoc	BUD	EHN	???	_	
TRPA	0.87	97.2	Lg	09:19:41.626	0.2					T__				---		5522930	FDSN	HU	--	iLoc	BUD	HHN	???	_	
PSZ	0.96	250.6	Lg	09:19:44.273	-0.4					T__				---		5522929	FDSN	GE	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/05/14	15:59:39.30	1.24	0.63	47.5404	16.3842	8.5	4.7	138	0.0f		15	9	204	0.17	1.52	sx	BUD	16000942	BUD			224	

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.8	7 BUD	16000942

Sta	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	339.6	Pg	15:59:42.616	-0.4					T__		46.3	0.28	__e	ML	0.4	45534068	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.17	339.6	Lg	15:59:44.754	-1.0					T__		46.2	0.24	__e	ML	0.4	45534069	FDSN	IR	--	ISC	iLoc	???	???	_
SOP	0.19	39.4	Pg	15:59:43.623	0.2					T__		152.3		---	ML	1.0	5522961	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.19	39.4	Lg	15:59:46.735	0.4					T__				---		5522962	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CONA	0.52	317.9	Pg	15:59:49.963	0.2					T__		1.8	0.24	__e	ML	0.0	45534066	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.52	317.9	Lg	15:59:57.360	0.5					T__		8.4	0.38	__e	ML	0.7	45534067	FDSN	IR	--	ISC	iLoc	???	???	_

(Reading ML: 0.7 magdef=1)

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(Station ML: 0.7 magdef=1
ARSA 0.65 243.9 Pg 15:59:52.437 0.5 T__ 0.7 0.22 __e ML -0.3 45534064 FDSN IR -- ISC iLoc ??? ??? _
ARSA 0.65 243.9 Lg 15:59:59.316 -0.9 T__ 2.1 0.24 __e ML 0.2 45534065 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=0
A013A 0.84 308.8 Pg 15:59:55.882 0.3 T__ 114.9 ___ ML 2.0 5522963 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.84 308.8 Lg 16:00:07.261 0.8 T__ ___ 5522964 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
A019A 0.89 264.3 Pg 15:59:56.348 -0.2 T__ 54.8 ___ ML 1.7 5522965 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 1.03 35.4 Pn 16:00:01.109 0.7 T__ ___ 5522959 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.03 35.4 Sn 16:00:16.068 0.1 T__ ___ 5522960 FDSN SK -- BUD iLoc HHE ??? _
A007A 1.31 334.3 Pn 16:00:04.709 0.3 T__ 62.4 ___ ML 2.0 5522966 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KRUC 1.52 0.3 Pn 16:00:06.500 -0.7 T__ __e 37698875 FDSN IR -- ISC iLoc ??? ??? _

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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
2020/05/14 18:55:27.69 0.93 1.15 47.3930 18.5252 4.3 4.0 152 2.0f 12 9 101 0.18 1.75 ke BUD 16000944 BUD 134

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Magnitude Err Nsta Author OrigID
ML 1.3 0.1 5 BUD 16000944

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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 0.18 260.7 Pg 18:55:31.842 0.2 T__ 284.5 ___ ML 1.3 5523020 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.18 260.7 Lg 18:55:34.780 -0.2 T__ ___ 5523021 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU09A 0.26 338.6 Pg 18:55:33.328 0.2 T__ 151.9 ___ ML 1.2 5523026 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
BUD 0.35 74.8 Lg 18:55:40.521 -0.3 T__ ___ 5523027 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.41 275.6 Pg 18:55:36.438 0.4 T__ 46.6 ___ ML 1.1 5523024 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.41 275.6 Lg 18:55:41.169 -1.4 T__ ___ 5523028 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
A267A 0.45 183.8 Pg 18:55:36.902 0.2 T__ 97.7 ___ ML 1.5 5523022 FDSN Z3 00 BUD iLoc HHZ HHZ _
A267A 0.45 183.8 Lg 18:55:43.131 -0.8 T__ ___ 5523023 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MPLH 0.71 252.0 Lg 18:55:52.600 0.6 T__ ___ 5523029 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.06 59.9 Sn 18:56:04.243 -0.8 T__ ___ 5523025 FDSN GE -- BUD iLoc HHE ??? _
MORH 1.18 176.0 Pn 18:55:50.121 0.4 T__ 29.8 ___ ML 1.6 5523031 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
JDS 1.75 50.1 Sn 18:56:23.774 2.8 T__ ___ 5523030 FDSN ZJ -- 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

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2020/05/15 08:22:24.88 0.36 0.81 47.7838 19.3378 0.0 0.0 13 0 145 0.21 1.50 kx BUD 16000946 BUD
 2020/05/15 08:22:23.99 0.88 2.11 47.8920 19.4049f 0.0f 13 9 127 0.13 1.50 kx BUD_GT 16000947 BUD 174
 (locality : Bercel Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 6 BUD 16000947

Sta	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	08:22:28.707	1.5					T__		1726.2		---	ML	1.9 5523071	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU03A	0.13	84.8	Lg	08:22:29.852	0.1					T__				---		5523072	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
HU10A	0.26	259.9	Lg	08:22:32.171	-2.3					T__				---		5523078	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
PSZ	0.33	85.2	Pg	08:22:31.947	0.5					T__		210.9		---	ML	1.5 5523068	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.33	85.2	Lg	08:22:37.791	0.6					T__				---		5523069	FDSN	GE	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
BUD	0.48	212.3	Lg	08:22:36.318	-6.0					T__				---		5523080	FDSN	HU	--	iLoc	BUD	HHE	???	_
HU02A	0.79	72.6	Pg	08:22:41.358	1.0					T__		77.9		---	ML	1.8 5523079	FDSN	ZJ	00	iLoc	BUD	HHE	HHZ	_
HU02A	0.79	72.6	Lg	08:22:54.834	2.1					T__				---		5523073	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
A335A	0.91	308.2	Pg	08:22:42.173	-0.2					T__		96.6		---	ML	2.0 5523074	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
KECS	0.93	50.3	Pn	08:22:44.737	1.5					T__		123.9		---	ML	2.1 5523077	FDSN	SK	--	iLoc	BUD	EHN	EHZ	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=0)																								
JOS	0.97	51.1	Pn	08:22:44.631	0.9					T__		69.2		---	ML	1.9 5523070	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.97	51.1	Sn	08:22:59.982	0.6					T__				---		5523076	FDSN	ZJ	--	iLoc	BUD	HHZ	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
MODS	1.50	289.5	Sn	08:23:12.673	-0.5					T__				---		5523075	FDSN	SK	--	iLoc	BUD	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2020/05/16 08:58:34.76 0.55 0.86 46.1151 18.3495 0.0 0.0 9 0 197 0.18 1.19 kx BUD 16000948 BUD
 2020/05/16 08:58:33.69 0.94 1.13 46.1765 18.2926f 0.0f 9 6 155 0.16 1.12 kx BUD_GT 16000949 BUD 239
 (locality : Komló Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.6 0.1 3 BUD 16000949

Sta	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	08:58:36.917	-0.6					T__		681.9		---	ML	1.6 5523113	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:58:39.887	-0.7					T__				---		5523114	FDSN	HU	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
MORH	0.25	80.9	Pg	08:58:38.971	-0.2					T__		193.4		---	ML	1.3 5523111	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_

MORH	0.25	80.9	Lg	08:58:42.664	-1.0	T__									5523112	FDSN	HU	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=1)																							
A266A	0.35	356.8	Pg	08:58:41.730	0.5	T__	253.4								5523117	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
A266A	0.35	356.8	Lg	08:58:47.298	0.2	T__									5523115	FDSN	Z3	00	iLoc	BUD	HHE	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
A265A	0.42	305.9	Lg	08:58:50.576	1.3	T__									5523118	FDSN	Z3	00	iLoc	BUD	HHN	???	_
A264A	0.70	269.0	Lg	08:58:59.876	2.2	T__									5523119	FDSN	Z3	00	iLoc	BUD	HHE	???	_
MPLH	1.12	332.7	Sn	08:59:13.398	1.1	T__									5523116	FDSN	HU	--	iLoc	BUD	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/05/16	19:27:30.27	0.99	1.01	48.6771	19.1200	15.3	6.2	14	7.5	20.8	9	5	173	0.45	1.09	ke	BUD	16000950	BUD		314	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	4 BUD	16000950

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A332A	0.45	286.6	Pg	19:27:39.619	0.1					T__		52.7			ML	1.3	5523150	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A332A	0.45	286.6	Lg	19:27:45.461	-0.5					T__						5523151	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.92	145.5	Pn	19:27:49.917	1.2					T__		62.6			ML	1.8	5523148	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.92	145.5	Lg	19:28:02.157	-0.5					T__						5523149	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.93	101.6	Lg	19:28:00.880	-0.7					T__						5523152	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.96	100.4	Pg	19:27:49.551	0.4					T__		57.1			ML	1.8	5523145	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.96	100.4	Lg	19:28:02.100	-0.4					T__						5523146	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	1.09	120.1	Pn	19:27:52.273	1.3					T__		47.9			ML	1.8	5523147	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.09	120.1	Sn	19:28:06.593	-0.9					T__						5523153	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	
2020/05/18	08:39:54.72	0.67	0.58	48.0027	18.8492				0.0	0.0	8	0	183	0.19	1.23	kx	BUD	16000952	BUD				
2020/05/18	08:39:57.09	0.96	1.22	47.8355	19.1270f				0.0f		7	5	197	0.07	1.15	kx	BUD_GT	16000953	BUD			333	

(locality : Sejce-Vác Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.8	3 BUD	16000953

Sta	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	08:39:59.401	0.3					T__		2941.2			ML	2.0	5041117	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	08:40:00.670	-0.3					T__						5041118	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									

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(Station ML: 2.0 magdef=1
HU03A 0.33 77.7 Pg 08:40:04.097 -0.1 T__ 160.2 --- ML 1.4 5041120 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.33 77.7 Lg 08:40:10.628 1.1 T__ --- 5041121 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.52 80.6 Lg 08:40:16.509 -0.4 T__ --- 5041116 FDSN GE -- BUD iLoc HHE ??? _
SR0 0.55 268.0 Pg 08:40:02.250 -6.1 --- 590.8 --- ML 2.6 5041119 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
HU02A 0.98 72.5 Lg 08:40:31.629 -1.3 T__ --- 5041115 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 1.15 54.5 Sn 08:40:34.612 -2.4 T__ --- 5041114 FDSN ZJ -- BUD iLoc 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
2020/05/18 08:59:29.10 1.21 1.00 47.5434 16.3524 6.8 5.1 169 0.0f 14 10 128 0.16 1.52 sx BUD 16000954 BUD 198

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Magnitude Err Nsta Author OrigID
ML 1.6 0.2 5 BUD 16000954

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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 0.16 346.4 Pg 08:59:32.280 -0.4 T__ 6.2 0.10 __e ML -0.5 45535093 FDSN IR -- ISC iLoc ??? ??? _
RONA 0.16 346.4 Lg 08:59:34.433 -0.8 T__ 58.0 0.26 __e ML 0.5 45535094 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=0
SOP 0.20 44.8 Pg 08:59:33.295 -0.1 T__ 159.1 --- ML 1.1 5523281 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.20 44.8 Lg 08:59:36.047 -0.5 T__ --- 5523282 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A004A 0.42 4.1 Lg 08:59:44.766 1.1 T__ --- 5523287 FDSN Z3 00 BUD iLoc HHE ??? _
CONA 0.51 319.5 Pg 08:59:39.041 -0.2 T__ 72.9 --- ML 1.6 5523284 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.51 319.5 Lg 08:59:46.320 0.2 T__ --- 5523280 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
WINA 0.59 341.7 Pg 08:59:40.755 -0.1 T__ 0.5 0.10 __i ML -0.5 45535095 FDSN IR -- ISC iLoc ??? ??? _
WINA 0.59 341.7 Lg 08:59:49.428 0.4 T__ 23502.7 0.02 __i ML 4.2 45535096 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 4.2 magdef=1
(Station ML: 4.2 magdef=0
ARSA 0.63 242.8 Lg 08:59:49.261 -0.2 T__ --- 5523286 FDSN OE -- BUD iLoc HHE ??? _
A013A 0.82 309.6 Lg 08:59:56.648 1.0 T__ --- 5523285 FDSN Z3 00 BUD iLoc HHE ??? _
MPLH 0.89 114.4 Pn 08:59:50.426 2.4 T__ 55.3 --- ML 1.7 5523288 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 1.04 36.5 Sn 09:00:05.014 -1.0 T__ --- 5523283 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.52 1.1 Pn 08:59:56.400 -0.6 T__ __e 37698957 FDSN IR -- ISC iLoc ??? ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/05/18 09:07:05.54 0.88 0.94 48.4350 19.3585 5.2 3.5 21 8.8 14.1 17 10 105 0.56 1.80 sx BUD 16000956 BUD 126

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 6 BUD 16000956

```

Sta	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	0.56	163.0	Pg	09:07:17.019	-0.2					T__		112.5		---	ML	1.9	5523331	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.56	163.0	Lg	09:07:26.302	0.8					T__				---		5523332	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	0.63	145.0	Pg	09:07:20.060	1.1					T__		68.6		---	ML	1.7	5523333	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.63	145.0	Lg	09:07:28.102	-0.3					T__				---		5523334	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
A335A	0.68	271.4	Pg	09:07:19.188	-0.1					T__		180.9		---	ML	2.1	5523325	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.68	271.4	Lg	09:07:28.972	-0.8					T__				---		5523326	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
KECS	0.75	85.9	Lg	09:07:30.762	-0.5					T__				---		5523335	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.79	85.1	Pg	09:07:20.847	-0.3					T__		80.2		---	ML	1.8	5523329	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.79	85.1	Lg	09:07:31.325	-1.1					T__				---		5523330	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.84	111.5	Pg	09:07:22.338	-0.5					T__		56.9		---	ML	1.7	5523327	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	111.5	Lg	09:07:33.665	-1.3					T__				---		5523328	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	1.16	31.9	Pg	09:07:28.397	0.9					T__		37.3		---	ML	1.7	5523336	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.16	31.9	Lg	09:07:43.967	0.8					T__				---		5523337	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JAVC	1.20	291.4	Lg	09:07:46.788	0.1					T__				---		5523338	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
MODS	1.39	268.2	Pn	09:07:32.320	1.9					T__				---		5523339	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.39	268.2	Sn	09:07:50.629	0.6					T__				---		5523340	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORC	1.80	319.1	Sn	09:08:00.661	-0.0					T__				---		5523341	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
 2020/05/18 09:29:26.81 2.27 0.39 48.5712 20.8225 14.8 6.2 19 0.0f 8 5 245 0.20 0.90 sx BUD 16000958 BUD 315

Magnitude Err Nsta Author OrigID
 ML 1.2 0.2 3 BUD 16000958

Sta	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	248.3	Pg	09:29:31.238	0.2					T__		151.0		---	ML	1.0	5523371	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	248.3	Lg	09:29:34.350	-0.0					T__				---		5523372	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.24	248.7	Pg	09:29:31.720	-0.1					T__		813.3		---	ML	1.9	5523373	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.24	248.7	Lg	09:29:35.452	-0.2					T__				---		5523374	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.39	134.6	Lg	09:29:41.513	-0.2					T__				---		5523377	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.49	203.9	Pg	09:29:37.442	0.2					T__		30.7		---	ML	1.2	5523375	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	203.9	Lg	09:29:44.513	-0.6					T__				---		5523376	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.90	223.9	Lg	09:29:59.711	0.4					T__				---		5523378	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
2020/05/18	09:43:37.73	1.16	0.34	48.4202	19.6231	6.7	4.7	154	0.0f		10	6	170	0.52	0.86	sx	BUD	16000960	BUD		260	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	16000960

Sta	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	0.52	181.7	Lg	09:43:56.402	-0.1					T__						5523413	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.53	160.0	Pg	09:43:49.470	0.2					T__		49.3			ML	1.5	5523411	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.53	160.0	Lg	09:43:57.814	0.1					T__						5523412	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.58	83.4	Pg	09:43:49.463	0.1					T__		566.2			ML	2.6	5523407	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.58	83.4	Lg	09:43:58.071	-0.0					T__						5523408	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
JOS	0.61	82.6	Pg	09:43:50.048	0.0					T__		38.1			ML	1.4	5523405	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	82.6	Lg	09:43:59.511	0.2					T__						5523406	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.67	116.0	Pg	09:43:51.861	0.1					T__		26.8			ML	1.3	5523409	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.67	116.0	Lg	09:44:01.517	-0.8					T__						5523410	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A335A	0.86	272.3	Lg	09:44:08.010	-0.2					T__						5523414	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
2020/05/18	09:56:19.60	3.14	0.93	47.2676	18.3017	22.8	8.5	123	0.0f		5	4	128	0.10	1.26	sx	BUD	16000962	BUD		203	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	3 BUD	16000964

Sta	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	343.7	Pg	09:56:22.375	0.1					T__		141.0			ML	0.7	5523435	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	343.7	Lg	09:56:24.654	-0.2					T__						5523436	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
MPLH	0.53	259.7	Lg	09:56:38.768	-0.1					T__						5523438	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.19	186.8	Sn	09:56:59.137	-0.9					T__						5523439	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.26	58.3	Sn	09:57:01.674	-0.9					T__						5523437	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
2020/05/18	11:01:57.32	0.96	1.38	47.8825	20.1505	5.6	3.5	150	0.0f		11	8	104	0.18	0.84	sx	BUD	16000964	BUD		153	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	3 BUD	16000964

Sta	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	281.9	Pg	11:02:01.368	-0.3					T__		1255.1			ML	1.9	5523464	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

```

PSZ 0.18 281.9 Lg 11:02:04.659 -0.6 T__ --- 5523465 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU23A 0.25 164.6 Lg 11:02:08.803 1.2 T__ --- 5523468 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.35 46.2 Pg 11:02:03.978 -1.0 T__ 187.0 --- ML 1.5 5523466 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.35 46.2 Lg 11:02:10.175 -0.8 T__ --- 5523467 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.37 273.5 Lg 11:02:11.629 0.3 T__ --- 5523469 FDSN ZJ 00 BUD iLoc HHE ??? _
KECS 0.64 20.3 Lg 11:02:21.909 1.8 T__ --- 5523470 FDSN SK -- BUD iLoc EHE ??? _
HU01A 0.65 213.9 Lg 11:02:21.767 0.5 T__ --- 5523471 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.67 22.8 Pg 11:02:10.124 -0.6 T__ 44.4 --- ML 1.5 5523462 FDSN ZJ -- BUD iLoc HHN HHZ _
JOS 0.67 22.8 Lg 11:02:23.662 2.8 T__ --- 5523463 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.84 60.1 Lg 11:02:27.627 -0.0 T__ --- 5523472 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
2020/05/18 11:04:22.39 1.36 0.58 48.2280 19.9194 10.7 3.7 130 0.0f 9 6 202 0.31 0.88 sx BUD 16000966 BUD 232

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 3 BUD 16000966

```

```

Sta 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 0.31 183.1 Pg 11:04:29.335 -0.1 T__ 404.9 --- ML 1.8 5523497 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.31 183.1 Lg 11:04:34.992 0.2 T__ --- 5523498 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU03A 0.39 213.6 Lg 11:04:36.728 -0.1 T__ --- 5523499 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.42 104.4 Pg 11:04:31.572 0.2 T__ 105.8 --- ML 1.5 5523500 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.42 104.4 Lg 11:04:38.039 -0.3 T__ --- 5523502 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.46 55.7 Lg 11:04:39.593 0.9 T__ --- 5523505 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.49 56.8 Pg 11:04:32.318 -0.0 T__ 100.9 --- ML 1.7 5523501 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.49 56.8 Lg 11:04:39.017 -0.9 T__ --- 5523503 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.88 85.1 Lg 11:04:53.522 -0.4 T__ --- 5523504 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
2020/05/18 14:10:51.86 3.44 0.14 47.3138 18.1934 14.8 6.8 32 6.8 17.8 8 4 192 0.02 0.09 ke BUD 16000968 BUD 283

```

```

Magnitude Err Nsta Author OrigID
ML 0.7 0.1 4 BUD 16000968

```

```

Sta 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 0.02 134.0 Pg 14:10:53.400 0.0 T__ 192.3 _d ML 0.6 6029218 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.02 134.0 Lg 14:10:54.782 -0.1 T__ --- 6029217 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1

```

```

(Station ML: 0.6 magdef=1
CSKK 0.07 42.7 Pg 14:10:53.873 -0.1 T__ 115.5 ___ ML 0.5 6029215 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 42.7 Lg 14:10:56.068 0.2 T__ ___ 6029216 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
MSW3 0.08 326.6 Pg 14:10:54.176 0.0 T__ 261.4 ___ ML 0.9 6029222 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.08 326.6 Lg 14:10:56.031 -0.1 T__ ___ 6029221 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW1 0.09 29.4 Pg 14:10:54.309 0.0 T__ 156.5 ___ ML 0.7 6029219 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.09 29.4 Lg 14:10:56.560 0.0 T__ ___ 6029220 FDSN HU -- BUD iLoc HHN ??? _
(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
2020/05/19 05:19:06.75 0.44 0.99 47.3005 17.6731 0.0 0.0 6 0 162 0.16 0.26 kx BUD 16000970 BUD
2020/05/19 05:19:05.31 0.98 0.86 47.3300 17.6350f 0.0f 6 3 139 0.17 0.22 kx BUD_GT 16000971 BUD 269
(locality : Ugod Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.4 3 BUD 16000971

```

```

Sta 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 05:19:08.398 -1.0 T__ 176.3 ___ ML 1.0 5041440 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.17 202.2 Lg 05:19:12.601 -0.2 T__ ___ 5041441 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU08A 0.22 62.6 Pg 05:19:11.141 0.8 T__ 240.0 ___ ML 1.3 5041445 FDSN ZJ 00 BUD iLoc HHN HHZ _
HU08A 0.22 62.6 Lg 05:19:13.520 -1.1 T__ ___ 5041443 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
EGYH 0.22 293.0 Pg 05:19:10.771 0.3 T__ 448.9 ___ ML 1.6 5041442 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.22 293.0 Lg 05:19:15.362 0.8 T__ ___ 5041444 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
2020/05/19 07:21:46.34 3.06 1.43 47.3360 18.3287 20.5 8.6 146 0.0f 6 5 126 0.05 1.26 sx BUD 16000972 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
CSKK 0.05 300.4 Pg 07:21:47.929 -0.2 T__ 710.1 ___ ML 1.3 5523552 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.05 300.4 Lg 07:21:49.906 -0.1 T__ ___ 5523553 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU08A 0.29 289.3 Lg 07:21:58.407 0.4 T__ ___ 5523554 FDSN ZJ 00 BUD iLoc HHE ??? _
HU09A 0.30 6.8 Lg 07:21:58.801 0.3 T__ ___ 5523555 FDSN ZJ 00 BUD iLoc HHN ??? _

```

PSZ	1.21	60.6	Sn	07:22:27.310	-0.8	T__	---	5523557	FDSN	GE	--	BUD	iLoc	HHE	???	_
KOVH	1.26	187.3	Sn	07:22:30.795	2.3	T__	---	5523556	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
2020/05/19	08:06:03.43	2.26	1.22	48.6157	20.9960	15.7	5.4	16	0.0f	9	5	264	0.33	1.01	sx	BUD	16000974	BUD			323	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	5 BUD	16000974

Sta	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	0.33	248.6	Pg	08:06:10.801	0.7					T__		84.7		---	ML	1.1	5523601	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.33	248.6	Lg	08:06:14.250	-0.9					T__				---		5523602	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
ABAH	0.36	153.0	Pg	08:06:11.041	0.2					T__		47.9		---	ML	1.0	5523609	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=0)																										
KECS	0.36	248.8	Pg	08:06:11.206	0.4					T__		373.9		---	ML	1.9	5523603	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.36	248.8	Lg	08:06:14.806	-1.7					T__				---		5523604	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
HU02A	0.59	212.6	Pg	08:06:16.876	1.2					T__		36.0		---	ML	1.4	5523605	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.59	212.6	Lg	08:06:24.294	-0.7					T__				---		5523606	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
PSZ	1.01	226.9	Pg	08:06:26.089	1.4					T__		72.5		---	ML	1.9	5523608	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	1.01	226.9	Lg	08:06:38.944	-0.8					T__				---		5523607	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
2020/05/19	09:41:14.20	1.15	0.22	48.4227	19.6222	8.6	5.3	178	10.0f	8	5	170	0.54	0.86	sx	BUD	16000976	BUD			282	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.5	3 BUD	16000976

Sta	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	0.54	160.0	Lg	09:41:33.994	0.0					T__				---		5523642	FDSN	GE	--	BUD	iLoc	HHE	???	_		
KECS	0.58	83.7	Pg	09:41:26.049	0.3					T__		116.2		---	ML	1.9	5523643	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.58	83.7	Lg	09:41:34.274	0.1					T__				---		5523644	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
JOS	0.61	82.8	Pg	09:41:26.370	-0.1					T__		54.7		---	ML	1.6	5523638	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.61	82.8	Lg	09:41:35.119	-0.2					T__				---		5523639	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
HU02A	0.67	116.2	Pg	09:41:28.234	0.1					T__		22.6		---	ML	1.2	5523640	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.67	116.2	Lg	09:41:37.793	-0.3					T__				---		5523641	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										

A335A 0.86 272.1 Lg 09:41:43.794 -0.1 T__ --- 5523645 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
2020/05/19	10:14:48.62	1.31	0.49	48.8672	20.5462	27.0	3.5	84	0.0f		11	6	196	0.37	1.44	sx	BUD	16000978	BUD		200	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	16000978

Sta	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	180.7	Pg	10:14:56.129	0.0					T__		121.0		---	ML	1.4	5523676	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.37	180.7	Lg	10:15:02.487	0.6					T__				---		5523677	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.39	186.0	Pg	10:14:56.334	-0.1					T__		165.9		---	ML	1.6	5523674	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.39	186.0	Lg	10:15:02.775	0.4					T__				---		5523675	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	0.57	343.7	Pg	10:14:59.808	0.3					T__		22.1		---	ML	1.2	5523682	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.57	343.7	Lg	10:15:06.929	-0.8					T__				---		5523680	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU02A	0.75	181.1	Pg	10:15:03.559	-0.5					T__		49.7		---	ML	1.6	5523678	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.75	181.1	Lg	10:15:15.066	-0.5					T__				---		5523679	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.04	204.8	Pn	10:15:09.895	0.2					T__		68.7		---	ML	1.9	5523683	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.04	204.8	Lg	10:15:25.897	-0.0					T__				---		5523681	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
OJC	1.44	340.5	Lg	10:15:35.259	0.0					T__				---		5523684	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
2020/05/20	08:25:47.01	1.34	1.33	48.9891	19.3984	8.2	5.9	179	10.0f		9	7	109	0.73	1.45	sx	BUD	16000980	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	
NIE	0.73	53.7	Lg	08:26:11.874	1.0					T__				---		5523748	FDSN	PL	--	BUD	iLoc	BHE	???	_	
KECS	0.88	124.7	Lg	08:26:15.571	-0.7					T__				---		5523743	FDSN	SK	--	BUD	iLoc	EHE	???	_	
A335A	0.89	232.8	Lg	08:26:18.107	0.9					T__				---		5523749	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
JOS	0.90	122.7	Pn	08:26:04.874	0.1					T__		27.0		---	ML	1.4	5523741	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.90	122.7	Lg	08:26:16.188	-0.8					T__				---		5523742	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
PSZ	1.12	162.7	Pn	08:26:09.563	1.5					T__		32.7		---	ML	1.6	5523746	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.12	162.7	Sn	08:26:25.686	0.7					T__				---		5523745	FDSN	GE	--	BUD	iLoc	HHN	???	_	
HU02A	1.15	138.8	Sn	08:26:24.095	-1.2					T__				---		5523744	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORC	1.45	303.7	Lg	08:26:31.112	-1.9					T__				---		5523747	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
2020/05/20	08:30:02.73	0.89	1.00	48.4039	17.2774	4.4	3.0	113	0.0f		11	6	93	0.03	1.06	sx	BUD	16000982	BUD		150	

Magnitude Err Nsta Author OrigID
 ML 1.8 0.3 4 BUD 16000982

Sta	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	180.0	Pg	08:30:03.616	-0.4					T__						5523797	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.03	180.0	Lg	08:30:05.488	0.1					T__						5523798	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ZST	0.24	209.4	Pg	08:30:08.064	0.0					T__		37207.5		---	ML	3.5	5523799	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.24	209.4	Lg	08:30:11.404	-0.8					T__						5523803	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.5 magdef=1)																									
(Station ML: 3.5 magdef=1)																									
JAVC	0.53	29.7	Pg	08:30:13.759	0.0					T__		98.2		---	ML	1.8	5523800	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.53	29.7	Lg	08:30:22.566	0.3					T__						5523801	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
A335A	0.71	86.1	Pg	08:30:16.816	-0.3					T__		82.9		---	ML	1.8	5523804	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.71	86.1	Lg	08:30:28.728	0.7					T__						5523805	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KRUC	0.88	318.8	Pg	08:30:19.121	-0.5					T__		24.7		---	ML	1.4	5523802	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.88	318.8	Lg	08:30:31.645	-1.0					T__						5523806	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
CONA	1.06	243.9	Lg	08:30:39.681	2.3					T__						5523807	FDSN	OE	--	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
 2020/05/20 08:31:35.64 3.02 0.65 47.9285 20.4211 27.5 4.7 142 0.0f 7 4 248 0.21 0.57 sx BUD 16000984 BUD 344

Magnitude Err Nsta Author OrigID
 ML 1.2 0.1 4 BUD 16000984

Sta	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	0.21	19.8	Pg	08:31:40.520	0.1					T__		225.1		---	ML	1.2	5523836	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.21	19.8	Lg	08:31:43.728	-0.6					T__						5523837	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.35	268.6	Pg	08:31:43.779	0.2					T__		61.1		---	ML	1.1	5523838	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.35	268.6	Lg	08:31:49.192	-0.4					T__						5523839	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.56	4.4	Pg	08:31:47.884	1.0					T__		92.8		---	ML	1.8	5523840	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.57	7.9	Pg	08:31:47.238	0.1					T__		22.8		---	ML	1.2	5523834	FDSN	ZJ	--	BUD	iLoc	HHN	HHZ	_
JOS	0.57	7.9	Lg	08:31:55.653	-0.4					T__						5523835	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
 2020/05/20 09:57:32.98 1.59 0.95 48.3951 17.5522 11.5 3.8 125 0.0f 10 6 227 0.18 1.11 sx BUD 16000986 BUD 270

Magnitude Err Nsta Author OrigID
 ML 1.5 0.2 5 BUD 16000986

Sta	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	0.18	263.4	Pg	09:57:37.266	-0.0					T__						5523904	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.18	263.4	Lg	09:57:39.919	-1.0					T__						5523905	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.36	236.6	Pg	09:57:41.568	0.9					T__		31524.1		---	ML	3.8	5523906	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.36	236.6	Lg	09:57:45.567	-1.0					T__						5523908	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.8 magdef=1)																									
(Station ML: 3.8 magdef=0)																									
JAVC	0.47	9.6	Pg	09:57:43.275	0.3					T__		58.5		---	ML	1.4	5523907	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.47	9.6	Lg	09:57:50.085	-0.6					T__						5523913	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
A001A	0.72	297.9	Pg	09:57:48.527	1.2					T__		57.6		---	ML	1.7	5523909	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KRUC	1.02	311.5	Pg	09:57:52.870	0.4					T__		21.1		---	ML	1.4	5523910	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.02	311.5	Lg	09:58:06.343	-1.1					T__						5523911	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VRAC	1.11	325.6	Pg	09:57:54.484	0.5					T__		24.2		---	ML	1.5	5523912	FDSN	CZ	--	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
 2020/05/20 18:28:19.70 0.98 0.92 45.8909 16.0417 8.6 5.2 118 4.3 8.8 25 15 66 0.05 2.04 ke BUD 16000988 BUD 129

Magnitude Err Nsta Author OrigID
 ML 2.2 0.2 12 BUD 16000988

Sta	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	0.05	287.4	Pg	18:28:21.343	-0.1					T__		8772.6		---	ML	2.4	5523973	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.05	287.4	Lg	18:28:22.558	-0.5					T__						5523976	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
ZAG	0.07	210.9	Pg	18:28:21.885	0.4					T__		35891.0		---	ML	3.1	5523974	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	210.9	Lg	18:28:23.184	0.3					T__						5523975	FDSN	CR	--	BUD	iLoc	BHZ	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=0)																									
CRES	0.41	261.2	Pg	18:28:27.817	0.0					T__						5523977	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
CRES	0.41	261.2	Lg	18:28:33.918	-0.0					T__						5523978	FDSN	SL	--	BUD	iLoc	BHE	???	_	
KOGS	0.58	14.5	Pg	18:28:31.095	0.0					T__						5523971	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
KOGS	0.58	14.5	Lg	18:28:39.138	0.5					T__						5523979	FDSN	SL	--	BUD	iLoc	BHE	???	_	
BEHE	0.77	41.1	Pn	18:28:36.180	-0.5					T__		471.7		---	ML	2.6	5523970	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
A010A	1.18	1.2	Pn	18:28:43.297	0.9					T__		174.4		---	ML	2.4	5523982	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A010A	1.18	1.2	Sn	18:28:59.517	1.0					T__						5523983	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									

OBKA	1.21	301.4	Pn	18:28:43.313	-0.1	T__	98.1	---	ML	2.2	5523972	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.21	301.4	Lg	18:28:58.863	0.1	T__		---			5523981	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A261A	1.31	35.4	Pn	18:28:43.459	-0.4	T__	100.0	---	ML	2.2	5523985	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A265A	1.33	65.7	Pn	18:28:43.220	-0.9	T__	138.6	---	ML	2.4	5523967	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	1.33	65.7	Sn	18:29:00.905	-1.1	T__		---			5523984	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
BLY	1.40	144.4	Sn	18:29:05.463	1.1	T__		---			5523980	FDSN	MN	--	BUD	iLoc	HHE	???	_
ARSA	1.41	345.5	Pn	18:28:45.659	-0.0	T__	53.6	---	ML	2.0	5523987	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.41	345.5	Sn	18:29:03.987	-0.1	T__		---			5523988	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
KOVH	1.45	81.4	Pn	18:28:44.512	-1.2	T__	48.3	---	ML	2.0	5523968	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.45	81.4	Sn	18:29:02.673	-2.2	T__		---			5523986	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
A019A	1.69	337.4	Pn	18:28:49.406	-0.5	T__	41.1	---	ML	2.1	5523989	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
MORH	1.84	78.9	Pn	18:28:49.854	-1.1	T__	30.1	---	ML	2.0	5523969	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
CONA	2.04	356.6	Pn	18:28:54.547	-0.0	T__	36.7	---	ML	2.2	5523990	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	2.04	356.6	Pg	18:28:59.716	1.9	T__		---			5523991	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
2020/05/20	19:33:10.31	1.25	0.50	48.0840	20.8076	8.1	4.0	166	3.0f		9	5	201	0.19	0.64	ke	BUD	16000990	BUD		278	

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.4	4 BUD	16000990

Sta	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	281.5	Pg	19:33:14.705	0.1					T__		39.9		---	ML	0.4	5524055	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.19	281.5	Lg	19:33:18.080	-0.0					T__				---		5524056	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
ABAH	0.36	53.6	Pg	19:33:17.875	0.4					T__		39.9		---	ML	0.9	5524059	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
ABAH	0.36	53.6	Lg	19:33:22.553	-1.0					T__				---		5524058	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
JOS	0.45	336.6	Pg	19:33:19.433	0.2					T__		44.0		---	ML	1.2	5524051	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.45	336.6	Lg	19:33:25.675	-0.4					T__				---		5524052	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.45	331.8	Pg	19:33:19.774	0.4					T__		66.3		---	ML	1.4	5524054	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.45	331.8	Lg	19:33:26.195	-0.1					T__				---		5524053	FDSN	SK	--	BUD	iLoc	EHE	???	_	

(Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=1
 PSZ 0.64 255.2 Lg 19:33:33.227 -0.2 T__ --- 5524057 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
2020/05/21	08:03:44.19	2.20	0.99	47.3186	18.4248	16.6	6.2	55	0.0f	6	4	242	0.12	0.62	sx	BUD	16000992	BUD			324	

Magnitude Err Nsta Author OrigID

Sta	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	0.12	291.8	Pg	08:03:47.639	0.4					T__		313.4		---	ML	1.1	5524098	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.12	291.8	Lg	08:03:49.937	-0.2					T__				---		5524099	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.36	288.5	Lg	08:03:56.681	-1.5					T__				---		5524100	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
A267A	0.37	174.0	Lg	08:03:58.017	-0.6					T__				---		5524101	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.62	256.5	Pg	08:03:57.115	0.2					T__		73.8		---	ML	1.7	5524102	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.62	256.5	Lg	08:04:06.975	0.5					T__				---		5524103	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
2020/05/21	08:39:14.58	1.70	0.43	48.5423	20.7948	11.3	5.5	22	0.0f	10	7	129	0.18	1.23	sx	BUD	16000994	BUD			214	

Magnitude Err Nsta Author OrigID

ML 1.4 0.2 4 BUD 16000994

Sta	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	08:39:18.214	-0.1					T__		522.6		---	ML	1.5	5524149	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	254.8	Lg	08:39:21.750	0.5					T__				---		5524150	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KECS	0.21	254.1	Pg	08:39:18.744	-0.3					T__		1728.1		---	ML	2.1	5524151	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	254.1	Lg	08:39:22.781	0.2					T__				---		5524152	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
ABAH	0.39	129.6	Lg	08:39:29.529	0.2					T__				---		5524158	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.46	203.3	Pg	08:39:24.196	-0.1					T__		48.7		---	ML	1.3	5524153	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	203.3	Lg	08:39:31.801	0.1					T__				---		5524154	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
PSZ	0.87	224.3	Lg	08:39:45.844	-0.1					T__				---		5524156	FDSN	GE	--	BUD	iLoc	HHN	???	_	
NIE	0.94	339.8	Pn	08:39:34.747	0.6					T__		17.7		---	ML	1.3	5524155	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
TRPA	1.23	108.9	Sn	08:39:56.155	-0.6					T__				---		5524157	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
2020/05/21	09:07:01.26	0.93	2.33	48.4622	19.2383	8.5	3.4	17	0.0f	8	5	136	0.27	0.96	sx	BUD	16000996	BUD			188	

Magnitude Err Nsta Author OrigID

ML 1.4 0.0 3 BUD 16000996

Sta	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	276.9	Pg	09:07:05.324	-1.6					T__		31.6		---	ML	0.5	5524202	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.27	276.9	Lg	09:07:12.493	1.3					T__				---		5524203	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
PSZ	0.70	140.9	Pg	09:07:18.172	2.0					T__		35.5		---	ML	1.4	5524201	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.70	140.9	Lg	09:07:25.617	-1.3					T__				---		5524200	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.83	88.1	Lg	09:07:30.006	-0.2					T__				---		5524205	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.87	87.3	Pg	09:07:17.790	-0.6					T__		28.9		---	ML	1.4	5524198	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.87	87.3	Lg	09:07:30.101	-1.3					T__				---		5524199	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A331A	0.96	316.1	Lg	09:07:37.198	3.9					T__				---		5524204	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
2020/05/21	09:24:17.68	3.02	0.93	47.2259	18.3161	20.2	6.4	123	0.0f		5	3	279	0.14	0.53	sx	BUD	16000998	BUD			323

Magnitude	Err	Nsta	Author	OrigID

Sta	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	0.14	344.6	Pg	09:24:21.369	0.2					T__		327.5		---	ML	1.2	5524226	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.14	344.6	Lg	09:24:23.773	-0.6					T__				---		5524227	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU08A	0.34	307.7	Lg	09:24:30.869	-0.0					T__				---		5524228	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.53	264.3	Pg	09:24:28.205	-0.5					T__		62.1		---	ML	1.6	5524230	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.53	264.3	Lg	09:24:38.050	1.0					T__				---		5524229	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
2020/05/21	10:00:48.99	0.25	1.01	48.2824	21.2461				0.0	0.0	17	0	94	0.01	1.62	kx	BUD	16001000	BUD			
2020/05/21	10:00:47.19	0.89	0.83	48.2470	21.2460f				0.0f		17	12	97	0.05	1.63	kx	BUD_GT	16001001	BUD			153

(locality : Táallya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	6 BUD	16001001

Sta	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	10:00:48.669	-0.1					T__		15836.5		---	ML	2.6	5524309	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
HU02A	0.50	255.8	Pg	10:00:57.081	-0.7					T__		120.2		---	ML	1.8	5524295	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	10:01:04.937	-0.9					T__				---		5524296	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.53	298.1	Pg	10:00:57.936	0.0					T__		128.2		---	ML	1.9	5524293	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	10:01:05.772	-0.3					T__				---		5524294	FDSN	ZJ	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

KECS	0.56	295.3	Lg	10:01:06.636	-0.4	T__								5524298	FDSN	SK	--	iLoc	BUD	EHE	???	_	
TRPA	0.87	97.2	Pg	10:01:04.470	0.3	T__	170.5							2.2	5524299	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	10:01:17.931	-0.7	T__									5524300	FDSN	HU	--	iLoc	BUD	HHZ	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=1)																							
PSZ	0.96	250.6	Lg	10:01:21.137	-0.8	T__									5524297	FDSN	GE	--	iLoc	BUD	HHN	???	_
LTVH	0.97	152.7	Pn	10:01:07.878	1.1	T__	275.2								5524302	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
LTVH	0.97	152.7	Lg	10:01:22.728	0.9	T__									5524303	FDSN	HU	--	iLoc	BUD	HHE	???	_
(Reading ML: 2.5 magdef=1)																							
(Station ML: 2.5 magdef=1)																							
MUKU	0.98	77.3	Pg	10:01:06.710	0.6	T__									5524301	FDSN	UA	--	iLoc	BUD	MHZ	???	_
BRIU	1.19	84.9	Lg	10:01:27.819	-0.6	T__									5524305	FDSN	UA	--	iLoc	BUD	MHZ	???	_
STZU	1.19	49.4	Pg	10:01:11.517	1.6	T__									5524304	FDSN	UA	--	iLoc	BUD	MHZ	???	_
NIE	1.33	332.3	Pn	10:01:11.885	-0.3	T__	32.7								5524306	FDSN	PL	--	iLoc	BUD	BHZ	BHZ	_
NIE	1.33	332.3	Lg	10:01:32.174	0.4	T__									5524307	FDSN	PL	--	iLoc	BUD	BHE	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=0)																							
VYHS	1.63	279.6	Sn	10:01:40.594	1.6	T__									5524308	FDSN	SK	--	iLoc	BUD	HHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/05/22	07:23:21.95	1.08	1.10	47.4523	18.7078	8.0	4.5	149	0.0f		7	5	172	0.22	1.05	sx	BUD	16001002	BUD			242

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.8	3 BUD	16001002

Sta	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	81.6	Lg	07:23:30.800	-0.4					T__						5524404	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CSKK	0.32	253.8	Pg	07:23:28.797	0.0					T__	229.8				ML	1.5	5524400	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.32	253.8	Lg	07:23:34.432	-0.2					T__						5524401	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
SRO	0.45	323.7	Pg	07:23:32.041	0.7					T__	670.2				ML	2.4	5524405	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
PSZ	0.93	59.4	Lg	07:23:55.978	0.3					T__						5524406	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.05	4.7	Pn	07:23:43.484	0.5					T__	8.7				ML	1.0	5524402	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.05	4.7	Lg	07:23:56.526	-2.0					T__						5524403	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(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
2020/05/22	08:35:07.19	0.58	0.84	48.0453	20.7017				0.0	0.0	9	0	202	0.14	0.56	kx	BUD	16001004	BUD			
2020/05/22	08:35:05.99	0.94	0.76	48.0750	20.6990f				0.0f		9	5	195	0.13	0.56	kx	BUD_GT	16001005	BUD			268

(locality : Miskolc-Mexikóvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	4 BUD	16001005

Sta	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	08:35:09.122	-0.0					T__		492.5		---	ML	1.3	5524450	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	08:35:11.667	-0.2					T__				---		5524451	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.42	58.4	Pg	08:35:15.767	1.0					T__		76.7		---	ML	1.4	5524456	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.42	58.4	Lg	08:35:21.744	-0.5					T__				---		5524455	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.43	340.8	Lg	08:35:21.942	0.4					T__				---		5524453	FDSN	SK	--	iLoc	BUD	EHE	???	_	
JOS	0.43	345.9	Pg	08:35:15.370	0.6					T__		60.7		---	ML	1.3	5524448	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.43	345.9	Lg	08:35:21.728	0.1					T__				---		5524449	FDSN	ZJ	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.56	254.1	Pg	08:35:16.611	-1.6					T__		37.5		---	ML	1.4	5524452	FDSN	GE	--	iLoc	BUD	HHE	HHZ	_
PSZ	0.56	254.1	Lg	08:35:26.382	-0.7					T__				---		5524454	FDSN	GE	--	iLoc	BUD	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	
2020/05/22	09:47:12.01	0.93	1.26	48.6170	19.4224	7.4	3.9	1	10.0f		8	6	129	0.41	0.89	sx	BUD	16001006	BUD			201	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	3 BUD	16001006

Sta	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	0.41	252.7	Pg	09:47:21.108	0.6					T__		18.5		---	ML	0.7	5524489	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
LANS	0.53	3.2	Lg	09:47:29.804	-0.3					T__				---		5524487	FDSN	SK	--	BUD	iLoc	EHE	???	_	
KECS	0.72	100.3	Lg	09:47:37.602	1.1					T__				---		5524488	FDSN	SK	--	BUD	iLoc	EHN	???	_	
A335A	0.74	257.1	Lg	09:47:36.410	-1.4					T__				---		5524490	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
JOS	0.75	98.9	Pg	09:47:26.845	-0.1					T__		122.8		---	ML	2.0	5524485	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.75	98.9	Lg	09:47:35.884	-1.6					T__				---		5524486	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	0.89	123.5	Pn	09:47:30.767	1.2					T__		141.5		---	ML	2.1	5524483	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	123.5	Lg	09:47:42.300	-0.4					T__				---		5524484	FDSN	ZJ	00	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	
2020/05/22	11:34:18.53	2.38	1.29	48.9676	21.3233	24.6	13.4	152	7.5	16.0	11	7	141	0.67	1.00	sx	BUD	16001008	BUD			217	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	16001008

Sta	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	0.67	184.7	Pn	11:34:34.826	1.6					T__		58.6		---	ML	1.6	5524543	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.67	184.7	Sn	11:34:43.755	-1.8					T__				---		5524544	FDSN	HU	--	BUD	iLoc	HHE	???	_	


```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.70 228.0 Pg 11:34:32.194 -0.3 T__ 57.3 ___ ML 1.6 5524536 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.70 228.0 Lg 11:34:42.878 0.2 T__ ___ 5524537 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.74 229.2 Lg 11:34:43.430 -0.4 T__ ___ 5524540 FDSN SK -- BUD iLoc EHN ??? _
NIE 0.81 304.3 Pn 11:34:36.890 1.3 T__ ___ ML 1.5 5524541 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.81 304.3 Sn 11:34:48.625 -0.7 T__ ___ 5524535 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HOLU 0.83 121.7 Pn 11:34:33.867 -1.7 T__ ___ 5524545 FDSN UA -- BUD iLoc MHZ ??? _
STZU 0.86 86.3 Pn 11:34:36.111 -0.2 T__ ___ 5524542 FDSN UA -- BUD iLoc MHZ ??? _
HU02A 1.00 212.4 Pg 11:34:38.777 0.5 T__ ___ ML 1.5 5524538 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.00 212.4 Sn 11:34:53.151 -0.5 T__ ___ 5524539 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
2020/05/22 21:20:07.88 0.99 0.46 47.3664 18.2505 4.0 3.7 132 3.0f 7 4 103 0.01 0.09 ke BUD 16001010 BUD 194

```

```

Magnitude Err Nsta Author OrigID
ML 0.6 0.1 3 BUD 16001010

```

```

Sta 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 0.01 116.2 Pg 21:20:08.949 0.2 T__ 183.9 _c_ ML 0.6 5524603 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.01 116.2 Lg 21:20:09.312 -0.4 T__ ___ 5524604 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
MSW1 0.03 12.3 Pg 21:20:09.275 0.3 T__ 186.2 _c_ ML 0.6 5524605 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.03 12.3 Lg 21:20:09.692 -0.4 T__ ___ 5524607 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
MSW2 0.07 202.8 Pg 21:20:09.944 0.3 T__ 28.8 ___ ML -0.0 5524608 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.07 202.8 Lg 21:20:11.231 -0.2 T__ ___ 5524606 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: -0.0 magdef=1
(Station ML: -0.0 magdef=1
MSW3 0.09 281.2 Lg 21:20:11.266 -0.6 T__ ___ 5524609 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
2020/05/23 01:25:39.45 1.03 0.35 47.3632 18.2518 5.0 3.1 138 2.0f 6 3 164 0.01 0.07 ke BUD 16001012 BUD 277

```

```

Magnitude Err Nsta Author OrigID
ML 0.2 0.3 3 BUD 16001012

```

```

Sta 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 91.4 Pg 01:25:40.338 0.2 T__ 73.4 _c_ ML 0.2 5524663 FDSN HU -- iLoc BUD HHZ HHZ _
CSKK 0.01 91.4 Lg 01:25:40.617 -0.3 T__ ___ 5524664 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1

```

```

MSW1  0.03  9.4 Pg      01:25:40.663  0.2      T__      93.3      ___ ML    0.4 5524668  FDSN HU    -- iLoc BUD  HHZ HHZ  _
MSW1  0.03  9.4 Lg      01:25:41.274 -0.3      T__      ___      ___      5524665  FDSN HU    -- iLoc BUD  HHN ???  _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
MSW2  0.07 204.5 Pg     01:25:41.353  0.2      T__      26.1      ___ ML   -0.1 5524666  FDSN HU    -- iLoc BUD  HHZ HHZ  _
MSW2  0.07 204.5 Lg     01:25:42.536 -0.3      T__      ___      ___      5524667  FDSN HU    -- iLoc BUD  HHE ???  _
(Reading ML: -0.1 magdef=1
(Station ML: -0.1 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
2020/05/23 03:13:54.95  0.92  0.52 48.5181 17.6401  4.4  3.4 162  3.0f      8   5 140  0.28  1.05  ke BUD      16001014  BUD                220

```

```

Magnitude Err Nsta Author      OrigID
ML      1.0 0.4   3 BUD      16001014

```

```

Sta  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 0.28 239.2 Pg      03:14:01.018  0.1      T__      ___      ___      5524694  FDSN SK    -- BUD  iLoc  HHZ ???  _
MODS 0.28 239.2 Lg      03:14:04.984 -0.6      T__      ___      ___      5524695  FDSN SK    -- BUD  iLoc  HHE ???  _
JAVC 0.34  3.4 Pg      03:14:02.063 -0.1      T__      ___ ML    1.0 5524696  FDSN CZ    -- BUD  iLoc  HHZ HHZ  _
JAVC 0.34  3.4 Lg      03:14:07.360 -0.3      T__      ___      ___      5524697  FDSN CZ    -- BUD  iLoc  HHE ???  _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A335A 0.47 98.5 Pg      03:14:04.753  0.3      T__      49.2      ___ ML    1.3 5524698  FDSN Z3    00 BUD  iLoc  HHZ HHZ  _
A335A 0.47 98.5 Lg      03:14:11.384 -0.3      T__      ___      ___      5524699  FDSN Z3    00 BUD  iLoc  HHN ???  _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
VYHS  0.80 91.3 Pg      03:14:11.045  0.0      T__      6.7      ___ ML    0.8 5524700  FDSN SK    -- BUD  iLoc  HHZ HHZ  _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
VRAC  1.05 319.3 Lg      03:14:30.827  0.8      T__      ___      ___      5524701  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
2020/05/25 07:32:11.82  0.97  1.37 47.0731 18.0152  5.5  4.2 110  0.0f      9   6 123  0.19  0.99  sx BUD      16001016  BUD                162

```

```

Magnitude Err Nsta Author      OrigID
ML      1.6 0.2   5 BUD      16001016

```

```

Sta  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  0.19 205.8 Lg      07:32:17.607 -2.2      T__      ___      ___      5524728  FDSN HU    -- BUD  iLoc  HHZ ???  _
CSKK 0.33 29.9 Pg      07:32:19.348  0.3      T__      353.6      ___ ML    1.8 5524731  FDSN HU    -- BUD  iLoc  HHZ HHZ  _
CSKK 0.33 29.9 Lg      07:32:23.977 -1.3      T__      ___      ___      5524730  FDSN HU    -- BUD  iLoc  HHZ ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
MPLH 0.34 286.8 Pg     07:32:19.570  0.4      T__      152.7      ___ ML    1.4 5524732  FDSN HU    -- BUD  iLoc  HHZ HHZ  _
MPLH 0.34 286.8 Lg     07:32:25.240  0.4      T__      ___      ___      5524729  FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
HU08A 0.36 350.2 Pg     07:32:20.282  0.7      T__      198.3      ___ ML    1.6 5524733  FDSN ZJ    00 BUD  iLoc  HHZ HHZ  _
HU08A 0.36 350.2 Lg     07:32:24.853 -1.2      T__      ___      ___      5524734  FDSN ZJ    00 BUD  iLoc  HHN ???  _
(Reading ML: 1.6 magdef=1

```

```

(Station ML: 1.6 magdef=1
MORH 0.96 153.0 Pg 07:32:32.316 1.3 T__ 27.7 ___ ML 1.5 5524735 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOVH 0.99 176.6 Pn 07:32:32.580 0.9 T__ 46.6 ___ ML 1.7 5524736 FDSN HU -- 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
2020/05/25 07:38:31.41 0.91 0.79 48.5025 19.3693 5.8 3.7 30 0.0f 12 7 120 0.35 1.26 sx BUD 16001018 BUD 216

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 6 BUD 16001018

```

```

Sta 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 0.35 268.8 Pg 07:38:39.091 0.3 T__ 28.6 ___ ML 0.7 5524800 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.35 268.8 Lg 07:38:43.623 -0.6 T__ ___ 5524801 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
LANS 0.65 5.7 Pg 07:38:44.714 0.4 T__ 33.7 ___ ML 1.4 5524803 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 0.65 5.7 Lg 07:38:52.698 -0.5 T__ ___ 5524804 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.68 148.8 Pg 07:38:46.519 0.6 T__ 48.4 ___ ML 1.6 5524798 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.68 148.8 Lg 07:38:55.795 -0.6 T__ ___ 5524797 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.74 91.1 Pg 07:38:46.895 0.7 T__ 110.5 ___ ML 2.0 5524795 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.74 91.1 Lg 07:38:56.946 -0.4 T__ ___ 5524796 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 0.78 90.1 Pg 07:38:47.236 0.4 T__ 48.4 ___ ML 1.6 5524793 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.78 90.1 Lg 07:38:57.811 -0.7 T__ ___ 5524794 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.86 115.8 Lg 07:39:01.239 -1.2 T__ ___ 5524799 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 1.26 98.7 Pg 07:38:57.292 1.1 T__ 40.4 ___ ML 1.8 5524802 FDSN HU -- 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
2020/05/25 09:55:49.09 0.92 0.82 48.4660 19.5807 5.8 3.5 10 0.0f 9 6 110 0.50 0.83 sx BUD 16001020 BUD 181

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.0 3 BUD 16001020

```

```

Sta 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 0.50 273.5 Pg 09:55:59.273 0.0 T__ 8.6 ___ ML 0.6 5524879 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.50 273.5 Lg 09:56:05.823 -0.9 T__ ___ 5524880 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 0.6 magdef=1

```

```

(Station ML: 0.6 magdef=1
PSZ 0.59 158.9 Pg 09:56:02.057 0.3 T__ 32.4 --- ML 1.3 5524881 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.59 158.9 Lg 09:56:09.849 -1.0 T__ --- 5524877 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.60 88.0 Lg 09:56:10.402 0.1 T__ --- 5524878 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.64 87.0 Pg 09:56:02.148 0.3 T__ 30.4 --- ML 1.3 5524875 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.64 87.0 Lg 09:56:11.264 -0.2 T__ --- 5524876 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
LANS 0.69 353.8 Lg 09:56:11.602 -0.5 T__ --- 5524882 FDSN SK -- BUD iLoc EHE ??? _
A335A 0.83 269.1 Lg 09:56:19.879 1.3 T__ --- 5524883 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
2020/05/25 12:12:24.32 1.04 1.07 47.9145 19.8497 10.6 4.3 167 0.0f 10 6 183 0.03 1.01 sx BUD 16001022 BUD 228

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.3 4 BUD 16001022

```

```

Sta 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 0.03 82.7 Pg 12:12:25.328 -0.4 T__ 470.8 --- ML 1.1 5524999 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.03 82.7 Lg 12:12:27.142 -0.1 T__ --- 5525002 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU03A 0.17 266.4 Pg 12:12:29.292 1.0 T__ 326.7 --- ML 1.3 5525004 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.17 266.4 Lg 12:12:31.015 -0.3 T__ --- 5525003 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.50 65.1 Lg 12:12:41.940 -1.2 T__ --- 5524998 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.74 38.2 Pg 12:12:40.065 0.9 T__ 31.8 --- ML 1.4 5525006 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.74 38.2 Lg 12:12:51.021 0.6 T__ --- 5525000 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 0.89 310.9 Lg 12:12:54.553 -0.9 T__ --- 5525005 FDSN SK -- BUD iLoc HHZ ??? _
ABAH 1.01 67.2 Pg 12:12:44.388 0.1 T__ 41.3 --- ML 1.7 5525007 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.01 67.2 Lg 12:12:58.293 -1.8 T__ --- 5525001 FDSN HU -- 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
2020/05/25 12:13:52.80 2.34 0.93 47.8738 19.8283 8.1 3.9 5 0.2 3.5 9 7 149 0.06 1.04 sx BUD 16001024 BUD 213

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta 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 44.9 Pg 12:13:54.832 0.0 T__ 724.2 --- ML 1.3 5525036 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.06 44.9 Lg 12:13:56.619 -0.0 T__ --- 5525037 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU03A 0.16 281.1 Pg 12:13:56.375 -0.0 T__ 505.2 --- ML 1.4 5525034 FDSN ZJ 00 BUD iLoc HHZ HHZ _

```

HU03A	0.16	281.1	Lg	12:14:00.078	0.9	T__	---	5525035	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																
(Station ML: 1.4 magdef=0)																
HU23A	0.37	129.4	Lg	12:14:06.690	-0.2	T__	---	5525039	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
JOS	0.78	37.1	Lg	12:14:20.868	0.7	T__	---	5525038	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
VYHS	0.91	313.4	Lg	12:14:23.384	-1.0	T__	---	5525040	FDSN	SK	--	BUD	iLoc	HHZ	???	_
A338A	1.00	278.7	Sn	12:14:27.509	-1.3	T__	---	5525041	FDSN	Z3	00	BUD	iLoc	HH3	???	_
ABAH	1.04	65.4	Lg	12:14:28.862	-0.5	T__	---	5525042	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
2020/05/25	22:58:37.72	2.48	0.35	47.4527	18.6958	33.5	13.9	164	4.0f		8	4	345	0.30	0.39	ke	BUD	16001026	BUD			353

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.4	4 BUD	16001026

Sta	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	0.30	258.7	Pn	22:58:49.241	0.3					T__		184.9		_c_	ML	1.4	5525106	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW1	0.30	258.7	Lg	22:58:49.705	0.5					T__				---		5525107	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
CSKK	0.31	253.3	Pn	22:58:48.918	-0.1					T__		209.7		_c_	ML	1.5	5525105	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.31	253.3	Lg	22:58:49.227	-0.2					T__				---		5525103	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
MSW2	0.36	245.6	Pn	22:58:49.907	0.2					T__		32.3		---	ML	0.8	5525109	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW2	0.36	245.6	Lg	22:58:51.201	-0.0					T__				---		5525108	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 0.8 magdef=1)																										
(Station ML: 0.8 magdef=1)																										
MSW3	0.39	260.0	Pn	22:58:49.816	-0.4					T__		29.2		---	ML	0.9	5525104	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW3	0.39	260.0	Lg	22:58:51.914	-0.2					T__				---		5525110	FDSN	HU	--	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	
2020/05/25	23:59:21.08	0.79	0.78	47.3726	18.2586	2.9	2.5	118	1.2		8.6	34	23	43	0.01	1.78	ke	BUD	16001028	BUD			74

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	14 BUD	16001028

Sta	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	172.1	Pg	23:59:21.878	0.2					T__		17667.6		---	ML	2.6	5525356	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.01	172.1	Lg	23:59:22.253	-0.2					T__				---		5525357	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.6 magdef=1)																										
(Station ML: 2.6 magdef=0)																										
MSW1	0.02	0.8	Pg	23:59:22.202	0.3					T__		17679.4		---	ML	2.6	5525373	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW1	0.02	0.8	Lg	23:59:22.610	-0.2					T__				---		5525376	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 2.6 magdef=1)																										
(Station ML: 2.6 magdef=0)																										
MSW2	0.08	204.7	Pg	23:59:22.844	-0.1					T__		2192.5		---	ML	1.9	5525374	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW2	0.08	204.7	Lg	23:59:24.132	-0.6					T__				---		5525377	FDSN	HU	--	BUD	iLoc	HHE	???	_		

(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																			
MSW3	0.09	276.7	Pg	23:59:23.480	0.3	T__	1139.8	___	ML	1.6	5525375	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.09	276.7	Lg	23:59:25.052	-0.1	T__		---			5525378	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																			
HU08A	0.23	284.6	Pg	23:59:26.042	0.0	T__	99.4	___	ML	1.0	5525359	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.23	284.6	Lg	23:59:29.880	-0.1	T__		---			5525360	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=0																			
HU09A	0.28	17.5	Pg	23:59:27.097	0.3	T__	194.4	___	ML	1.4	5525358	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.28	17.5	Lg	23:59:32.066	0.4	T__		---			5525367	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																			
A271A	0.45	118.9	Lg	23:59:37.917	0.4	T__		---			5525379	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A267A	0.45	160.2	Pg	23:59:30.757	0.6	T__	65.7	---	ML	1.4	5525362	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.45	160.2	Lg	23:59:37.462	0.0	T__		---			5525368	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																			
MPLH	0.53	247.8	Pg	23:59:31.892	0.1	T__	41.1	___	ML	1.4	5525361	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																			
BUD	0.53	77.7	Lg	23:59:39.181	-1.3	T__		---			5525369	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU10A	0.70	47.1	Pg	23:59:35.501	0.2	T__	44.5	---	ML	1.5	5525363	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.70	47.1	Lg	23:59:45.864	-0.4	T__		---			5525380	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																			
A266A	0.85	179.7	Pn	23:59:39.363	0.7	T__	72.9	___	ML	1.8	5525364	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																			
HU01A	0.93	91.2	Sn	23:59:53.795	-0.7	T__		---			5525370	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU03A	1.05	59.1	Pn	23:59:42.256	0.7	T__	38.4	---	ML	1.7	5525381	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																			
A335A	1.08	2.7	Sn	23:59:57.007	-1.7	T__		---			5525382	FDSN	Z3	00	BUD	iLoc	HHE	???	_
VYHS	1.19	18.9	Pg	23:59:45.360	0.5	T__	5.7	---	ML	0.9	5525366	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.19	18.9	Sn	00:00:01.567	0.0	T__		---			5525371	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0																			
MORH	1.19	167.0	Pn	23:59:43.236	-0.1	T__	31.6	___	ML	1.7	5525365	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.19	167.0	Sn	23:59:59.290	-1.4	T__		---			5525383	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																			
MODS	1.20	327.0	Sn	00:00:00.000	-1.8	T__		---			5525384	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	1.20	64.5	Sn	00:00:01.391	-0.1	T__		---			5525385	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.23	63.1	Pg	23:59:45.864	-0.8	T__	27.6	---	ML	1.6	5525386	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.23	63.1	Sn	00:00:02.552	-0.1	T__		---			5525372	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																			
KOVH	1.29	184.9	Sn	00:00:02.716	-0.5	T__		---			5525387	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU02A	1.70	63.0	Sn	00:00:15.777	2.0	T__		---			5525388	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
A331A	1.78	359.2	Sn	00:00:16.234	-0.1	T__		---			5525389	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
2020/05/26	00:01:24.19	1.37	0.39	47.3571	18.2847	7.5	3.7	100	2.0f	6	3	248	0.02	0.07	ke	BUD	16001030	BUD				316

Magnitude	Err	Nsta	Author	OrigID
ML	0.2	0.2	3 BUD	16001030

Sta	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	290.0	Pg	00:01:25.244	0.2					T__		65.5		___	ML	0.2	5525469	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.02	290.0	Lg	00:01:25.691	-0.3					T__				---		5525468	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=1)																									
MSW1	0.04	334.0	Pg	00:01:25.616	0.2					T__		74.9		___	ML	0.3	5525466	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MSW1	0.04	334.0	Lg	00:01:26.138	-0.5					T__				---		5525467	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=1)																									
MSW2	0.07	222.5	Pg	00:01:26.194	0.1					T__		16.6		___	ML	-0.3	5525471	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MSW2	0.07	222.5	Lg	00:01:27.646	-0.1					T__				---		5525470	FDSN	HU	--	iLoc	BUD	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
2020/05/26	00:02:05.22	0.98	0.31	47.3623	18.2470	4.6	2.9	144	1.0f	7	4	117	0.01	0.08	ke	BUD	16001032	BUD				199

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	3 BUD	16001032

Sta	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	84.8	Pg	00:02:06.028	0.2					T__		740.6		___	ML	1.2	5525529	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.01	84.8	Lg	00:02:06.307	-0.3					T__				---		5525530	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MSW1	0.03	14.9	Pg	00:02:06.373	0.1					T__		492.0		___	ML	1.1	5525532	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.03	14.9	Lg	00:02:06.950	-0.4					T__				---		5525531	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MSW2	0.06	202.3	Pg	00:02:07.034	0.1					T__		61.0		___	ML	0.3	5525533	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.06	202.3	Lg	00:02:08.219	-0.3					T__				---		5525534	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=1)																									
MSW3	0.08	284.3	Lg	00:02:09.132	0.1					T__				---		5525535	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
2020/05/26	00:03:02.96	0.99	0.35	47.3643	18.2487	4.1	3.1	153	1.5f	7	4	103	0.01	0.09	ke	BUD	16001034	BUD				188

Magnitude	Err	Nsta	Author	OrigID
ML	0.2	0.1	3 BUD	16001034

Sta	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	98.6	Pg	00:03:03.805	0.2					T__		86.9		___	ML	0.3	5525595	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

CSKK	0.01	98.6	Lg	00:03:04.070	-0.3	T__									5525599	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.3 magdef=1)																							
(Station ML: 0.3 magdef=1)																							
MSW1	0.03	13.8	Pg	00:03:04.172	0.2	T__	70.0								5525597	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.03	13.8	Lg	00:03:04.613	-0.4	T__									5525596	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.2 magdef=1)																							
(Station ML: 0.2 magdef=1)																							
MSW2	0.07	202.5	Pg	00:03:04.862	0.2	T__	14.6								5525598	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	202.5	Lg	00:03:06.051	-0.3	T__									5525600	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: -0.3 magdef=1)																							
(Station ML: -0.3 magdef=1)																							
MSW3	0.09	282.8	Lg	00:03:06.647	-0.2	T__									5525601	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
2020/05/26	00:03:21.52	1.08	0.58	47.3584	18.2416	9.1	5.3	133	2.0f		5	3	178	0.01	0.06	ke	BUD	16001036	BUD			309

Magnitude	Err	Nsta	Author	OrigID
ML	0.5	0.0	2 BUD	16001036

Sta	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	69.9	Pg	00:03:22.563	0.3					T__		156.5			ML	0.5	5525665	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.01	69.9	Lg	00:03:22.761	-0.4					T__						5525666	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
MSW1	0.04	18.9	Pg	00:03:22.935	0.3					T__		127.5			ML	0.5	5525668	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.04	18.9	Lg	00:03:23.312	-0.5					T__						5525667	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
MSW2	0.06	200.4	Lg	00:03:24.337	-0.3					T__						5525669	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
2020/05/26	00:07:31.01	0.99	0.38	47.3579	18.2200	7.2	6.3	46	3.0f		6	4	107	0.03	0.07	ke	BUD	16001038	BUD			212

Magnitude	Err	Nsta	Author	OrigID
ML	-0.2	0.0	2 BUD	16001038

Sta	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	79.2	Pg	00:07:32.381	0.3					T__		28.4			ML	-0.2	5525791	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.03	79.2	Lg	00:07:32.819	-0.4					T__						5525792	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: -0.2 magdef=1)																									
(Station ML: -0.2 magdef=1)																									
MSW1	0.04	37.1	Pg	00:07:32.422	0.1					T__		23.6			ML	-0.2	5525795	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.04	37.1	Lg	00:07:33.303	-0.4					T__						5525793	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: -0.2 magdef=1)																									
(Station ML: -0.2 magdef=1)																									
MSW2	0.06	186.3	Lg	00:07:33.912	-0.1					T__						5525796	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW3	0.07	291.6	Lg	00:07:34.374	-0.0					T__						5525794	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
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2020/05/26 00:12:38.07 2.19 0.11 47.3556 18.3041 14.0 6.1 118 3.0f 5 3 269 0.03 0.08 ke BUD 16001040 BUD 323

Magnitude Err Nsta Author OrigID
ML -0.3 0.0 2 BUD 16001040

Sta	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	284.2	Pg	00:12:39.267	0.1					T__		20.6		---	ML -0.3	5525889	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.03	284.2	Lg	00:12:40.307	-0.1					T__				---		5525891	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: -0.3 magdef=1 Station ML: -0.3 magdef=1)																								
MSW1	0.05	320.6	Pg	00:12:39.534	0.0					T__		21.3		---	ML -0.2	5525893	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.05	320.6	Lg	00:12:40.805	-0.1					T__				---		5525892	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: -0.2 magdef=1 Station ML: -0.2 magdef=1)																								
MSW2	0.08	229.9	Lg	00:12:41.932	-0.1					T__				---		5525890	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
2020/05/26 01:07:24.91 1.38 0.49 47.3565 18.2865 7.2 3.6 99 1.5f 7 4 250 0.02 0.11 ke BUD 16001042 BUD 310

Magnitude Err Nsta Author OrigID
ML 0.5 0.1 3 BUD 16001042

Sta	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	290.6	Pg	01:07:26.074	0.4					T__		175.5		_c_	ML 0.6	5525992	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	290.6	Lg	01:07:26.310	-0.3					T__				---		5525996	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1)																								
MSW1	0.04	332.8	Pg	01:07:26.404	0.3					T__		129.8		---	ML 0.5	5525993	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.04	332.8	Lg	01:07:26.817	-0.5					T__				---		5525997	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1)																								
MSW2	0.07	223.5	Pg	01:07:27.010	0.2					T__		20.9		---	ML -0.2	5525994	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	223.5	Lg	01:07:28.219	-0.3					T__				---		5525998	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: -0.2 magdef=1 Station ML: -0.2 magdef=1)																								
MSW3	0.11	283.8	Lg	01:07:29.249	-0.5					T__				---		5525995	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
2020/05/26 07:58:47.58 1.16 0.78 48.5702 20.7911 7.5 3.9 13 0.0f 14 8 124 0.18 1.30 sx BUD 16001044 BUD 188

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 7 BUD 16001044

Sta	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	246.1	Pg	07:58:51.644	0.2					T__		258.2		---	ML 1.2	5526068	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	246.1	Lg	07:58:54.743	0.3					T__				---		5526069	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
KECS	0.22	246.9	Pg	07:58:52.184	-0.0					T__		695.3		---	ML 1.8	5526070	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.22	246.9	Lg	07:58:56.549	0.7					T__				---		5526071	FDSN	SK	--	BUD	iLoc	EHE	???	_

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
ABAH 0.41 132.4 Pg 07:58:56.260 0.3 T__ 71.7 ___ ML 1.3 5526074 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.41 132.4 Lg 07:59:02.277 -0.7 T__ ___ 5526075 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.48 201.7 Pg 07:58:57.552 -0.2 T__ 37.0 ___ ML 1.2 5526072 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 201.7 Lg 07:59:05.312 -0.3 T__ ___ 5526073 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.89 222.9 Pn 07:59:05.619 -0.7 T__ 36.6 ___ ML 1.6 5526077 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.89 222.9 Lg 07:59:18.946 -0.6 T__ ___ 5526078 FDSN GE -- BUD iLoc HHZ ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
LANS 1.05 304.1 Pg 07:59:07.838 -0.4 T__ 32.0 ___ ML 1.6 5526076 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
STZU 1.29 69.1 Pn 07:59:13.199 1.0 T__ ___ 5526079 FDSN UA -- BUD iLoc MHZ ??? _
VYHS 1.30 267.4 Pn 07:59:12.926 0.8 T__ 5.7 ___ ML 1.0 5526080 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.30 267.4 Sn 07:59:30.052 -1.6 T__ ___ 5526081 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 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
2020/05/26 09:23:20.48 1.35 1.23 47.7321 19.0937 9.6 4.1 37 0.0f 10 7 198 0.12 1.23 sx BUD 16001046 BUD 265

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.4 4 BUD 16001046

```

```

Sta 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 0.12 335.9 Pg 09:23:24.152 0.7 T__ 2177.0 ___ ML 2.0 5526121 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.12 335.9 Lg 09:23:25.894 -0.2 T__ ___ 5526122 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU03A 0.38 63.1 Lg 09:23:35.325 0.4 T__ ___ 5526123 FDSN ZJ 00 BUD iLoc HHE ??? _
HU01A 0.53 137.2 Lg 09:23:39.312 -1.1 T__ ___ 5526125 FDSN ZJ 00 BUD iLoc HHZ ??? _
PSZ 0.57 70.6 Pg 09:23:33.356 0.5 T__ 37.1 ___ ML 1.4 5526119 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.57 70.6 Lg 09:23:40.781 -1.2 T__ ___ 5526120 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 0.78 347.3 Lg 09:23:45.669 -2.3 T__ ___ 5526124 FDSN SK -- BUD iLoc HHZ ??? _
KECS 1.20 50.6 Pn 09:23:44.356 0.9 T__ 88.9 ___ ML 2.1 5526118 FDSN SK -- BUD iLoc EHE EHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 1.23 51.2 Pn 09:23:44.626 0.7 T__ 27.3 ___ ML 1.6 5526116 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.23 51.2 Sn 09:24:01.616 -0.7 T__ ___ 5526117 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

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2020/05/27 02:34:01.15 1.21 0.48 47.3593 18.2718 10.6 3.8 113 2.3 10.6 7 4 230 0.01 0.10 ke BUD 16001048 BUD 298

Magnitude Err Nsta Author OrigID
ML 0.5 0.5 3 BUD 16001048

Sta	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	296.4	Pg	02:34:02.131	0.2					T__		338.0		_d	ML	0.9	6029252	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.01	296.4	Lg	02:34:02.447	-0.3					T__				---		6029249	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																									
MSW1	0.03	345.5	Pg	02:34:02.495	0.2					T__		131.3		---	ML	0.5	6029247	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.03	345.5	Lg	02:34:02.955	-0.5					T__				---		6029248	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1)																									
MSW2	0.07	216.0	Pg	02:34:03.157	0.2					T__		23.7		---	ML	-0.1	6029250	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	216.0	Lg	02:34:04.260	-0.4					T__				---		6029251	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: -0.1 magdef=1 Station ML: -0.1 magdef=1)																									
MSW3	0.10	283.6	Lg	02:34:05.401	-0.2					T__				---		6029253	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
2020/05/27 07:01:22.33 2.66 0.67 48.2336 21.4747 16.8 14.6 116 0.0f 9 5 210 0.17 1.11 sx BUD 16001050 BUD 320

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 4 BUD 16001050

Sta	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	291.8	Pg	07:01:26.656	0.5					T__		691.9		---	ML	1.6	5526173	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.17	291.8	Lg	07:01:29.858	0.2					T__				---		5526174	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
HU02A	0.65	260.4	Pg	07:01:35.721	-0.1					T__		35.0		---	ML	1.4	5526177	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.65	260.4	Lg	07:01:45.814	-0.2					T__				---		5526178	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
JOS	0.68	293.2	Pg	07:01:35.264	-0.6					T__		42.0		---	ML	1.5	5526175	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	293.2	Lg	07:01:45.621	-0.5					T__				---		5526176	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
STZU	1.09	43.8	Pn	07:01:43.058	-1.0					T__				---		5526179	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
PSZ	1.11	254.0	Pn	07:01:44.926	0.8					T__		42.7		---	ML	1.7	5526181	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.11	254.0	Sn	07:02:01.897	0.3					T__				---		5526180	FDSN	GE	--	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
2020/05/27 07:56:08.79 3.66 1.36 48.4814 21.5053 23.1 10.9 72 0.0f 8 4 312 0.26 1.22 sx BUD 16001052 BUD 340

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 4 BUD 16001052

Sta	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	0.26	223.8	Pg	07:56:14.168	-0.1					T__		409.7		---	ML	1.6	5526211	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
ABAH	0.26	223.8	Lg	07:56:20.352	1.3					T__				---		5526212	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.64	271.6	Pg	07:56:21.685	0.1					T__		36.8		---	ML	1.4	5526210	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.64	271.6	Lg	07:56:31.482	0.1					T__				---		5526213	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.75	241.6	Pg	07:56:23.473	-0.8					T__		37.2		---	ML	1.5	5526208	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.75	241.6	Lg	07:56:34.649	-1.3					T__				---		5526209	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	1.22	243.0	Pn	07:56:33.185	1.0					T__		48.0		---	ML	1.9	5526214	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.22	243.0	Sn	07:56:52.834	2.0					T__				---		5526215	FDSN	GE	--	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
2020/05/27	08:44:14.18	0.98	0.87	48.8232	20.4568	6.4	3.9	69	3.5	14.3	15	8	144	0.33	1.46	sx	BUD	16001054	BUD			180

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	8 BUD	16001054

Sta	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	0.33	170.5	Pg	08:44:20.814	-0.1					T__		270.3		---	ML	1.7	5526253	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.33	170.5	Lg	08:44:27.165	1.2					T__				---		5526257	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.34	176.8	Pg	08:44:20.820	-0.3					T__		986.7		---	ML	2.2	5526260	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.34	176.8	Lg	08:44:26.464	0.1					T__				---		5526261	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
NIE	0.60	350.2	Pg	08:44:25.765	0.1					T__		49.6		---	ML	1.5	5526262	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.70	176.3	Pg	08:44:28.168	-0.5					T__		77.1		---	ML	1.8	5526254	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.70	176.3	Lg	08:44:39.907	0.4					T__				---		5526263	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.74	135.1	Pg	08:44:28.258	-0.4					T__		99.5		---	ML	1.9	5526258	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.74	135.1	Lg	08:44:40.318	0.1					T__				---		5526259	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	0.98	202.7	Pn	08:44:34.288	0.4					T__		77.7		---	ML	1.9	5526255	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.98	202.7	Lg	08:44:48.662	0.1					T__				---		5526264	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
VYHS	1.12	253.6	Pg	08:44:37.747	1.0					T__		15.6		---	ML	1.3	5526256	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.12	253.6	Lg	08:44:50.617	-2.2					T__				---		5526265	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									

```

(Station ML: 1.3 magdef=0
OJC 1.46 343.2 Pn 08:44:41.326 0.4 T__ 57.8 ___ ML 2.1 5526266 FDSN PL -- BUD iLoc BHZ BHZ _
OJC 1.46 343.2 Lg 08:45:00.946 -0.1 T__ ___ 5526267 FDSN PL -- BUD iLoc BHN ??? _
(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
2020/05/27 08:45:22.87 1.11 1.28 47.3960 18.3402 7.6 4.2 113 0.0f 10 8 151 0.06 1.32 sx BUD 16001056 BUD 161

```

Magnitude Err Nsta Author OrigID

```

Sta 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 0.06 238.8 Pg 08:45:24.292 -0.5 T__ 1206.1 ___ ML 1.6 5526302 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 238.8 Lg 08:45:26.276 -0.6 T__ ___ 5526303 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
HU09A 0.24 6.7 Lg 08:45:33.106 0.1 T__ ___ 5526305 FDSN ZJ 00 BUD iLoc HHN ??? _
A267A 0.46 167.8 Lg 08:45:39.726 -0.4 T__ ___ 5526304 FDSN Z3 00 BUD iLoc HHE ??? _
MPLH 0.59 247.8 Lg 08:45:45.912 1.8 T__ ___ 5526309 FDSN HU -- BUD iLoc HHN ??? _
A266A 0.87 183.4 Lg 08:45:55.054 2.0 T__ ___ 5526306 FDSN Z3 00 BUD iLoc HHE ??? _
VYHS 1.15 16.7 Pn 08:45:45.624 0.3 T__ 13.6 ___ ML 1.3 5526310 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.15 16.7 Lg 08:46:03.307 0.4 T__ ___ 5526311 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
MORH 1.20 169.9 Sn 08:46:02.068 -1.5 T__ ___ 5526307 FDSN HU -- BUD iLoc HHE ??? _
KOVH 1.32 187.3 Sn 08:46:07.427 0.9 T__ ___ 5526308 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
2020/05/27 09:22:01.92 1.19 0.75 48.5636 20.7720 7.6 3.9 13 0.0f 13 7 185 0.17 1.29 sx BUD 16001058 BUD 255

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.2 7 BUD 16001058

```

Sta 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 0.17 246.4 Pg 09:22:05.620 0.1 T__ 307.7 ___ ML 1.3 5526342 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 246.4 Lg 09:22:08.995 0.7 T__ ___ 5526343 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.21 247.2 Pg 09:22:06.157 -0.1 T__ 2097.8 ___ ML 2.2 5526344 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.21 247.2 Lg 09:22:10.194 0.5 T__ ___ 5526345 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ABAH 0.41 130.5 Pg 09:22:10.798 0.4 T__ 89.1 ___ ML 1.4 5526346 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.41 130.5 Lg 09:22:16.571 -0.9 T__ ___ 5526347 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.47 200.6 Pg 09:22:11.460 -0.4 T__ 43.0 ___ ML 1.2 5526348 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.47 200.6 Lg 09:22:19.130 -0.4 T__ ___ 5526349 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

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```

PSZ 0.87 222.6 Pn 09:22:20.138 -0.4 T__ 64.1 ___ ML 1.8 5526350 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.87 222.6 Lg 09:22:33.291 -0.1 T__ ___ 5526351 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
LANS 1.04 304.8 Pg 09:22:21.934 -0.5 T__ 36.0 ___ ML 1.6 5526352 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 1.29 267.6 Pn 09:22:27.904 1.6 T__ 7.8 ___ ML 1.1 5526353 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 267.6 Sn 09:22:44.985 -0.7 T__ ___ 5526354 FDSN SK -- BUD iLoc 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
2020/05/27 10:19:59.14 1.36 0.99 47.5141 16.4005 8.6 5.1 137 0.0f 17 9 212 0.20 1.55 sx BUD 16001060 BUD 275

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```

Magnitude Err Nsta Author OrigID
ML 1.0 1.0 7 BUD 16001060

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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 0.20 339.3 Pg 10:20:02.957 -0.5 T__ 3.9 0.08 __i ML -0.6 45537927 FDSN IR -- ISC iLoc ??? ??? _
RONA 0.20 339.3 Lg 10:20:05.336 -1.2 T__ 19.2 0.14 __e ML 0.1 45537928 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 0.1 magdef=1
(Station ML: 0.1 magdef=0
SOP 0.20 32.2 Pg 10:20:04.126 0.6 T__ 143.4 ___ ML 1.0 5526392 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.20 32.2 Lg 10:20:06.744 0.1 T__ ___ 5526390 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CONA 0.55 318.9 Pg 10:20:10.042 -0.1 T__ 72.1 ___ ML 1.7 5526388 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.55 318.9 Lg 10:20:17.679 0.1 T__ ___ 5526389 FDSN OE -- BUD iLoc HHN ??? _
CONA 0.55 318.9 Sg 10:20:17.831 0.3 T__ 4.8 0.46 __e ML 0.5 45537926 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
WINA 0.63 339.7 Pg 10:20:11.798 0.1 T__ 0.9 0.14 __e ML -0.2 45537929 FDSN IR -- ISC iLoc ??? ??? _
WINA 0.63 339.7 Lg 10:20:20.445 0.1 T__ 3.3 0.18 __e ML 0.4 45537930 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
ARSA 0.65 246.5 Lg 10:20:19.020 -1.0 T__ ___ 5526393 FDSN OE -- BUD iLoc HHE ??? _
ARSA 0.65 246.5 Sg 10:20:20.745 0.7 T__ 1.9 0.38 __e ML 0.1 45537924 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 0.1 magdef=1
(Station ML: 0.1 magdef=1
AO13A 0.87 309.7 Pg 10:20:16.477 0.6 T__ 99.2 ___ ML 2.0 5526394 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO13A 0.87 309.7 Lg 10:20:27.476 0.4 T__ ___ 5526395 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MODS 1.04 34.1 Sn 10:20:34.959 -1.3 T__ ___ 5526391 FDSN SK -- BUD iLoc HHE ??? _
AO07A 1.34 334.4 Pn 10:20:25.058 0.5 T__ 71.9 ___ ML 2.1 5526396 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
KRUC 1.55 359.9 Pn 10:20:25.900 -1.5 T__ ___ 37699292 FDSN IR -- ISC iLoc ??? ??? _
KRUC 1.55 359.9 Sn 10:20:45.900 -2.3 T__ ___ 37699293 FDSN IR -- ISC iLoc ??? ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/05/27	10:27:42.76	0.96	0.72	48.4541	19.5699	6.1	3.5	6	0.0f		11	6	170	0.49	0.72	sx	BUD	16001062	BUD			268

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	5 BUD	16001062

Sta	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	274.9	Pg	10:27:53.143	0.3					T__		14.8		___	ML	0.8	5526435	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.49	274.9	Lg	10:27:59.269	-0.9					T__				---		5526436	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																									
HU03A	0.55	177.9	Lg	10:28:03.403	0.7					T__				---		5526437	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
PSZ	0.58	157.8	Pg	10:27:55.301	0.1					T__		53.2		___	ML	1.5	5526433	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.58	157.8	Lg	10:28:03.690	-0.6					T__				---		5526434	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
KECS	0.61	86.9	Pg	10:27:55.405	0.4					T__		115.2		___	ML	1.9	5526431	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.61	86.9	Lg	10:28:04.221	-0.0					T__				---		5526429	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																									
JOS	0.65	85.9	Pg	10:27:55.944	0.3					T__		34.3		___	ML	1.4	5526427	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	85.9	Lg	10:28:05.378	-0.1					T__				---		5526428	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
HU02A	0.72	117.2	Pg	10:27:57.876	0.2					T__		32.4		___	ML	1.4	5526430	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	117.2	Lg	10:28:07.467	-1.5					T__				---		5526432	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
2020/05/27	10:29:00.13	0.98	0.72	48.4588	19.5672	6.7	3.8	10	0.0f		8	5	171	0.49	0.65	sx	BUD	16001064	BUD			268

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	16001064

Sta	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	274.4	Pg	10:29:10.517	0.4					T__		11.4		___	ML	0.7	5526476	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.49	274.4	Lg	10:29:16.599	-0.8					T__				---		5526477	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1)																									
HU03A	0.56	177.7	Pg	10:29:12.731	0.9					T__		60.1		___	ML	1.6	5526481	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
PSZ	0.58	157.8	Pg	10:29:12.492	-0.2					T__		53.5		___	ML	1.6	5526482	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.58	157.8	Lg	10:29:20.877	-0.9					T__				---		5526478	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
KECS	0.61	87.4	Lg	10:29:21.500	-0.2					T__				---		5526483	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.65	86.4	Pg	10:29:13.190	0.1					T__		32.2		___	ML	1.4	5526479	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	86.4	Lg	10:29:22.877	0.0					T__				---		5526480	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
2020/05/27	22:05:34.56	1.24	0.54	47.3583	18.2761	10.7	3.8	112	2.1	11.1	7	4	236	0.01	0.10	ke	BUD	16001066	BUD			302

Magnitude	Err	Nsta	Author	OrigID
ML	0.5	0.2	3 BUD	16001066

Sta	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	294.2	Pg	22:05:35.614	0.3					T__		214.3		_c_	ML	0.7	5526541	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.01	294.2	Lg	22:05:35.831	-0.3					T__				---		5526546	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
MSW1	0.04	341.4	Pg	22:05:35.968	0.3					T__		135.5		---	ML	0.5	5526543	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.04	341.4	Lg	22:05:36.387	-0.5					T__				---		5526542	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
MSW2	0.07	218.4	Pg	22:05:36.638	0.3					T__		24.8		---	ML	-0.1	5526544	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	218.4	Lg	22:05:37.630	-0.4					T__				---		5526547	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: -0.1 magdef=1)																									
(Station ML: -0.1 magdef=1)																									
MSW3	0.10	283.7	Lg	22:05:38.873	-0.2					T__				---		5526545	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
2020/05/28	07:01:03.67	3.18	3.44	47.4399	18.2684	22.2	7.8	42	0.5f		5	4	157	0.08	1.36	sx	BUD	16001068	BUD			275

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	7 BUD	16001070

Sta	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	184.0	Pg	07:01:05.950	0.3					T__		1242.5		---	ML	1.6	5526567	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	184.0	Lg	07:01:07.342	-0.3					T__				---		5526568	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.23	268.0	Lg	07:01:12.740	-0.1					T__				---		5526569	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	1.20	65.9	Sn	07:01:42.341	-2.4					T__				---		5526571	FDSN	GE	--	BUD	iLoc	HHE	???	_	
KOVH	1.36	185.0	Sn	07:01:43.648	-4.2					T__				---		5526570	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
2020/05/28	08:01:58.20	0.86	0.88	48.5165	19.3358	4.0	3.4	13	0.0f		16	9	102	0.33	1.29	sx	BUD	16001070	BUD			203

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	7 BUD	16001070

Sta	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	266.3	Pg	08:02:05.117	-0.0					T__		35.7		---	ML	0.8	5526608	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.33	266.3	Lg	08:02:09.835	-0.4					T__				---		5526609	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
HU03A	0.64	163.8	Lg	08:02:22.496	1.4					T__				---		5526612	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
LANS	0.64	7.8	Pg	08:02:11.452	0.6					T__		67.3		---	ML	1.7	5526610	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.64	7.8	Lg	08:02:18.433	-1.2					T__				---		5526611	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

PSZ	0.71	147.8	Pg	08:02:13.102	-0.1	T__					60.9	---	ML	1.7	5526613	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.71	147.8	Lg	08:02:23.246	-0.8	T__						---			5526614	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
KECS	0.77	92.1	Pg	08:02:13.651	0.2	T__					170.6	---	ML	2.2	5526616	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.77	92.1	Lg	08:02:24.592	-0.3	T__						---			5526615	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=0)																							
JOS	0.80	91.0	Pg	08:02:14.147	0.1	T__					62.5	---	ML	1.7	5526603	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.80	91.0	Lg	08:02:25.724	-0.4	T__						---			5526604	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
HU02A	0.89	116.0	Pg	08:02:16.184	-0.3	T__					71.4	---	ML	1.8	5526605	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	116.0	Lg	08:02:28.887	-1.2	T__						---			5526606	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
NIE	1.10	34.8	Lg	08:02:35.383	0.3	T__						---			5526617	FDSN	PL	--	BUD	iLoc	BHN	???	_
ABAH	1.29	99.2	Pn	08:02:24.173	1.8	T__					51.5	---	ML	1.9	5526607	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.29	99.2	Sn	08:02:42.031	0.7	T__						---			5526618	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
2020/05/28	08:25:06.60	1.07	0.42	48.5482	19.3366	12.8	3.8	0	10.0f		6	4	192	0.34	0.80	sx	BUD	16001072	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		
VYHS	0.34	260.9	Pg	08:25:13.566	-0.2					T__		22.9			---	ML	0.6	5526649	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.34	260.9	Lg	08:25:19.427	0.4					T__					---		5526650	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.6 magdef=1)																										
(Station ML: 0.6 magdef=0)																										
PSZ	0.73	149.2	Lg	08:25:32.848	0.0					T__					---		5526651	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KECS	0.77	94.4	Lg	08:25:32.916	0.3					T__					---		5526652	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.80	93.3	Pg	08:25:22.637	0.2					T__		88.6			---	ML	1.9	5526647	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.80	93.3	Lg	08:25:33.231	-0.4					T__					---		5526648	FDSN	ZJ	--	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
2020/05/28	08:36:36.28	1.00	1.63	46.9907	17.3374	10.3	3.6	143	0.0f		7	5	144	0.13	0.92	sx	BUD	16001074	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		
A261A	0.13	253.4	Pg	08:36:39.432	-0.2					T__		18657.0			---	ML	2.9	5526690	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	253.4	Lg	08:36:42.248	-0.1					T__					---		5526691	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.9 magdef=1)																										
(Station ML: 2.9 magdef=0)																										
MPLH	0.23	37.5	Pg	08:36:40.075	-1.4					T__		440.6			---	ML	1.6	5526686	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

MPLH	0.23	37.5	Lg	08:36:47.564	1.9					T__						5526687	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=0)																								
A263A	0.35	182.5	Lg	08:36:49.448	0.2					T__						5526692	FDSN	Z3	00	BUD	iLoc	HHN	???	_
CSKK	0.73	59.1	Lg	08:37:05.498	2.1					T__						5526689	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOGS	0.92	234.4	Lg	08:37:07.191	0.7					T__						5526688	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		
2020/05/28	08:54:46.69	1.56	0.19	46.0003	17.9411				0.0	0.0	6	0	316	0.14	0.57	kx	BUD	16001076	BUD					
2020/05/28	08:54:47.78	1.00	0.60	46.1204	18.0243f				0.0f		6	3	260	0.06	0.44	kx	BUD_GT	16001077	BUD			316		
(locality : Bükkösd Hungary)																								
(description : known quarry blast)																								
(GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	16001077

Sta	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	08:54:49.733	0.0					T__		602.2			ML	1.3	5526713	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	08:54:50.900	-0.7					T__						5526714	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A266A	0.44	22.3	Pg	08:54:57.531	0.5					T__		291.0			ML	2.0	5526716	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
A266A	0.44	22.3	Lg	08:55:04.847	0.7					T__						5526718	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MORH	0.44	77.4	Pg	08:54:57.030	-0.0					T__		43.7			ML	1.2	5526715	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.44	77.4	Lg	08:55:03.362	-0.8					T__						5526717	FDSN	HU	--	iLoc	BUD	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
2020/05/28	09:11:08.11	1.17	0.67	48.5533	20.7819	7.7	3.8	14	0.0f		14	8	164	0.17	1.29	sx	BUD	16001078	BUD			201

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	7 BUD	16001078

Sta	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	250.5	Pg	09:11:11.963	0.2					T__		670.7			ML	1.6	5526756	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	250.5	Lg	09:11:15.402	0.8					T__						5526757	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.21	250.5	Pg	09:11:12.484	-0.0					T__		5058.5			ML	2.6	5526758	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	250.5	Lg	09:11:16.251	0.3					T__						5526759	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
ABAH	0.40	130.0	Pg	09:11:16.714	0.4					T__		95.4			ML	1.4	5526752	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	130.0	Lg	09:11:22.808	-0.5					T__						5526753	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

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HU02A  0.46 201.8 Pg      09:11:17.929 -0.0      T__      62.0      ___ ML      1.4 5526754  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU02A  0.46 201.8 Lg      09:11:24.402 -1.1      T__      ___      ___      5526755  FDSN ZJ      00 BUD  iLoc  HHE ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ    0.87 223.4 Pn      09:11:26.022 -0.6      T__      63.6      ___ ML      1.8 5526760  FDSN GE      -- BUD  iLoc  HHZ HHZ  _
PSZ    0.87 223.4 Lg      09:11:39.317 -0.2      T__      ___      ___      5526761  FDSN GE      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
LANS   1.05 305.0 Pg      09:11:28.397 -0.5      T__      55.3      ___ ML      1.8 5526762  FDSN SK      -- BUD  iLoc  EHZ EHZ  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TRPA   1.25 109.2 Sn      09:11:49.662 -1.0      T__      ___      ___      5526763  FDSN HU      -- BUD  iLoc  HHE ???  _
VYHS   1.29 268.1 Pn      09:11:33.555  1.0      T__      9.3      ___ ML      1.2 5526764  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
VYHS   1.29 268.1 Sn      09:11:52.134  0.1      T__      ___      ___      5526765  FDSN SK      -- BUD  iLoc  HHZ ???  _
(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
2020/05/28 09:28:18.06  1.08  0.40  47.2365  18.2999  6.2  4.4 105  0.0f  8  5 148  0.13  0.52  sx BUD  16001080  BUD  255

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```

Magnitude  Err Nsta Author  OrigID
ML 1.5 0.1 3 BUD 16001080

```

```

Sta  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  0.13 348.1 Pg      09:28:21.184 -0.1      T__      306.0      ___ ML      1.1 5526797  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
CSKK  0.13 348.1 Lg      09:28:24.025 -0.3      T__      ___      ___      5526798  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A267A 0.32 156.7 Lg      09:28:30.080 -0.4      T__      ___      ___      5526803  FDSN Z3      00 BUD  iLoc  HHN ???  _
HU08A 0.32 307.4 Lg      09:28:30.336 -0.4      T__      ___      ___      5526804  FDSN ZJ      00 BUD  iLoc  HHE ???  _
HU09A 0.41  7.9 Pg      09:28:26.970  0.4      T__      131.7      ___ ML      1.5 5526799  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU09A 0.41  7.9 Lg      09:28:33.880  0.1      T__      ___      ___      5526800  FDSN ZJ      00 BUD  iLoc  HHE ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MPLH  0.52 263.0 Pg      09:28:28.982  0.1      T__      51.1      ___ ML      1.5 5526801  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
MPLH  0.52 263.0 Lg      09:28:37.570  0.5      T__      ___      ___      5526802  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
2020/05/28 09:36:37.79  0.32  0.68  48.3064  21.2419  0.0  0.0  13  0 119  0.01  1.16  kx BUD  16001082  BUD
2020/05/28 09:36:36.17  0.93  0.57  48.2470  21.2460f  0.0f  13  9 97  0.05  1.19  kx BUD_GT 16001083  BUD 153

```

```

(locality : Tálya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude  Err Nsta Author  OrigID
ML 2.0 0.2 5 BUD 16001083

```

```

Sta  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	09:36:37.973	0.2	T__	34754.3	___	ML	3.0	5526835	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=0)																			
HU02A	0.50	255.8	Pg	09:36:46.275	-0.5	T__	160.7	___	ML	1.9	5526842	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:36:54.218	-0.6	T__		___			5526843	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
JOS	0.53	298.1	Pg	09:36:47.205	0.3	T__	118.0	___	ML	1.9	5526836	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:36:54.257	-0.8	T__		___			5526837	FDSN	ZJ	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
KECS	0.56	295.3	Pg	09:36:47.757	0.3	T__	290.2	___	ML	2.3	5526838	FDSN	SK	--	iLoc	BUD	EHE	EHZ	_
KECS	0.56	295.3	Lg	09:36:55.857	-0.1	T__		___			5526839	FDSN	SK	--	iLoc	BUD	EHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
TRPA	0.87	97.2	Lg	09:37:07.128	-0.5	T__		___			5526844	FDSN	HU	--	iLoc	BUD	HHE	???	_
PSZ	0.96	250.6	Pn	09:36:56.031	0.0	T__	91.4	___	ML	2.0	5526840	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:37:10.103	-0.8	T__		___			5526841	FDSN	GE	--	iLoc	BUD	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
LTVH	0.97	152.7	Lg	09:37:11.436	0.7	T__		___			5526846	FDSN	HU	--	iLoc	BUD	HHE	???	_
MUKU	0.98	77.3	Pg	09:36:55.694	0.6	T__		___			5526845	FDSN	UA	--	iLoc	BUD	MHZ	???	_
STZU	1.19	49.4	Pg	09:36:59.705	0.8	T__		___			5526847	FDSN	UA	--	iLoc	BUD	MHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/05/29	07:36:10.03	1.14	0.89	48.5897	19.6445	11.1	3.7	3	0.0f		9	6	198	0.55	1.10	sx	BUD	16001084	BUD		292	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.5	4 BUD	16001084

Sta	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	260.2	Pg	07:36:21.489	0.3					T__		9.6		___	ML	0.8	5526885	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.55	260.2	Lg	07:36:28.425	-0.8					T__				___		5526884	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KECS	0.57	100.5	Pg	07:36:22.075	0.6					T__	229.8			___	ML	2.2	5526878	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
JOS	0.60	98.6	Pg	07:36:22.236	0.2					T__	62.4			___	ML	1.6	5526877	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	98.6	Lg	07:36:30.619	-0.5					T__				___		5526881	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.69	165.9	Lg	07:36:36.354	1.0					T__				___		5526883	FDSN	GE	--	BUD	iLoc	HHE	???	_	
HU02A	0.75	128.2	Pg	07:36:24.582	-1.0					T__	36.4			___	ML	1.5	5526879	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.75	128.2	Lg	07:36:36.282	-1.0					T__				___		5526880	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	1.10	104.9	Lg	07:36:48.632	0.5					T__				___		5526882	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
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2020/05/29 10:45:30.06 0.92 0.62 48.4368 19.5684 5.4 3.5 15 0.0f 11 6 119 0.49 0.72 sx BUD 16001086 BUD 197

Magnitude Err Nsta Author OrigID
 ML 1.4 0.0 6 BUD 16001086

Sta	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	277.0	Pg	10:45:40.513	0.4					T__		8.3		---	ML	0.6 5526972	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.49	277.0	Lg	10:45:46.584	-0.9					T__				---		5526971	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=0)																								
PSZ	0.56	157.1	Pg	10:45:42.604	0.4					T__		37.6		---	ML	1.4 5526969	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.56	157.1	Lg	10:45:51.012	-0.0					T__				---		5526970	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
KECS	0.61	85.3	Pg	10:45:42.482	0.1					T__		99.9		---	ML	1.8 5526973	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.61	85.3	Lg	10:45:51.409	-0.2					T__				---		5526974	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																								
JOS	0.65	84.4	Pg	10:45:43.272	0.3					T__		32.4		---	ML	1.4 5526965	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	84.4	Lg	10:45:52.709	-0.1					T__				---		5526966	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU02A	0.71	115.9	Pg	10:45:45.243	0.4					T__		20.5		---	ML	1.2 5526967	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	115.9	Lg	10:45:54.767	-1.3					T__				---		5526968	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
LANS	0.72	354.7	Pg	10:45:44.620	0.4					T__		31.7		---	ML	1.4 5526975	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(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
 2020/05/29 10:46:32.13 0.98 0.35 48.4488 19.5582 7.7 3.9 12 6.5 20.4 9 5 169 0.48 0.72 sx BUD 16001088 BUD 288

Magnitude Err Nsta Author OrigID
 ML 1.3 0.0 5 BUD 16001088

Sta	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	275.6	Pg	10:46:42.252	0.2					T__		9.0		---	ML	0.6 5527024	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.48	275.6	Lg	10:46:48.752	-0.4					T__				---		5527025	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=0)																								
PSZ	0.58	156.9	Pg	10:46:44.708	0.3					T__		32.1		---	ML	1.3 5527026	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.58	156.9	Lg	10:46:52.937	-0.4					T__				---		5527027	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
KECS	0.62	86.5	Pg	10:46:44.703	0.2					T__		94.6		---	ML	1.8 5527030	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.62	86.5	Lg	10:46:53.517	-0.2					T__				---		5527031	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																								
JOS	0.65	85.5	Pg	10:46:45.209	0.1					T__		30.8		---	ML	1.4 5527028	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	85.5	Lg	10:46:54.659	-0.2					T__				---		5527029	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								

(Station ML: 1.4 magdef=1
 HU02A 0.72 116.5 Pg 10:46:47.194 0.1 T__ 21.2 ___ ML 1.2 5527032 FDSN ZJ 00 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
2020/05/29	10:49:23.17	0.96	0.42	48.4414	19.5673	7.3	3.7	6	0.0f	8	4	168	0.49	0.65	sx	BUD	16001090	BUD			287	

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.4	4 BUD	16001090

Sta	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	276.5	Pg	10:49:33.540	0.3					T__		7.1		___	ML	0.5	5527062	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.49	276.5	Lg	10:49:39.920	-0.6					T__				---		5527063	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1																									
PSZ	0.57	157.2	Pg	10:49:35.639	0.2					T__		31.4		___	ML	1.3	5527069	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.57	157.2	Lg	10:49:43.957	-0.3					T__				---		5527064	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
KECS	0.61	85.7	Pg	10:49:35.773	0.3					T__		76.7		___	ML	1.7	5527068	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.61	85.7	Lg	10:49:44.522	-0.2					T__				---		5527067	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
JOS	0.65	84.8	Pg	10:49:36.140	0.0					T__		20.6		___	ML	1.2	5527065	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	84.8	Lg	10:49:45.706	-0.3					T__				---		5527066	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
2020/05/29	11:45:53.01	3.79	0.66	48.6328	20.7786	22.1	13.0	29	10.0f	6	3	325	0.21	0.54	sx	BUD	16001092	BUD			356	

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.4	3 BUD	16001092

Sta	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	229.3	Pg	11:45:58.011	0.4					T__		80.2		___	ML	0.8	5527093	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.21	229.3	Lg	11:46:01.602	0.4					T__				---		5527094	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																									
KECS	0.25	232.5	Pg	11:45:57.857	-0.5					T__		242.1		___	ML	1.4	5527096	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.25	232.5	Lg	11:46:02.408	0.0					T__				---		5527097	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
HU02A	0.54	198.4	Pg	11:46:04.555	0.3					T__		17.8		___	ML	1.0	5527098	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.54	198.4	Lg	11:46:11.617	-0.9					T__				---		5527095	FDSN	ZJ	00	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
2020/05/30	00:22:07.97	1.35	0.53	47.3570	18.2851	7.2	3.6	99	1.5f	6	3	248	0.02	0.07	ke	BUD	16001094	BUD				316

Magnitude	Err	Nsta	Author	OrigID
ML	0.5	0.0	3 BUD	16001094

Sta	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	290.0	Pg	00:22:09.058	0.3					T__		162.0		_c_	ML	0.6	5527150	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	290.0	Lg	00:22:09.381	-0.3					T__				---		5527154	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
MSW1	0.04	333.7	Pg	00:22:09.422	0.3					T__		134.1		_c_	ML	0.5	5527151	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.04	333.7	Lg	00:22:09.860	-0.5					T__				---		5527155	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
MSW2	0.07	222.7	Pg	00:22:10.102	0.3					T__		35.0		---	ML	0.1	5527152	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	222.7	Lg	00:22:11.051	-0.5					T__				---		5527153	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.1 magdef=1)																									
(Station ML: 0.1 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	
2020/06/01	01:42:31.18	2.16	0.44	47.4359	18.2115	12.2	4.2	5	6.6	8.4	10	6	263	0.05	0.53	ke	BUD	16001096	BUD				275

Magnitude	Err	Nsta	Author	OrigID
ML	-0.0	0.1	6 BUD	16001096

Sta	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	143.1	Pg	01:42:33.396	0.3					T__		36.8		---	ML	0.0	5527187	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.05	143.1	Lg	01:42:34.327	-0.5					T__				---		5527186	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.0 magdef=1)																									
(Station ML: 0.0 magdef=1)																									
MSW3	0.08	227.7	Pg	01:42:33.731	0.4					T__		24.6		---	ML	-0.1	5527191	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.08	227.7	Lg	01:42:35.063	-0.3					T__				---		5527190	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: -0.1 magdef=1)																									
(Station ML: -0.1 magdef=1)																									
CSKK	0.08	155.4	Pg	01:42:33.787	0.3					T__		26.1		---	ML	-0.1	5527192	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	155.4	Lg	01:42:34.969	-0.5					T__				---		5527193	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: -0.1 magdef=1)																									
(Station ML: -0.1 magdef=1)																									
MSW2	0.13	180.2	Pg	01:42:34.774	0.4					T__		14.4		---	ML	-0.2	5527188	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.13	180.2	Lg	01:42:36.916	-0.2					T__				---		5527189	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: -0.2 magdef=1)																									
(Station ML: -0.2 magdef=0)																									
A267A	0.52	159.3	Pg	01:42:41.786	0.1					T__		41.2		---	ML	1.4	5527194	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
MPLH	0.53	240.1	Pg	01:42:41.879	0.0					T__		20.6		---	ML	1.1	5527195	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(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
2020/06/01	08:54:25.29	1.51	1.38	48.4524	17.5777	11.1	3.7	134	10.6	9.2	12	7	206	0.17	1.83	sx	BUD	16001104	BUD			223

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	16001104

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A334A	0.17	22.9	Pg	08:54:29.470	0.2					T__		2030.5		___	ML	2.1	5527557	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A334A	0.17	22.9	Lg	08:54:33.250	0.9					T__				---		5527558	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 2.1 magdef=1																					
				(Station ML: 2.1 magdef=0																					
MODS	0.22	248.6	Pg	08:54:29.730	-0.5					T__				---		5527553	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.22	248.6	Lg	08:54:33.124	-1.1					T__				---		5527554	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
JAVC	0.41	8.6	Pg	08:54:33.162	-0.9					T__	117.3			---	ML	1.5	5527555	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.41	8.6	Lg	08:54:39.565	-1.1					T__				---		5527556	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=0																					
A001A	0.71	293.2	Pg	08:54:39.642	0.3					T__		43.3		---	ML	1.5	5527559	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.71	293.2	Lg	08:54:52.114	2.2					T__				---		5527560	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					
KRUC	0.99	308.4	Lg	08:54:57.806	-1.0					T__				---		5527561	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	1.26	246.1	Pn	08:54:49.812	1.4					T__		24.7		---	ML	1.6	5527551	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.26	246.1	Lg	08:55:07.632	0.9					T__				---		5527552	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1																					
				(Station ML: 1.6 magdef=1																					
ARSA	1.83	229.8	Pn	08:54:57.744	1.5					T__		21.5		---	ML	1.9	5527562	FDSN	OE	--	BUD	iLoc	HHN	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
2020/06/01	09:16:36.59	1.80	0.95	48.5600	20.7669	15.1	4.0	6	0.0f		12	7	222	0.16	1.29	sx	BUD	16001106	BUD			292

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	5 BUD	16001106

Sta	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	247.1	Pg	09:16:39.932	-0.2					T__		378.6		___	ML	1.3	5527600	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	247.1	Lg	09:16:43.519	0.7					T__				---		5527601	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1																					
				(Station ML: 1.3 magdef=1																					
KECS	0.20	247.8	Pg	09:16:40.634	-0.2					T__	1103.3			---	ML	1.9	5527602	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	247.8	Lg	09:16:44.405	0.2					T__				---		5527603	FDSN	SK	--	BUD	iLoc	EHE	???	_	
				(Reading ML: 1.9 magdef=1																					
				(Station ML: 1.9 magdef=0																					
ABAH	0.41	129.8	Pg	09:16:45.001	-0.0					T__		58.4		---	ML	1.2	5527598	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	129.8	Lg	09:16:52.239	0.1					T__				---		5527599	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1																					
				(Station ML: 1.2 magdef=1																					
HU02A	0.47	200.3	Lg	09:16:54.135	0.1					T__				---		5527606	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.87	222.6	Pn	09:16:54.835	-0.3					T__		64.3		---	ML	1.8	5527605	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	222.6	Lg	09:17:07.673	-0.3					T__				---		5527604	FDSN	GE	--	BUD	iLoc	HHE	???	_	


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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU03A 1.02 230.4 Sn 09:17:14.117 1.0 T__ --- 5527609 FDSN ZJ 00 BUD iLoc HHZ ??? _
VYHS 1.29 267.8 Pn 09:17:01.528 0.6 T__ 7.0 --- ML 1.1 5527607 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 267.8 Sn 09:17:17.779 -2.5 T__ --- 5527608 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 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
2020/06/01 09:31:33.21 0.99 0.49 45.9875 22.6523 7.2 4.7 108 0.0f 9 5 119 0.60 0.98 sx BUD 16001108 BUD 191

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Magnitude Err Nsta Author OrigID
ML 1.8 0.4 4 BUD 16001108

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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
GZR 0.60 171.6 Pg 09:31:44.557 -0.2 T__ 79.3 --- ML 1.7 5527646 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.60 171.6 Lg 09:31:53.506 0.2 T__ --- 5527647 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.81 2.9 Pg 09:31:49.162 -0.2 T__ 82.8 --- ML 1.9 5527639 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.81 2.9 Lg 09:32:01.505 -0.2 T__ --- 5527640 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BZS 0.81 243.3 Pg 09:31:49.464 0.3 T__ 23.0 --- ML 1.3 5527643 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.81 243.3 Lg 09:32:00.405 -0.3 T__ --- 5527644 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
LOT 0.95 124.2 Lg 09:32:05.575 0.3 T__ --- 5527645 FDSN RO -- BUD iLoc HHE ??? _
CJR 0.98 41.7 Pg 09:31:52.453 -0.1 T__ 152.4 --- ML 2.2 5527641 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 0.98 41.7 Lg 09:32:08.531 1.0 T__ --- 5527642 FDSN RO -- BUD iLoc HHE ??? _
(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
2020/06/01 17:24:31.19 0.69 1.27 47.8541 17.2463 2.5 2.1 166 9.5 5.0 101 56 19 0.16 3.95 ke BUD 16001110 BUD 28

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Magnitude Err Nsta Author OrigID
ML 2.3 0.4 44 BUD 16001110

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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
A003A 0.16 233.9 Pg 17:24:35.484 0.4 T__ 6876.8 --- ML 2.6 5527779 FDSN Z3 00 BUD iLoc HHZ HHZ _
A003A 0.16 233.9 Lg 17:24:37.983 0.0 T__ --- 5527780 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
EGYH 0.44 172.4 Pg 17:24:40.332 0.1 T__ 396.4 --- ML 2.1 5527786 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.44 172.4 Lg 17:24:46.637 -0.3 T__ --- 5527787 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
SOP 0.49 250.0 Pg 17:24:40.731 -0.5 T__ 525.8 --- ML 2.4 5527788 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.49 250.0 Lg 17:24:47.076 -0.9 T__ --- 5527789 FDSN HU -- BUD iLoc HHZ ??? _

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(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																				
MODS	0.52	2.3	Pg	17:24:42.270	0.4	T__				5527777	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.52	2.3	Lg	17:24:49.121	-0.9	T__				5527778	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
A337A	0.53	42.8	Pg	17:24:42.990	0.9	T__	551.5		---	ML	2.5	5527775	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A337A	0.53	42.8	Lg	17:24:51.774	1.4	T__				---		5527776	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																				
A004A	0.58	281.1	Pg	17:24:43.250	0.5	T__	653.2		---	ML	2.6	5527790	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.58	281.1	Lg	17:24:51.344	0.6	T__				---		5527791	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1																				
HU08A	0.62	132.5	Pn	17:24:45.100	0.1	T__	488.6		---	ML	2.5	5527784	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.62	132.5	Lg	17:24:52.030	-1.4	T__				---		5527785	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																				
RONA	0.66	256.8	Pg	17:24:43.760	-0.7	T__	37.8	0.10	---	i ML	1.4	45539425	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.66	256.8	Lg	17:24:52.571	-0.7	T__	0.9	0.04	---	e ML	-0.2	45539426	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																				
A260A	0.68	212.9	Pg	17:24:44.271	-0.5	T__	612.8		---	ML	2.7	5527792	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.68	212.9	Lg	17:24:53.667	-0.2	T__				---		5527793	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0																				
MPLH	0.71	163.7	Pg	17:24:46.060	0.6	T__	147.4		---	ML	2.1	5527794	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.71	163.7	Lg	17:24:55.738	-0.1	T__				---		5527795	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																				
SR0	0.72	92.9	Pg	17:24:45.534	-0.1	T__	2008.2		---	ML	3.2	5527781	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.72	92.9	Lg	17:24:56.988	-0.1	T__				---		5527782	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=0																				
MSW3	0.76	128.0	Pn	17:24:46.882	0.0	T__	163.8		---	ML	2.1	5527796	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.76	128.0	Lg	17:24:57.288	-0.9	T__				---		5527797	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																				
A338A	0.76	77.4	Pg	17:24:47.106	0.6	T__	463.1		---	ML	2.6	5527798	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	0.76	77.4	Lg	17:24:58.599	0.0	T__				---		5527799	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1																				
HU09A	0.80	105.3	Pn	17:24:47.924	0.5	T__	798.5		---	ML	2.8	5527800	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_
HU09A	0.80	105.3	Lg	17:24:59.128	-0.5	T__				---		5527801	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=0																				
A334A	0.80	20.7	Pg	17:24:47.467	0.1	T__	371.0		---	ML	2.5	5527783	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																				
MSW1	0.83	123.6	Pg	17:24:47.955	0.4	T__	159.8		---	ML	2.2	5527802	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.83	123.6	Lg	17:24:59.553	-1.0	T__				---		5527803	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																				
WINA	0.83	288.3	Pg	17:24:47.363	-0.1	T__	2.1	0.18	---	e ML	0.3	45539429	FDSN	IR	--	ISC	iLoc	???	???	_
WINA	0.83	288.3	Lg	17:24:58.606	-0.0	T__	1.6	0.08	---	e ML	0.2	45539430	FDSN	IR	--	ISC	iLoc	???	???	_

(Reading ML: 0.3 magdef=1)																			
(Station ML: 0.3 magdef=0)																			
CSKK	0.84	125.2	Pn	17:24:48.320	0.3	T__	333.7	___	ML	2.5	5527804	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.84	125.2	Lg	17:24:59.024	-2.2	T__		---			5527805	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
MSW2	0.86	129.9	Pn	17:24:48.482	0.3	T__	187.7	___	ML	2.2	5527807	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.86	129.9	Lg	17:24:59.633	-1.8	T__		---			5527808	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A005B	0.87	307.0	Sn	17:25:01.986	0.6	T__		---			5527806	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A261A	0.91	184.2	Pg	17:24:48.925	-0.2	T__	266.6	---	ML	2.4	5527809	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.91	184.2	Sn	17:25:01.931	-0.1	T__		---			5527810	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
CONA	0.93	275.1	Pg	17:24:49.272	-0.5	T__	174.5	---	ML	2.3	5527811	FDSN	OE	--	BUD	iLoc	HHN	HHZ	_
CONA	0.93	275.1	Lg	17:25:01.975	0.0	T__		---			5527812	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A335A	0.94	50.5	Pn	17:24:49.477	-0.1	T__	484.6	---	ML	2.7	5527813	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_
A335A	0.94	50.5	Lg	17:25:02.574	-1.3	T__		---			5527814	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
A001A	0.98	333.7	Pn	17:24:51.337	1.1	T__	61.5	---	ML	1.8	5527815	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.98	333.7	Sn	17:25:05.763	1.2	T__		---			5527816	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
JAVC	1.04	15.6	Pn	17:24:52.206	0.9	T__	67.1	---	ML	1.9	5527817	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.04	15.6	Sn	17:25:07.700	0.7	T__	0.1	---	ML	-0.9	13147599	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
A262A	1.10	206.5	Lg	17:25:09.138	1.7	T__		---			5527818	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
A010A	1.11	225.8	Pn	17:24:52.153	0.2	T__	259.7	---	ML	2.5	5527819	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A010A	1.11	225.8	Sn	17:25:07.591	0.7	T__		---			5527820	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
A008A	1.19	296.3	Pg	17:24:53.909	-0.1	T__	565.6	---	ML	2.9	5527821	FDSN	Z3	00	BUD	iLoc	HH2	HHZ	_
A008A	1.19	296.3	Sn	17:25:09.834	0.7	T__		---			5527822	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
HU10A	1.19	89.8	Pg	17:24:54.875	-0.1	T__	115.7	---	ML	2.2	5527826	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A006A	1.21	317.7	Pn	17:24:54.006	0.6	T__	193.9	---	ML	2.5	5527824	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	1.21	317.7	Sn	17:25:10.638	0.7	T__		---			5527825	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
A263A	1.21	177.8	Sn	17:25:10.418	0.9	T__		---			5527823	FDSN	Z3	00	BUD	iLoc	HHN	???	_
VYHS	1.24	58.4	Pn	17:24:53.289	-0.5	T__	35.3	---	ML	1.7	5527829	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.24	58.4	Pg	17:24:55.061	-0.8	T__		---			5527830	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
A332A	1.25	40.1	Pn	17:24:54.338	0.4	T__	204.5	---	ML	2.5	5527831	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A332A	1.25	40.1	Sn	17:25:12.344	0.8	T__			5527832	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
A013A	1.25	280.3	Pn	17:24:54.868	0.8	T__	452.0	---	ML	2.9	5527827	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	1.25	280.3	Lg	17:25:12.082	0.2	T__		---			5527828	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
ARSA	1.31	243.3	Pn	17:24:55.247	0.3	T__	107.5	---	ML	2.3	5527833	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.31	243.3	Lg	17:25:13.644	0.6	T__		---			5527834	FDSN	OE	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
KRUC	1.33	335.2	Pn	17:24:55.233	0.1	T__	0.0	---		0.0	13147602	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.33	335.2	Pn	17:24:55.233	0.1	T__	46.2	---	ML	1.9	5527835	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.33	335.2	Sn	17:25:12.847	-0.3	T__		---			5527836	FDSN	CZ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
BEHE	1.42	193.2	Lg	17:25:19.873	2.4	T__		---			5527837	FDSN	HU	--	BUD	iLoc	HHN	???	_
VRAC	1.52	343.7	Pn	17:24:58.669	1.0	T__	34.3	---	ML	1.9	5527838	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.52	343.7	Sn	17:25:17.954	0.1	T__		---			5527839	FDSN	CZ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KOVH	1.86	161.4	Pn	17:25:02.142	0.2	T__	27.3	---	ML	2.0	5527840	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
MORH	1.90	149.3	Pn	17:25:02.671	0.3	T__	23.5	---	ML	1.9	5527841	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.90	149.3	Sn	17:25:29.834	3.4	T__		---			5527842	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
SOKA	1.91	232.8	Pn	17:25:03.028	-0.5	T__	0.1	0.16	_e ML	-0.4	45539427	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.91	232.8	Sn	17:25:26.422	-0.8	T__	0.6	0.18	_e ML	0.3	45539428	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.3 magdef=1)																			
(Station ML: 0.3 magdef=0)																			
MORC	1.93	5.7	Sn	17:25:28.566	-0.2	T__		---			5527843	FDSN	CZ	--	BUD	iLoc	HHZ	???	_
MOA	2.01	271.0	Pn	17:25:04.590	-0.3	T__	0.5	0.12	_e ML	0.3	45539421	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	2.01	271.0	Sn	17:25:29.487	-0.3	T__	0.8	0.14	_e ML	0.5	45539422	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.5 magdef=1)																			
(Station ML: 0.5 magdef=0)																			
CKRC	2.18	297.3	Pg	17:25:10.700	-1.5	T__		---	_e		49826960	FDSN	IR	--	ISC	iLoc	???	???	_
CKRC	2.18	297.3	Sn	17:25:38.100	4.2	T__		---	_e		49826961	FDSN	IR	--	ISC	iLoc	???	???	_
HU21A	2.28	131.0	Pn	17:25:08.827	1.2	T__	114.5	---	ML	2.8	5527846	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
OBKA	2.28	234.8	Pg	17:25:15.058	1.9	T__	45.8	---	ML	2.4	5527844	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	2.28	234.8	Sn	17:25:36.274	-0.3	T__	1.3	0.46	_e ML	0.9	45539424	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	2.28	234.8	Lg	17:25:44.337	0.5	T__		---			5527845	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
JOS	2.30	72.5	Pg	17:25:14.560	-1.5	T__	16.7	---	ML	2.0	5527847	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
CRES	2.37	211.8	Lg	17:25:48.269	1.0	T__		---			5527848	FDSN	SL	--	BUD	iLoc	BHZ	???	_
BIOA	2.44	267.5	Pn	17:25:10.464	-0.6	T__	1.0	0.26	_e ML	0.9	45539414	FDSN	IR	--	ISC	iLoc	???	???	_
BIOA	2.44	267.5	Sn	17:25:39.785	-0.7	T__	0.9	0.30	_e ML	0.8	45539415	FDSN	IR	--	ISC	iLoc	???	???	_

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(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
ZVC 2.57 309.2 Pg 17:25:18.100 -1.7 T__ _e 49826967 FDSN IR -- ISC iLoc ??? ??? _
ZVC 2.57 309.2 Lg 17:25:50.600 -2.6 T__ _e 49826968 FDSN IR -- ISC iLoc ??? ??? _
HU05A 2.65 95.1 Sn 17:25:49.791 5.2 T__ _ 5527849 FDSN ZJ 00 BUD iLoc HHZ ??? _
KHC 2.75 299.0 Pn 17:25:16.700 1.8 T__ _e 49826962 FDSN IR -- ISC iLoc ??? ??? _
KHC 2.75 299.0 Pg 17:25:20.900 -2.1 T__ _e 49826963 FDSN IR -- ISC iLoc ??? ??? _
KHC 2.75 299.0 Sn 17:25:48.600 0.7 T__ _e 49826964 FDSN IR -- ISC iLoc ??? ??? _
KHC 2.75 299.0 Lg 17:25:56.300 -3.4 T__ _e 49826965 FDSN IR -- ISC iLoc ??? ??? _
KBA 2.76 255.1 Pn 17:25:14.509 -1.4 T__ 0.1 0.20 _e ML 0.0 45539418 FDSN IR -- ISC iLoc ??? ??? _
KBA 2.76 255.1 Sn 17:25:48.168 -0.9 T__ 1.8 0.56 _e ML 1.3 45539419 FDSN IR -- ISC iLoc ??? ??? _

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(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
BLY 3.11 180.8 Pn 17:25:19.980 0.4 T__ 44.0 _ ML 2.9 5527850 FDSN MN -- BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
LESA 3.12 263.8 Pn 17:25:19.537 -1.2 T__ 0.1 0.16 _i ML 0.2 45539420 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=0
NKC 3.95 308.8 Lg 17:26:34.000 -3.6 T__ _e 49826966 FDSN IR -- ISC iLoc ??? ??? _

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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
2020/06/02	06:47:55.94	1.52	0.65	48.0655	20.6770	9.5	5.2	138	0.0f		8	5	196	0.12	0.55	sx	BUD	16001116	BUD		266	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	16001116

Sta	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	299.2	Pg	06:47:59.076	0.1					T__		661.9			ML	1.4	5528018	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.12	299.2	Lg	06:48:00.522	-1.0					T__						5528019	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
KECS	0.44	343.1	Lg	06:48:11.747	0.1					T__						5528017	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.44	348.0	Pg	06:48:05.251	0.4					T__		71.8			ML	1.4	5528015	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.44	348.0	Lg	06:48:11.727	-0.0					T__						5528016	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
ABAH	0.44	58.3	Lg	06:48:11.938	-0.8					T__						5528022	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.55	254.6	Pg	06:48:08.205	0.4					T__		42.5			ML	1.4	5528020	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.55	254.6	Lg	06:48:16.163	-0.3					T__						5528021	FDSN	GE	--	BUD	iLoc	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
2020/06/02	08:29:10.43	1.72	0.85	48.2972	19.0034	15.9	8.3	7	4.5	26.5	8	5	189	0.23	1.04	sx	BUD	16001118	BUD		231	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	16001118

Sta	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	330.5	Pg	08:29:15.321	0.1	T__	61.0	___	ML	0.7	5528051	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.23	330.5	Lg	08:29:18.600	-0.2	T__		---			5528052	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 0.7 magdef=1)																			
(Station ML: 0.7 magdef=1)																			
A335A	0.47	288.8	Lg	08:29:27.040	-0.2	T__		---			5528053	FDSN	Z3	00	BUD	iLoc	HHE	???	_
KECS	1.01	78.8	Lg	08:29:45.252	0.2	T__		---			5528048	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU02A	1.03	99.2	Pn	08:29:31.984	1.4	T__	21.4	---	ML	1.4	5528049	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.03	99.2	Lg	08:29:46.075	-0.7	T__		---			5528050	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
JOS	1.04	78.4	Pg	08:29:31.199	0.2	T__	19.4	---	ML	1.4	5528046	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.04	78.4	Lg	08:29:45.638	-0.5	T__		---			5528047	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
2020/06/02	10:52:58.08	1.23	0.29	48.3185	19.9043	9.8	3.8	134	10.0f		10	6	149	0.40	1.05	sx	BUD	16001120	BUD			220

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	6 BUD	16001120

Sta	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	181.0	Pg	10:53:06.998	0.1					T__		106.0		___	ML	1.4	5528111	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.40	181.0	Lg	10:53:13.459	0.1					T__				---		5528112	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.42	66.7	Pg	10:53:06.551	-0.1					T__		153.8		___	ML	1.7	5528113	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.46	67.0	Pg	10:53:07.120	-0.1					T__		60.7		___	ML	1.4	5528107	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	67.0	Lg	10:53:14.571	0.3					T__				---		5528108	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.46	115.1	Pg	10:53:07.917	0.1					T__		49.6		___	ML	1.3	5528109	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	115.1	Lg	10:53:14.622	-0.4					T__				---		5528110	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU03A	0.46	206.3	Pg	10:53:07.617	-0.3					T__		63.8		___	ML	1.4	5528114	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.46	206.3	Lg	10:53:15.048	0.2					T__				---		5528115	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A335A	1.05	277.6	Pn	10:53:18.241	0.4					T__		60.1		___	ML	1.9	5528116	FDSN	Z3	00	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
2020/06/02	12:02:57.65	3.53	1.12	48.8370	21.2698	23.1	9.3	21	0.0f		9	5	306	0.54	1.30	sx	BUD	16001122	BUD			338

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	16001122

Sta	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	182.1	Pg	12:03:08.597	0.0					T__		42.0		---	ML	1.4	5528153	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.54	182.1	Lg	12:03:17.558	-0.1					T__				---		5528154	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	0.59	235.1	Pg	12:03:09.383	-0.1					T__		57.1		---	ML	1.6	5528150	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.59	235.1	Lg	12:03:18.843	0.5					T__				---		5528151	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.63	236.0	Lg	12:03:19.370	-0.3					T__				---		5528149	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.87	215.0	Pn	12:03:14.587	-1.5					T__		39.1		---	ML	1.6	5528152	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.87	215.0	Lg	12:03:28.665	-0.2					T__				---		5528155	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.30	225.4	Pn	12:03:23.662	1.4					T__		27.3		---	ML	1.7	5528156	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.30	225.4	Sn	12:03:43.385	1.6					T__				---		5528157	FDSN	GE	--	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		
2020/06/03	08:15:17.45	0.38	1.67	47.5426	18.4400				0.0	0.0	11	0	105	0.10	1.34	kx	BUD	16001124	BUD					
2020/06/03	08:15:15.10	0.91	1.32	47.5600	18.4573f				0.0f		11	9	105	0.09	1.35	kx	BUD_GT	16001125	BUD			195		
(locality : Tatabánya Hungary)																								
(description : known quarry blast)																								
(GT info : GT2 explosion)																								

Magnitude Err Nsta Author OrigID
 ML 1.7 0.5 2 BUD 16001125

Sta	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	08:15:17.219	-0.3					T__		3152.1		---	ML	2.1	5528218	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	08:15:19.308	-0.6					T__				---		5528219	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
CSKK	0.24	214.2	Pg	08:15:19.912	-0.5					T__		239.3		---	ML	1.3	5528216	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	08:15:23.747	-1.3					T__				---		5528217	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
SRO	0.27	339.1	Lg	08:15:26.964	0.9					T__				---		5528220	FDSN	SK	--	iLoc	BUD	EHN	???	_	
HU08A	0.38	250.6	Lg	08:15:29.494	-0.3					T__				---		5528221	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
MPLH	0.74	238.3	Lg	08:15:42.153	1.1					T__				---		5528222	FDSN	HU	--	iLoc	BUD	HHN	???	_	
EGYH	0.78	259.8	Lg	08:15:44.155	1.7					T__				---		5528226	FDSN	HU	--	iLoc	BUD	HHN	???	_	
PSZ	1.03	69.2	Lg	08:15:54.153	1.7					T__				---		5528223	FDSN	GE	--	iLoc	BUD	HHN	???	_	
MODS	1.14	316.2	Sn	08:15:52.876	-2.3					T__				---		5528224	FDSN	SK	--	iLoc	BUD	HHZ	???	_	
MORH	1.35	174.5	Sn	08:15:58.173	-1.4					T__				---		5528225	FDSN	HU	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/06/03	08:54:41.13	3.51	1.69	47.2972	18.4032	21.7	8.0	130	0.0f		5	4	260	0.12	0.60	sx	BUD	16001126	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	
CSKK	0.12	304.2	Pg	08:54:44.829	0.7					T__		290.6		---	ML	1.1	5528243	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.12	304.2	Lg	08:54:46.287	-0.7					T__				---		5528247	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HU09A	0.34	357.6	Lg	08:54:53.393	-1.2					T__				---		5528244	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.35	292.5	Lg	08:54:55.248	0.4					T__				---		5528245	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.60	258.1	Lg	08:55:01.022	-1.7					T__				---		5528246	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
2020/06/03	09:11:20.38	0.84	0.76	48.6604	18.6189	4.2	2.9	49	0.0f		17	9	128	0.18	1.38	sx	BUD	16001128	BUD		144	

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 8 BUD 16001128

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
A332A	0.18	324.7	Pg	09:11:24.419	0.3					T__		659.3		---	ML	1.6	5528284	FDSN	Z3	00	BUD	iLoc	HHE	HHZ	_	
A332A	0.18	324.7	Lg	09:11:26.797	-0.1					T__				---		5528283	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																										
VVHS	0.22	139.0	Pg	09:11:25.152	0.1					T__		54.6		---	ML	0.6	5528281	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VVHS	0.22	139.0	Lg	09:11:28.912	0.3					T__				---		5528282	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=0)																										
A335A	0.28	221.5	Pg	09:11:26.450	0.1					T__		309.0		---	ML	1.6	5528286	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A335A	0.28	221.5	Lg	09:11:31.593	0.5					T__				---		5528285	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																										
JAVC	0.66	287.9	Pg	09:11:34.013	0.0					T__		107.1		---	ML	1.9	5528287	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
JAVC	0.66	287.9	Lg	09:11:42.614	-1.7					T__				---		5528288	FDSN	CZ	--	BUD	iLoc	HHZ	???	_		
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																										
MODS	0.94	252.7	Lg	09:11:53.728	0.1					T__				---		5528289	FDSN	SK	--	BUD	iLoc	HHE	???	_		
PSZ	1.13	130.6	Pn	09:11:42.972	0.2					T__		69.4		---	ML	2.0	5528290	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	1.13	130.6	Sn	09:11:58.780	-1.8					T__				---		5528291	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																										
JOS	1.29	96.6	Pn	09:11:44.130	-0.6					T__		69.1		---	ML	2.1	5528292	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	1.29	96.6	Lg	09:12:03.108	-0.9					T__				---		5528293	FDSN	ZJ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																										
MORC	1.32	328.1	Pg	09:11:45.458	0.5					T__		56.7		---	ML	2.0	5528294	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
MORC	1.32	328.1	Lg	09:12:03.561	0.2					T__				---		5528295	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																										
HU02A	1.38	112.3	Pn	09:11:45.807	-0.3					T__		79.0		---	ML	2.2	5528296	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	1.38	112.3	Sn	09:12:06.147	-0.3					T__				---		5528297	FDSN	ZJ	00	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
2020/06/03	09:37:33.04	1.64	1.57	48.5368	17.4228	8.3	3.2	130	0.0	2.8	8	5	146	0.18	1.21	sx	BUD	16001130	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	
A334A	0.18	67.9	Pg	09:37:36.468	-0.6					T__		579.8		---	ML	1.6	5528356	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A334A	0.18	67.9	Lg	09:37:43.056	2.7					T__				---		5528360	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
MODS	0.19	210.7	Pg	09:37:37.246	-0.2					T__				---		5528361	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	210.7	Lg	09:37:40.451	-0.6					T__				---		5528362	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
JAVC	0.36	26.9	Pg	09:37:40.245	-0.6					T__		91.2		---	ML	1.3	5528357	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	26.9	Lg	09:37:46.996	0.1					T__				---		5528358	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
A335A	0.61	98.1	Lg	09:37:54.746	-0.4					T__				---		5528359	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CONA	1.21	240.3	Lg	09:38:13.627	1.2					T__				---		5528363	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
2020/06/03	09:56:43.62	2.90	0.80	47.9170	20.4225	24.7	4.7	141	0.0f		8	4	251	0.22	0.58	sx	BUD	16001132	BUD			345

Magnitude Err Nsta Author OrigID
ML 1.3 0.2 4 BUD 16001132

Sta	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	0.22	18.5	Pg	09:56:48.630	0.0					T__		222.7		---	ML	1.2	5528407	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.22	18.5	Lg	09:56:51.854	-0.9					T__				---		5528408	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.36	270.4	Pg	09:56:52.048	0.4					T__		78.7		---	ML	1.2	5528409	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.36	270.4	Lg	09:56:56.452	-1.2					T__				---		5528412	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.57	4.2	Pg	09:56:55.586	0.5					T__		91.2		---	ML	1.8	5528410	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.57	4.2	Lg	09:57:04.332	0.5					T__				---		5528411	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.58	7.6	Pg	09:56:55.917	0.5					T__		40.7		---	ML	1.4	5528405	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.58	7.6	Lg	09:57:04.081	-0.3					T__				---		5528406	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
2020/06/03	12:30:38.21	0.95	0.55	48.4224	18.4842	4.4	3.7	154	0.0f		8	5	119	0.24	0.81	sx	BUD	16001136	BUD			194

Magnitude Err Nsta Author OrigID
ML 1.3 0.4 4 BUD 16001136

Sta	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	72.9	Pg	12:30:43.377	-0.0	T__	16.8	___	ML	0.2	5528464	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.24	72.9	Lg	12:30:47.095	-0.2	T__		---			5528465	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 0.2 magdef=1)																			
(Station ML: 0.2 magdef=1)																			
A332A	0.38	358.0	Pg	12:30:45.962	-0.1	T__	59.0	___	ML	1.1	5528469	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A332A	0.38	358.0	Lg	12:30:52.425	0.8	T__		---			5528470	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
A338A	0.42	192.2	Pg	12:30:46.983	0.1	T__	189.3	___	ML	1.7	5528471	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
JAVC	0.69	309.3	Pg	12:30:52.401	-0.1	T__	32.2	___	ML	1.4	5528466	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
MODS	0.81	267.0	Pg	12:30:54.975	0.3	T__		---			5528467	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.81	267.0	Lg	12:31:06.245	-0.8	T__		---			5528468	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
 2020/06/03 12:32:18.48 1.16 1.12 48.3632 18.5293 5.4 4.7 79 14.9 14.7 12 7 83 0.24 1.02 sx BUD 16001138 BUD 155

Magnitude Err Nsta Author OrigID
 ML 1.5 0.0 5 BUD 16001138

Sta	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	57.2	Pg	12:32:24.568	0.4					T__		43.3	---	ML	0.6	5528503	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.24	57.2	Lg	12:32:27.918	-0.4					T__			---			5528504	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 0.6 magdef=1)																								
(Station ML: 0.6 magdef=0)																								
A338A	0.37	198.8	Lg	12:32:33.223	0.5					T__			---			5528511	FDSN	Z3	00	BUD	iLoc	HH3	???	_
A332A	0.44	354.5	Pg	12:32:27.097	-0.7					T__	176.4		---	ML	1.8	5528505	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A332A	0.44	354.5	Lg	12:32:33.270	-0.9					T__			---			5528506	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
JAVC	0.76	311.4	Pg	12:32:33.349	-0.6					T__	39.3		---	ML	1.5	5528507	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.76	311.4	Lg	12:32:44.986	-0.4					T__			---			5528508	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
A331A	0.81	345.6	Pg	12:32:35.352	0.9					T__	45.5		---	ML	1.6	5528509	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	0.81	345.6	Lg	12:32:47.351	1.7					T__			---			5528510	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
MODS	0.83	271.2	Lg	12:32:47.727	-0.2					T__			---			5528512	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.02	115.4	Pn	12:32:38.547	1.1					T__	27.5		---	ML	1.5	5528514	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.02	115.4	Lg	12:32:52.824	-1.6					T__			---			5528513	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
 2020/06/03 15:51:00.62 0.84 1.28 46.3176 17.3092 3.7 3.2 3 8.3 7.9 168 87 57 0.16 6.46 ke BUD 16001140 BUD 61

Magnitude	Err	Nsta	Author	OrigID																															
ML	3.4	0.2	74 BUD	16001140	Sta	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	0.16	184.9	Pg	15:51:04.631	0.3					T__		35255.5		___	ML	3.3	5529774	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_					
					A264A	0.16	184.9	Lg	15:51:07.760	0.7					T__				---		5529775	FDSN	Z3	00	BUD	iLoc	HHN	???	_						
					(Reading ML: 3.3 magdef=1 Station ML: 3.3 magdef=1)																														
					A263A	0.32	0.7	Pg	15:51:07.083	-0.3					T__		14353.5		___	ML	3.4	5529776	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_					
					A263A	0.32	0.7	Lg	15:51:12.415	0.2					T__				---		5529777	FDSN	Z3	00	BUD	iLoc	HHE	???	_						
					(Reading ML: 3.4 magdef=1 Station ML: 3.4 magdef=1)																														
					A265A	0.35	72.2	Pg	15:51:08.365	0.4					T__		11806.3		___	ML	3.4	5529772	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_					
					A265A	0.35	72.2	Lg	15:51:14.329	1.2					T__				---		5529773	FDSN	Z3	00	BUD	iLoc	HHN	???	_						
					(Reading ML: 3.4 magdef=1 Station ML: 3.4 magdef=1)																														
					BEHE	0.40	292.6	Pg	15:51:08.649	-0.3					T__		17933.2		___	ML	3.7	5529778	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_					
					BEHE	0.40	292.6	Lg	15:51:15.141	0.6					T__				---		5529874	FDSN	HU	--	BUD	iLoc	HHN	???	_						
					(Reading ML: 3.7 magdef=1 Station ML: 3.7 magdef=0)																														
					A273A	0.53	138.5	Pg	15:51:11.706	0.3					T__		5315.0		___	ML	3.5	5529875	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_					
					(Reading ML: 3.5 magdef=1 Station ML: 3.5 magdef=1)																														
					KOVH	0.60	112.4	Pg	15:51:12.269	-0.4					T__		3524.7		___	ML	3.4	5529779	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_					
					KOVH	0.60	112.4	Lg	15:51:20.686	-0.1					T__				---		5529780	FDSN	HU	--	BUD	iLoc	HHN	???	_						
					(Reading ML: 3.4 magdef=1 Station ML: 3.4 magdef=1)																														
					A261A	0.64	350.2	Pg	15:51:12.835	-0.7					T__		6044.4		___	ML	3.6	5529876	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_					
					A261A	0.64	350.2	Lg	15:51:22.445	-0.0					T__				---		5529877	FDSN	Z3	00	BUD	iLoc	HHN	???	_						
					(Reading ML: 3.6 magdef=1 Station ML: 3.6 magdef=0)																														
					A266A	0.69	72.2	Pg	15:51:14.378	-0.1					T__		14236.3		___	ML	4.0	5529784	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_					
					A266A	0.69	72.2	Sn	15:51:25.191	-1.3					T__				---		5529785	FDSN	Z3	00	BUD	iLoc	HHN	???	_						
					(Reading ML: 4.0 magdef=1 Station ML: 4.0 magdef=0)																														
					TIH	0.71	34.4	Pg	15:51:14.183	-0.5					T__		19640.8		___	ML	4.2	5529783	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_					
					(Reading ML: 4.2 magdef=1 Station ML: 4.2 magdef=0)																														
					KOGS	0.74	280.5	Pg	15:51:14.478	-0.7					T__		3324.8		___	ML	3.4	5529781	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_					
					KOGS	0.74	280.5	Lg	15:51:24.867	-0.1					T__				---		5529782	FDSN	SL	--	BUD	iLoc	BHN	???	_						
					(Reading ML: 3.4 magdef=1 Station ML: 3.4 magdef=1)																														
					A262A	0.77	315.7	Pn	15:51:16.265	-0.3					T__		2370.9		___	ML	3.3	5529786	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_					
					A262A	0.77	315.7	Sn	15:51:27.141	-0.9					T__				---		5529787	FDSN	Z3	00	BUD	iLoc	HHN	???	_						
					(Reading ML: 3.3 magdef=1 Station ML: 3.3 magdef=1)																														
					MPLH	0.87	10.4	Pn	15:51:16.718	-1.1					T__		4665.8		___	ML	3.7	5529788	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_					
					MPLH	0.87	10.4	Sn	15:51:30.802	-0.0					T__				---		5529789	FDSN	HU	--	BUD	iLoc	HHE	???	_						
					(Reading ML: 3.7 magdef=1 Station ML: 3.7 magdef=0)																														
					MORH	0.93	95.9	Pg	15:51:18.055	-0.7					T__		1347.9		___	ML	3.1	5529790	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_					
					(Reading ML: 3.1 magdef=1 Station ML: 3.1 magdef=1)																														

PTJ	1.02	246.7	Pn	15:51:19.535	-1.0	T__	6577.8	___	ML	3.9	5529791	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.02	246.7	Lg	15:51:33.030	-1.9	T__		---			5529792	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 3.9 magdef=1)																			
(Station ML: 3.9 magdef=0)																			
ZAG	1.04	242.4	Pn	15:51:20.615	0.0	T__	17279.7	___	ML	4.3	5529793	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	1.04	242.4	Sn	15:51:34.300	-0.8	T__	17.2	---	ML	1.3	13862267	FDSN	IR	--	BUD	iLoc	???	???	_
(Reading ML: 4.3 magdef=1)																			
(Station ML: 4.3 magdef=0)																			
A260A	1.05	337.0	Pg	15:51:21.503	0.5	T__	3326.9	___	ML	3.6	5529794	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	1.05	337.0	Lg	15:51:36.165	1.4	T__		---			5529795	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
EGYH	1.10	0.8	Pg	15:51:21.959	-0.1	T__	3555.1	___	ML	3.7	5529796	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	1.10	0.8	Lg	15:51:37.627	0.6	T__		---			5529797	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=0)																			
MSW2	1.16	31.8	Pn	15:51:21.856	0.0	T__	2599.5	___	ML	3.6	5529798	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	1.16	31.8	Sn	15:51:38.811	0.6	T__		---			5529799	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
HU08A	1.19	20.5	Pg	15:51:22.912	-0.7	T__	2249.0	___	ML	3.5	5529800	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.19	20.5	Lg	15:51:40.764	0.4	T__		---			5529801	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
MSW3	1.20	27.4	Pn	15:51:22.790	0.4	T__	1346.8	___	ML	3.3	5529802	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	1.20	27.4	Sn	15:51:39.839	0.7	T__		---			5529803	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=1)																			
A272A	1.22	68.9	Pn	15:51:21.975	-0.5	T__	6864.1	___	ML	4.0	5529878	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A272A	1.22	68.9	Pg	15:51:24.347	0.1	T__		---			5529879	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
A272A	1.22	68.9	Lg	15:51:41.011	-0.4	T__		---			5529880	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 4.0 magdef=1)																			
(Station ML: 4.0 magdef=0)																			
CSKK	1.23	31.6	Pg	15:51:23.534	-0.9	T__	1665.6	___	ML	3.4	5529804	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.23	31.6	Lg	15:51:41.281	-0.8	T__		---			5529805	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
MSW1	1.26	30.9	Pg	15:51:23.914	-1.0	T__	1304.2	___	ML	3.3	5529808	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	1.26	30.9	Sn	15:51:41.779	1.2	T__		---			5529809	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=1)																			
GROS	1.26	277.2	Pn	15:51:22.270	-1.5	T__		___	ci		51422325	FDSN	IR	--	ISC	iLoc	???	???	_
GROS	1.26	277.2	Sn	15:51:38.450	-1.9	T__		___	i		51422326	FDSN	IR	--	ISC	iLoc	???	???	_
HU22A	1.26	88.9	Pn	15:51:22.933	-0.0	T__	2634.4	___	ML	3.6	5529806	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	1.26	88.9	Lg	15:51:43.323	0.8	T__		---			5529807	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
DOBS	1.29	263.2	Pn	15:51:22.540	-1.5	T__		___	i		51422323	FDSN	IR	--	ISC	iLoc	???	???	_
DOBS	1.29	263.2	Lg	15:51:42.450	-0.9	T__		___	i		51422324	FDSN	IR	--	ISC	iLoc	???	???	_
A271A	1.34	50.8	Pn	15:51:24.129	-0.1	T__	2471.3	___	ML	3.6	5529881	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A271A	1.34	50.8	Pg	15:51:26.930	0.4	T__		---			5529882	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
A271A	1.34	50.8	Lg	15:51:45.838	0.3	T__		---			5529883	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.6 magdef=1)																			

(Station ML: 3.6 magdef=1 CRES 1.38 249.8 Pn 15:51:23.978 -1.4 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1	T__	845.0	___ ML	3.2 5529810	FDSN SL	-- BUD	iLoc	BHZ BHZ	_
A003A 1.45 353.2 Pg 15:51:28.586 -0.0 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=1	T__	1588.7	___ ML	3.5 5529811	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
SOP 1.46 339.7 Pg 15:51:28.358 -0.2 SOP 1.46 339.7 Lg 15:51:46.919 -0.5 (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1	T__	665.4	___ ML	3.1 5529812	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
	T__		---	5529813	FDSN HU	-- BUD	iLoc	HHE ???	_
HU09A 1.51 28.7 Pg 15:51:29.431 -0.2 HU09A 1.51 28.7 Lg 15:51:50.366 -0.7 (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1	T__	1830.2	___ ML	3.6 5529814	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
	T__		---	5529815	FDSN ZJ	00 BUD	iLoc	HHE ???	_
A339A 1.53 8.8 Pg 15:51:30.039 -0.0 A339A 1.53 8.8 Lg 15:51:52.763 1.6 (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1	T__	962.5	___ ML	3.3 5529818	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
	T__		---	5529819	FDSN Z3	00 BUD	iLoc	HHN ???	_
ARSA 1.54 307.9 Pn 15:51:26.843 -0.6 ARSA 1.54 307.9 Pn 15:51:26.843 -0.6 ARSA 1.54 307.9 Lg 15:51:49.803 0.6 ARSA 1.54 307.9 Lg 15:51:49.803 0.6 (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1	T__	15.7	0.40 ___e ML	1.6 45540092	FDSN IR	-- ISC	iLoc	??? ???	_
	T__	583.8	___ ML	3.1 5529816	FDSN OE	-- BUD	iLoc	HHZ HHZ	_
	T__		---	5529817	FDSN OE	-- BUD	iLoc	HHZ ???	_
	T__	51.1	0.50 ___e ML	2.1 45540093	FDSN IR	-- ISC	iLoc	??? ???	_
RONA 1.55 333.7 Pn 15:51:27.198 -0.2 RONA 1.55 333.7 Sn 15:51:46.506 -0.5 (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0	T__	35.2	0.26 ___e ML	1.9 45540112	FDSN IR	-- ISC	iLoc	??? ???	_
	T__	80.9	0.54 ___e ML	2.3 45540113	FDSN IR	-- ISC	iLoc	??? ???	_
BLY 1.57 183.3 Pn 15:51:27.506 -0.4 BLY 1.57 183.3 Pg 15:51:30.741 0.7 BLY 1.57 183.3 Lg 15:51:51.676 1.9 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=0	T__	2372.4	___ ML	3.7 5529820	FDSN MN	-- BUD	iLoc	HHZ HHZ	_
	T__		---	5529821	FDSN MN	-- BUD	iLoc	HHZ ???	_
	T__		---	5529822	FDSN MN	-- BUD	iLoc	HHN ???	_
SOKA 1.61 283.7 Pn 15:51:27.253 -1.5 SOKA 1.61 283.7 Lg 15:51:51.405 -1.2 (Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0	T__	7.7	0.28 ___e ML	1.3 45540114	FDSN IR	-- ISC	iLoc	??? ???	_
	T__	21.4	0.24 ___e ML	1.7 45540115	FDSN IR	-- ISC	iLoc	??? ???	_
SRO 1.65 24.3 Pg 15:51:32.279 0.1 (Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=0	T__	5996.8	___ ML	4.2 5529823	FDSN SK	-- BUD	iLoc	EHZ EHZ	_
HU21A 1.68 88.6 Pn 15:51:28.762 0.0 HU21A 1.68 88.6 Sn 15:51:50.036 -0.5 (Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=1	T__	922.4	___ ML	3.4 5529824	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
	T__		---	5529825	FDSN ZJ	00 BUD	iLoc	HHN ???	_
A338A 1.84 22.4 Pg 15:51:36.157 0.2 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=0	T__	1388.1	___ ML	3.7 5529826	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
HU01A 1.89 56.2 Pg 15:51:36.801 -0.7 HU01A 1.89 56.2 Lg 15:52:02.503 -1.1 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=0	T__	1531.6	___ ML	3.7 5529832	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
	T__		---	5529833	FDSN ZJ	00 BUD	iLoc	HHN ???	_
CONA 1.89 329.0 Pn 15:51:31.965 -0.4	T__	333.9	___ ML	3.1 5529831	FDSN OE	-- BUD	iLoc	HHZ HHZ	_

CONA	1.89	329.0	Pg	15:51:32.909	-3.6	T__	7.3	0.24	_i ML	1.4	45540096	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.89	329.0	Lg	15:51:58.114	-2.5	T__	78.3	0.56	_e ML	2.4	45540097	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=1)																			
A019A	1.90	307.3	Pn	15:51:32.331	-0.3	T__	194.5		___ ML	2.8	5529827	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	1.90	307.3	Pg	15:51:35.671	-0.3	T__			___		5529828	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
OBKA	1.92	276.7	Pn	15:51:31.489	-1.6	T__	613.1		___ ML	3.4	5529829	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.92	276.7	Pg	15:51:31.644	-3.9	T__	2.6	0.30	_e ML	1.0	45540110	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.92	276.7	Pb	15:51:38.275	2.8	T__			___		5529830	FDSN	OE	--	BUD	iLoc	HHZ	???	_
OBKA	1.92	276.7	Lg	15:51:58.819	-2.9	T__	26.5	0.24	_e ML	2.0	45540111	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
HU10A	1.92	36.8	Pg	15:51:36.314	-1.4	T__	785.8		___ ML	3.5	5529834	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	1.92	36.8	Lg	15:52:05.008	0.1	T__			___		5529835	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
MODS	2.06	359.4	Pn	15:51:34.303	-0.2	T__			___		5529836	FDSN	SK	--	BUD	iLoc	HHZ	???	_
FRGS	2.10	122.6	Pn	15:51:34.869	0.0	T__	790.3		___ ML	3.6	5529837	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
FRGS	2.10	122.6	Lg	15:52:10.230	0.5	T__			___		5529838	FDSN	SJ	--	BUD	iLoc	BHN	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
HU03A	2.23	43.8	Pn	15:51:36.898	0.4	T__	895.3		___ ML	3.7	5529839	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	2.23	43.8	Pg	15:51:42.079	-1.8	T__			___		5529840	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
HU03A	2.23	43.8	Lg	15:52:15.862	1.1	T__			___		5529841	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=0)																			
A335A	2.24	17.8	Pn	15:51:37.236	0.3	T__	442.9		___ ML	3.4	5529842	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
HU06A	2.28	78.9	Lg	15:52:16.492	0.4	T__			___		5529884	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
A334A	2.30	6.1	Pg	15:51:45.046	0.3	T__	380.3		___ ML	3.4	5529843	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
PSZ	2.38	46.9	Pn	15:51:37.726	-1.2	T__	366.2		___ ML	3.4	5529844	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	2.38	46.9	Pg	15:51:46.457	-0.8	T__			___		5529845	FDSN	GE	--	BUD	iLoc	HHZ	???	_
PSZ	2.38	46.9	Lg	15:52:18.000	-2.4	T__	0.4		___ ML	0.4	13862286	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
HU23A	2.41	55.6	Pn	15:51:38.757	-0.2	T__	486.6		___ ML	3.5	5529846	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	2.41	55.6	Pg	15:51:46.305	-1.5	T__			___		5529847	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
HU23A	2.41	55.6	Lg	15:52:19.864	-0.7	T__			___		5529848	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
VYHS	2.41	24.9	Pn	15:51:39.295	-0.0	T__	74.5		___ ML	2.7	5529849	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	2.41	24.9	Pg	15:51:47.928	0.9	T__			___		5529850	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A001A	2.46	348.8	Pn	15:51:41.040	1.0	T__	177.8		___ ML	3.1	5529852	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	2.46	348.8	Pg	15:51:48.474	1.1	T__			___		5529851	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=1)																			

MYKA	2.55	278.3	Pn	15:51:41.138	-0.8	T__	1.1	0.24	_e ML	1.0	45540108	FDSN	IR	--	ISC	iLoc	??? ???	_
MYKA	2.55	278.3	Sn	15:52:13.690	1.4	T__	7.7	0.32	_e ML	1.8	45540109	FDSN	IR	--	ISC	iLoc	??? ???	_
(Reading ML: 1.8 magdef=1)																		
(Station ML: 1.8 magdef=0)																		
JAVC	2.55	5.4	Pn	15:51:42.347	0.8	T__	193.6		___ ML	3.2	5529853	FDSN	CZ	--	BUD	iLoc	HHZ HHZ	_
JAVC	2.55	5.4	Lg	15:52:25.229	0.4	T__			___		5529854	FDSN	CZ	--	BUD	iLoc	HHZ ???	_
(Reading ML: 3.2 magdef=1)																		
(Station ML: 3.2 magdef=1)																		
MOA	2.58	307.5	Pn	15:51:41.778	-0.3	T__	3.2	0.18	_i ML	1.4	45540104	FDSN	IR	--	ISC	iLoc	??? ???	_
MOA	2.58	307.5	Sn	15:52:13.085	0.4	T__	10.1	0.28	_e ML	1.9	45540105	FDSN	IR	--	ISC	iLoc	??? ???	_
(Reading ML: 1.9 magdef=1)																		
(Station ML: 1.9 magdef=0)																		
A332A	2.61	17.0	Pn	15:51:42.372	0.3	T__	286.0		___ ML	3.4	5529855	FDSN	Z3	00	BUD	iLoc	HHZ HHZ	_
A332A	2.61	17.0	Pg	15:51:49.318	-1.4	T__			___		5529856	FDSN	Z3	00	BUD	iLoc	HHZ ???	_
(Reading ML: 3.4 magdef=1)																		
(Station ML: 3.4 magdef=1)																		
KRUC	2.81	347.7	Pn	15:51:44.374	-0.5	T__	126.0		___ ML	3.2	5529857	FDSN	CZ	--	BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.2 magdef=1)																		
(Station ML: 3.2 magdef=1)																		
KBA	2.83	287.0	Pn	15:51:45.787	-0.4	T__	1.0	0.22	_i ML	1.1	45540100	FDSN	IR	--	ISC	iLoc	??? ???	_
KBA	2.83	287.0	Sn	15:52:19.947	0.2	T__	9.8	0.44	_e ML	2.1	45540101	FDSN	IR	--	ISC	iLoc	??? ???	_
(Reading ML: 2.1 magdef=1)																		
(Station ML: 2.1 magdef=0)																		
HU02A	2.84	49.4	Pn	15:51:44.187	-0.9	T__	169.4		___ ML	3.3	5529858	FDSN	ZJ	00	BUD	iLoc	HHZ HHZ	_
HU02A	2.84	49.4	Pg	15:51:53.997	-2.2	T__			___		5529859	FDSN	ZJ	00	BUD	iLoc	HHZ ???	_
HU02A	2.84	49.4	Sn	15:52:18.082	-1.3	T__			___		5529861	FDSN	ZJ	00	BUD	iLoc	HHZ ???	_
HU02A	2.84	49.4	Lg	15:52:33.809	-1.2	T__			___		5529860	FDSN	ZJ	00	BUD	iLoc	HHZ ???	_
(Reading ML: 3.3 magdef=1)																		
(Station ML: 3.3 magdef=1)																		
BIOA	2.86	300.0	Pn	15:51:46.031	-0.1	T__	7.4	0.30	_e ML	2.0	45540094	FDSN	IR	--	ISC	iLoc	??? ???	_
BIOA	2.86	300.0	Sn	15:52:19.852	0.4	T__	18.2	0.36	_e ML	2.4	45540095	FDSN	IR	--	ISC	iLoc	??? ???	_
(Reading ML: 2.4 magdef=1)																		
(Station ML: 2.4 magdef=0)																		
BBL5	2.87	148.1	Pn	15:51:46.200	0.3	T__	0.2		___ ML	0.4	13862290	FDSN	IR	--	ISC	iLoc	??? ???	_
(Reading ML: 0.4 magdef=1)																		
(Station ML: 0.4 magdef=0)																		
A331A	2.90	11.9	Pg	15:51:58.950	2.9	T__	127.5		___ ML	3.2	5529862	FDSN	Z3	00	BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.2 magdef=1)																		
(Station ML: 3.2 magdef=1)																		
VRAC	3.03	351.1	Pn	15:51:48.034	0.1	T__	98.8		___ ML	3.2	5529863	FDSN	CZ	--	BUD	iLoc	HHZ HHZ	_
VRAC	3.03	351.1	Pg	15:51:49.123	-8.4	---			_c_		18045265	FDSN	IR	--	ISC	iLoc	??? ???	_
(Reading ML: 3.2 magdef=1)																		
(Station ML: 3.2 magdef=1)																		
BZS	3.08	101.6	Pn	15:51:48.603	-0.0	T__			_c_		18045264	FDSN	IR	--	ISC	iLoc	??? ???	_
BZS	3.08	101.6	Pg	15:51:48.821	-9.5	---	116.6		___ ML	3.3	5529864	FDSN	RO	--	BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.3 magdef=1)																		
(Station ML: 3.3 magdef=1)																		
JOS	3.09	44.0	Pn	15:51:48.208	-0.3	T__	78.1		___ ML	3.1	5529865	FDSN	ZJ	--	BUD	iLoc	HHZ HHZ	_
JOS	3.09	44.0	Pg	15:51:57.966	-2.5	T__			___		5529866	FDSN	ZJ	--	BUD	iLoc	HHZ ???	_
(Reading ML: 3.1 magdef=1)																		
(Station ML: 3.1 magdef=1)																		
TREC	3.22	338.3	Pn	15:51:54.300	3.6	T__			---		13861868	FDSN	IR	--	ISC	iLoc	??? ???	_
TREC	3.22	338.3	Pn	15:51:54.300	3.6	T__			---		13861891	FDSN	IR	--	ISC	iLoc	??? ???	_

CKRC	3.22	322.0	Pg	15:52:01.455	1.5	T__	188.7	---	ML	3.6	5529867	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
CKRC	3.22	322.0	Pb	15:52:02.400	2.4	T__		---			13861890	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: 3.6 magdef=1)																				
(Station ML: 3.6 magdef=1)																				
ABAH	3.33	52.1	Pg	15:52:05.257	0.2	T__	134.6	---	ML	3.5	5529868	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	3.33	52.1	Sn	15:52:30.269	-0.4	T__		---			5529869	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.5 magdef=1)																				
(Station ML: 3.5 magdef=1)																				
ABTA	3.34	279.1	Pn	15:51:52.443	-0.4	T__	1.3	0.28	__i	ML	1.5	45540090	FDSN	IR	--	ISC	iLoc	???	???	_
ABTA	3.34	279.1	Sn	15:52:33.520	1.9	T__	13.0	0.58	__i	ML	2.5	45540091	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 2.5 magdef=1)																				
(Station ML: 2.5 magdef=0)																				
LESA	3.36	290.9	Pn	15:51:52.965	-0.5	T__	2.9	0.30	__i	ML	1.8	45540102	FDSN	IR	--	ISC	iLoc	???	???	_
LESA	3.36	290.9	Sn	15:52:33.525	1.5	T__	12.7	0.50	__i	ML	2.5	45540103	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 2.5 magdef=1)																				
(Station ML: 2.5 magdef=0)																				
MORC	3.47	2.5	Pn	15:51:54.329	0.3	T__	75.3		---	ML	3.3	5529870	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	3.47	2.5	Pg	15:51:54.498	-11.2	---			_d		18045266	FDSN	IR	--	ISC	iLoc	???	???	_	
MORC	3.47	2.5	Sn	15:52:34.016	-1.6	T__			---		5529871	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.3 magdef=1)																				
(Station ML: 3.3 magdef=1)																				
DRGR	3.76	80.8	Pn	15:51:57.423	-0.7	T__			_c		18045267	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	3.76	80.8	Pg	15:51:57.881	-15.2	---	84.4		---	ML	3.5	5529872	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	3.76	80.8	Sn	15:52:40.028	-1.6	T__			---		5529873	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.5 magdef=1)																				
(Station ML: 3.5 magdef=1)																				
ZVC	3.76	327.3	Pn	15:51:59.500	1.4	T__			__e		49827448	FDSN	IR	--	ISC	iLoc	???	???	_	
ZVC	3.76	327.3	Lg	15:53:01.400	3.4	T__			__e		49827449	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	3.78	319.5	Pn	15:51:58.800	0.6	T__			__e		49827444	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	3.78	319.5	Pg	15:52:09.000	-1.2	T__			__e		49827445	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	3.78	319.5	Sn	15:52:42.600	0.1	T__			__e		49827446	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	3.78	319.5	Lg	15:52:57.500	-1.4	T__			__e		49827447	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	3.86	110.0	Pn	15:51:59.763	0.2	T__			_c		18045268	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	3.93	101.6	Pn	15:52:00.828	0.0	T__			_c		18045269	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	3.93	101.6	Pg	15:52:04.400	-9.5	---			---		13861894	FDSN	IR	--	ISC	iLoc	???	???	_	
WTTA	4.01	285.7	Pn	15:52:01.946	-0.5	T__	1.3	0.22	__i	ML	1.7	45540120	FDSN	IR	--	ISC	iLoc	???	???	_
WTTA	4.01	285.7	Sn	15:52:49.642	1.8	T__	4.6	0.30	__i	ML	2.3	45540121	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 2.3 magdef=1)																				
(Station ML: 2.3 magdef=0)																				
MARR	4.03	82.8	Pn	15:52:01.302	-0.8	T__			_c		18045270	FDSN	IR	--	ISC	iLoc	???	???	_	
WATA	4.07	286.6	Pn	15:52:02.590	-0.5	T__	2.6	0.22	__e	ML	2.0	45540118	FDSN	IR	--	ISC	iLoc	???	???	_
WATA	4.07	286.6	Sn	15:52:50.008	1.2	T__	3.4	0.26	__e	ML	2.1	45540119	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 2.1 magdef=1)																				
(Station ML: 2.1 magdef=0)																				
DPC	4.09	351.1	Pn	15:52:04.100	1.2	T__			__e		49827442	FDSN	IR	--	ISC	iLoc	???	???	_	
DPC	4.09	351.1	Sn	15:52:54.500	3.6	T__			__e		49827443	FDSN	IR	--	ISC	iLoc	???	???	_	
SQTA	4.29	284.4	Pn	15:52:05.448	-0.7	T__	2.7	0.30	__i	ML	2.1	45540116	FDSN	IR	--	ISC	iLoc	???	???	_
SQTA	4.29	284.4	Sn	15:52:57.819	3.7	T__	5.2	0.40	__i	ML	2.4	45540117	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 2.4 magdef=1)																				
(Station ML: 2.4 magdef=0)																				
MOTA	4.38	285.8	Pn	15:52:06.826	-0.7	T__	6.2	0.66	__e	ML	2.5	45540106	FDSN	IR	--	ISC	iLoc	???	???	_
MOTA	4.38	285.8	Sn	15:52:59.526	3.1	T__	1.6	0.22	__e	ML	1.9	45540107	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 2.5 magdef=1)																				


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(Station ML: 2.5 magdef=0
FETA 4.58 281.2 Pn 15:52:09.805 -0.7 T__ 0.5 0.34 __i ML 1.4 45540098 FDSN IR -- ISC iLoc ??? ??? _
FETA 4.58 281.2 Sn 15:53:04.363 2.2 T__ 2.4 0.54 __i ML 2.1 45540099 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
BLKB 4.66 123.4 Pn 15:52:10.783 0.1 T__ _d_ 18045271 FDSN IR -- ISC iLoc ??? ??? _
TESR 6.46 84.9 Pn 15:52:34.573 -1.7 T__ _c_ 18045272 FDSN IR -- ISC iLoc ??? ??? _

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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
2020/06/03 15:55:43.41 1.21 0.78 46.3099 17.2998 9.3 5.8 21 14.1 16.1 10 6 111 0.15 0.94 ke BUD 16001142 BUD 188

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Magnitude Err Nsta Author OrigID
ML 1.3 0.1 4 BUD 16001142

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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
A264A 0.15 182.7 Pg 15:55:47.259 -0.2 T__ 308.9 ___ ML 1.2 5530032 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.15 182.7 Lg 15:55:50.792 0.4 T__ ___ 5530033 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A265A 0.36 71.4 Lg 15:55:57.006 0.6 T__ ___ 5530037 FDSN Z3 00 BUD iLoc HHN ??? _
BEHE 0.40 294.0 Lg 15:55:57.484 0.0 T__ ___ 5530034 FDSN HU -- BUD iLoc HHE ??? _
KOVH 0.60 111.5 Pg 15:55:55.334 -0.1 T__ 43.9 ___ ML 1.5 5530039 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.60 111.5 Lg 15:56:03.148 -0.5 T__ ___ 5530038 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MPLH 0.88 10.8 Pn 15:56:01.675 1.6 T__ 25.2 ___ ML 1.4 5530035 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.88 10.8 Lg 15:56:12.655 -0.5 T__ ___ 5530036 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MORH 0.94 95.3 Pn 15:56:00.737 0.1 T__ 18.7 ___ ML 1.3 5530041 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.94 95.3 Lg 15:56:14.707 -0.3 T__ ___ 5530040 FDSN HU -- BUD iLoc HHN ??? _
(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
2020/06/04 07:15:53.51 2.48 0.79 48.2259 21.2290 18.4 5.0 132 0.0f 6 4 245 0.07 0.95 sx BUD 16001144 BUD 310

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Magnitude Err Nsta Author OrigID
ML 1.5 0.2 3 BUD 16001144

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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 0.07 5.8 Pg 07:15:55.531 0.0 T__ 14846.8 ___ ML 2.7 5530065 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
HU02A 0.48 257.8 Pg 07:16:03.609 -0.2 T__ 55.5 ___ ML 1.4 5530068 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 257.8 Lg 07:16:11.214 -0.4 T__ ___ 5530070 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS 0.53 300.7 Pg 07:16:04.713 0.5 T__ 51.0 ___ ML 1.5 5530066 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 300.7 Lg 07:16:11.618 -0.8 T__ ___ 5530067 FDSN ZJ -- BUD iLoc HHE ??? _

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(Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1
 PSZ 0.95 251.5 Lg 07:16:28.549 0.9 T__ --- 5530069 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
2020/06/04	08:01:58.01	0.97	2.01	46.9141	17.3045	6.0	4.3	166	0.0f	8	7	102	0.11	0.86	sx	BUD	16001146	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	
A261A	0.11	289.6	Pg	08:02:00.091	-0.9					T__		8560.0		---	ML	2.5	5530093	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.11	289.6	Lg	08:02:04.807	1.4					T__				---		5530094	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A263A	0.27	178.5	Lg	08:02:07.996	-0.5					T__				---		5530099	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MPLH	0.30	32.0	Pg	08:02:03.154	-1.5					T__		717.1		---	ML	2.0	5530100	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.40	91.8	Lg	08:02:15.088	2.0					T__				---		5530096	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
A265A	0.60	145.2	Lg	08:02:20.268	1.4					T__				---		5530097	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU08A	0.67	39.0	Lg	08:02:24.621	2.0					T__				---		5530095	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
KOGS	0.86	237.7	Lg	08:02:28.451	2.1					T__				---		5530098	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
2020/06/04	08:16:37.59	1.07	1.79	46.0003	22.8806	8.7	4.5	79	0.0f	9	5	139	0.12	0.96	sx	BUD	16001148	BUD			244	

Magnitude Err Nsta Author OrigID

ML 1.6 0.1 4 BUD 16001148

Sta	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	172.3	Pg	08:16:39.338	-0.5					T__		1294.9		---	ML	1.7	5530129	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DEV	0.12	172.3	Lg	08:16:42.937	1.4					T__				---		5530130	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																										
GZR	0.61	186.9	Pg	08:16:49.176	-0.2					T__		60.0		---	ML	1.6	5530127	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	0.61	186.9	Lg	08:16:58.397	0.3					T__				---		5530128	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																										
DRGR	0.80	351.6	Pg	08:16:54.378	0.7					T__		46.8		---	ML	1.6	5530124	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	0.80	351.6	Lg	08:17:02.259	-3.7					T__				---		5530125	FDSN	RO	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																										
LOT	0.83	131.3	Lg	08:17:06.184	0.4					T__				---		5530131	FDSN	RO	--	BUD	iLoc	HHE	???	_		
BZS	0.96	247.0	Pg	08:16:57.084	0.7					T__		21.5		---	ML	1.4	5530126	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
BZS	0.96	247.0	Lg	08:17:08.668	-1.3					T__				---		5530132	FDSN	RO	--	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
2020/06/04	08:19:26.01	1.65	0.81	46.0899	22.8659	12.8	7.2	69	0.0f	6	4	181	0.21	0.99	sx	BUD	16001150	BUD			290	

Magnitude Err Nsta Author OrigID

Sta	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	172.8	Lg	08:19:32.929	0.0					T__						5530155	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.70	185.2	Pg	08:19:39.535	0.1					T__		57.5			ML	1.6	5530156	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.70	185.2	Lg	08:19:48.664	-0.7					T__						5530157	FDSN	RO	--	BUD	iLoc	HHE	???	_	
DRGR	0.71	351.4	Lg	08:19:51.291	-0.6					T__						5530158	FDSN	RO	--	BUD	iLoc	HHE	???	_	
BZS	0.99	242.0	Pg	08:19:45.966	0.6					T__		19.3			ML	1.3	5530159	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.99	242.0	Lg	08:19:58.405	-0.9					T__						5530160	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	
2020/06/04	08:24:33.45	0.96	1.57	46.0001	22.7895	6.1	4.2	88	0.0f		10	5	110	0.14	0.91	sx	BUD	16001152	BUD			175	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	16001152

Sta	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	145.8	Pg	08:24:35.542	-0.6					T__		754.2			ML	1.6	5530202	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.14	145.8	Lg	08:24:38.931	0.8					T__						5530203	FDSN	RO	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
GZR	0.61	180.9	Pg	08:24:45.131	-0.0					T__		61.6			ML	1.6	5530204	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.61	180.9	Lg	08:24:55.113	1.3					T__						5530205	FDSN	RO	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
DRGR	0.79	356.1	Pg	08:24:49.830	0.4					T__		56.0			ML	1.7	5530209	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.79	356.1	Lg	08:24:57.947	-3.7					T__						5530210	FDSN	RO	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
BZS	0.91	245.4	Pg	08:24:51.304	0.2					T__		21.0			ML	1.3	5530206	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.91	245.4	Lg	08:25:03.283	-0.6					T__						5530207	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=0)																					
CJR	0.91	37.8	Pg	08:24:51.985	0.6					T__		123.0			ML	2.1	5530211	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	0.91	37.8	Lg	08:25:05.240	-0.1					T__						5530208	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	
2020/06/04	09:17:45.75	0.98	1.15	45.6511	17.2990	6.0	5.5	128	0.0f		12	6	126	0.71	1.30	sx	BUD	16001154	BUD			219	

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	4 BUD	16001154

Sta	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	0.71	51.7	Pg	09:17:59.585	-0.8					T__		258.3			ML	2.3	5530249	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.71	51.7	Lg	09:18:12.069	1.4					T__						5530250	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.3 magdef=1)																					
				(Station ML: 2.3 magdef=1)																					
BLY	0.91	185.2	Pg	09:18:03.277	-0.1					T__		85.6			ML	1.9	5530245	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	0.91	185.2	Lg	09:18:15.650	0.8					T__						5530246	FDSN	MN	--	BUD	iLoc	HHE	???	_	

```

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PTJ 0.97 285.8 Pg 09:18:03.618 -1.4 T__ 149.7 ___ ML 2.2 5530251 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.97 285.8 Lg 09:18:18.540 -0.2 T__ ___ 5530252 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KOGS 1.08 317.9 Pg 09:18:08.240 1.1 T__ ___ 5530255 FDSN SL -- BUD iLoc BHZ ??? _
KOGS 1.08 317.9 Lg 09:18:23.312 1.9 T__ ___ 5530256 FDSN SL -- BUD iLoc BHE ??? _
MORH 1.09 58.5 Pn 09:18:06.748 -0.5 T__ 104.9 ___ ML 2.1 5530247 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.09 58.5 Sn 09:18:22.900 -0.6 T__ ___ 5530248 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CRES 1.30 278.4 Pg 09:18:10.269 -0.5 T__ ___ 5530254 FDSN SL -- BUD iLoc BHZ ??? _
CRES 1.30 278.4 Sn 09:18:28.263 -0.8 T__ ___ 5530253 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
2020/06/04 11:45:40.86 0.92 0.68 48.3120 19.8950 4.5 3.7 138 0.0f 13 9 84 0.39 1.07 sx BUD 16001156 BUD 141

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Magnitude Err Nsta Author OrigID
ML 1.8 0.0 5 BUD 16001156

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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 0.39 180.1 Pg 11:45:49.544 -0.0 T__ 234.5 ___ ML 1.8 5530291 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.39 180.1 Lg 11:45:56.091 0.0 T__ ___ 5530297 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.43 66.3 Pg 11:45:49.485 -0.1 T__ 530.0 ___ ML 2.2 5530294 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.43 66.3 Lg 11:45:56.581 0.3 T__ ___ 5530295 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
HU03A 0.45 206.0 Lg 11:45:57.945 0.4 T__ ___ 5530298 FDSN ZJ 00 BUD iLoc HHE ??? _
HU02A 0.46 114.0 Pg 11:45:50.442 -0.3 T__ 160.1 ___ ML 1.8 5530290 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 114.0 Lg 11:45:57.883 -0.4 T__ ___ 5530293 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 0.47 66.6 Pg 11:45:49.774 -0.5 T__ 272.4 ___ ML 2.0 5530289 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.47 66.6 Lg 11:45:58.071 0.6 T__ ___ 5530296 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 0.73 284.9 Pg 11:45:55.492 -0.2 T__ 16.1 ___ ML 1.1 5530292 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
LANS 0.89 341.5 Lg 11:46:10.572 0.2 T__ ___ 5530301 FDSN SK -- BUD iLoc EHE ??? _
ABAH 0.90 90.5 Lg 11:46:13.808 1.1 T__ ___ 5530299 FDSN HU -- BUD iLoc HHE ??? _
A338A 1.07 254.5 Sn 11:46:17.377 -1.5 T__ ___ 5530300 FDSN Z3 00 BUD iLoc HH3 ??? _

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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
2020/06/04 13:27:58.10 1.41 0.78 48.4579 20.8905 9.0 5.2 37 0.0f 8 5 205 0.24 0.86 sx BUD 16001158 BUD 296

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Magnitude Err Nsta Author OrigID

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ML 1.1 0.4 3 BUD 16001158

Sta	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	279.4	Pg	13:28:03.416	0.4					T__		153.4		---	ML	1.1	5530330	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.24	279.4	Lg	13:28:06.164	-0.7					T__				---		5530331	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.27	275.5	Pg	13:28:04.118	0.4					T__		288.6		---	ML	1.5	5530329	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.27	275.5	Lg	13:28:07.445	-0.6					T__				---		5530335	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.28	124.7	Lg	13:28:08.598	-0.7					T__				---		5530336	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU02A	0.42	216.1	Pg	13:28:07.590	0.6					T__		27.4		---	ML	0.9	5530333	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	216.1	Lg	13:28:12.874	-1.0					T__				---		5530332	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
PSZ	0.86	231.4	Lg	13:28:28.976	-0.2					T__				---		5530334	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
2020/06/04	22:07:36.83	3.83	1.20	48.6342	22.5914	29.2	12.4	50	15.8	16.7	9	6	279	0.51	1.47	ke	BUD	16001160	BUD			309

Magnitude Err Nsta Author OrigID
ML 1.5 0.4 3 BUD 16001160

Sta	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	0.51	184.0	Pn	22:07:49.419	0.0					T__		33.6		---	ML	1.2	5530373	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.51	184.0	Lg	22:07:54.929	0.0					T__				---		5530374	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU07A	0.79	214.9	Lg	22:08:04.447	0.2					T__				---		5530379	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
ABAH	0.96	249.9	Pg	22:07:55.441	-0.1					T__		56.6		---	ML	1.8	5530375	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.96	249.9	Sn	22:08:07.039	-2.2					T__				---		5530376	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	1.37	265.0	Pg	22:08:03.608	0.1					T__		18.5		---	ML	1.5	5530377	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.37	265.0	Sn	22:08:20.378	1.3					T__				---		5530378	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	1.41	264.6	Sn	22:08:20.785	0.8					T__				---		5530381	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	1.47	250.4	Sn	22:08:21.735	0.0					T__				---		5530380	FDSN	ZJ	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
2020/06/04	23:44:50.56	1.28	0.51	47.3568	18.2754	11.4	3.9	112	2.2	11.6	7	4	236	0.01	0.10	ke	BUD	16001162	BUD			301

Magnitude Err Nsta Author OrigID
ML 0.8 0.3 3 BUD 16001162

Sta	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	301.8	Pg	23:44:51.596	0.3					T__		449.1		---	ML	1.0	5530408	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.01	301.8	Lg	23:44:51.921	-0.3					T__				---		5530404	FDSN	HU	--	BUD	iLoc	HNN	???	_	

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(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.04 342.8 Pg 23:44:51.968 0.2 T__ 243.0 ___ ML 0.8 5530406 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.04 342.8 Lg 23:44:52.498 -0.5 T__ ___ 5530405 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
MSW2 0.07 218.8 Pg 23:44:52.610 0.3 T__ 30.8 ___ ML -0.0 5530407 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.07 218.8 Lg 23:44:53.526 -0.5 T__ ___ 5530409 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: -0.0 magdef=1
(Station ML: -0.0 magdef=1
MSW3 0.10 284.6 Lg 23:44:54.914 -0.2 T__ ___ 5530410 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
2020/06/05 06:29:16.81 0.90 0.72 48.4078 17.2877 4.3 3.0 116 0.0f 10 6 84 0.03 1.07 sx BUD 16001164 BUD 145

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Magnitude Err Nsta Author OrigID
ML 1.6 0.3 4 BUD 16001164

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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 0.03 191.4 Pg 06:29:17.757 -0.4 T__ ___ 5530437 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.03 191.4 Lg 06:29:19.555 -0.1 T__ ___ 5530438 FDSN SK -- BUD iLoc HHN ??? _
A334A 0.32 52.5 Pg 06:29:22.983 -0.7 T__ 157.3 ___ ML 1.4 5530442 FDSN Z3 00 BUD iLoc HHZ HHZ _
A334A 0.32 52.5 Lg 06:29:29.822 0.7 T__ ___ 5530443 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A337A 0.37 115.8 Pg 06:29:25.305 0.7 T__ 316.2 ___ ML 1.8 5530439 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JAVC 0.52 29.2 Pg 06:29:26.822 -0.9 T__ 54.3 ___ ML 1.5 5530440 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.52 29.2 Lg 06:29:36.043 -0.0 T__ ___ 5530441 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A001A 0.56 305.0 Pg 06:29:28.897 0.8 T__ 88.6 ___ ML 1.8 5530444 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 0.56 305.0 Lg 06:29:37.097 0.4 T__ ___ 5530445 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CONA 1.07 243.8 Lg 06:29:51.095 -0.6 T__ ___ 5530446 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
2020/06/05 08:37:51.26 0.86 1.20 48.3852 19.0911 11.0 4.3 16 15.0f 16 9 140 0.20 1.21 sx BUD 16001166 BUD 145

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Magnitude Err Nsta Author OrigID
ML 1.9 0.2 6 BUD 16001166

```

```

Sta 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 0.20 302.8 Pg 08:37:55.848 -0.4 T__ 111.9 ___ ML 0.9 5530489 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.20 302.8 Lg 08:37:58.974 -1.0 T__ ___ 5530490 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
A335A 0.51 277.3 Pg 08:38:01.858 0.1 T__ 233.1 ___ ML 2.1 5530491 FDSN Z3 00 BUD iLoc HHZ HHZ _

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```

A335A  0.51 277.3 Lg      08:38:09.631 -0.1      T__          ---          5530492    FDSN Z3      00 BUD  iLoc  HHZ ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=1
PSZ    0.71 130.7 Lg      08:38:15.683 -1.3      T__          ---          5530493    FDSN GE      -- BUD  iLoc  HHE ??? _
SR0    0.77 222.6 Sn      08:38:19.541  0.6      T__          ---          5530494    FDSN SK      -- BUD  iLoc  EHE ??? _
KECS   0.93  83.5 Pn      08:38:09.443  0.7      T__          126.2        --- ML     2.1 5530486    FDSN SK      -- BUD  iLoc  EHE EHZ _
KECS   0.93  83.5 Lg      08:38:23.208  0.3      T__          ---          5530485    FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=0
JOS    0.97  82.9 Pn      08:38:09.967  0.7      T__          43.2         --- ML     1.7 5530483    FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS    0.97  82.9 Sn      08:38:23.786  0.1      T__          ---          5530484    FDSN ZJ      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
HU02A  0.99 104.8 Pn      08:38:11.019  1.3      T__          57.9         --- ML     1.8 5530487    FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A  0.99 104.8 Sn      08:38:24.962  0.5      T__          ---          5530488    FDSN ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
JAVC   1.06 297.2 Pn      08:38:12.456  1.5      T__          66.2         --- ML     1.9 5530495    FDSN CZ      -- BUD  iLoc  HHZ HHZ _
JAVC   1.06 297.2 Sn      08:38:28.739  1.8      T__          ---          5530498    FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
MODS   1.21 270.1 Pn      08:38:15.379  2.4      T__          ---          5530496    FDSN SK      -- BUD  iLoc  HHZ ??? _
MODS   1.21 270.1 Sn      08:38:31.437  1.3      T__          ---          5530497    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
2020/06/05 09:49:32.34  1.09  0.96  48.2238  21.1929      0.0  0.0  5  0 227  0.08  0.92  kx BUD  16001168  BUD
2020/06/05 09:49:30.89  1.04  1.80  48.2470  21.2460f    0.0f      5  3 255  0.05  0.96  kx BUD_GT 16001169  BUD      312
(locality : Tálya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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```

Magnitude  Err Nsta Author      OrigID
ML         2.0 0.6   2 BUD      16001169

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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  0.05 355.1 Pg      09:49:32.528  0.1      T__          9555.2        --- ML     2.4 5530524    FDSN HU      -- iLoc  BUD  HHZ HHZ _
ABAH  0.05 355.1 Lg      09:49:35.601  1.5      T__          ---          5530527    FDSN HU      -- iLoc  BUD  HHN ??? _
(Reading ML:  2.4 magdef=1
(Station ML:  2.4 magdef=1
JOS   0.53 298.1 Pg      09:49:42.087  0.5      T__          65.5         --- ML     1.6 5530525    FDSN ZJ      -- iLoc  BUD  HHZ HHZ _
JOS   0.53 298.1 Lg      09:49:48.247 -1.5      T__          ---          5530526    FDSN ZJ      -- iLoc  BUD  HHE ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
PSZ   0.96 250.6 Lg      09:50:02.815 -2.8      T__          ---          5530528    FDSN GE      -- iLoc  BUD  HHE ??? _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2020/06/05 16:18:44.88  1.26  1.00  47.5970  16.3657      6.9  3.8  62  0.1  2.2  21  14  71  0.11  2.76  sx BUD  16001170  BUD      126

```

```

Magnitude  Err Nsta Author      OrigID
ML         1.3 0.4   5 BUD      16001170

```

Sta	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	335.5	Pg	16:18:47.044	-0.4					T__		3.6	0.12	__e	ML	-0.8	45540791	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.11	335.5	Lg	16:18:49.251	-0.2					T__		4.8	0.12	__e	ML	-0.7	45540792	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: -0.7 magdef=1 Station ML: -0.7 magdef=0)																									
A260A	0.39	143.5	Lg	16:18:59.326	0.7					T__						5530579	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CONA	0.47	314.5	Pg	16:18:54.601	0.2					T__		50.7			ML	1.3	5530574	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.47	314.5	Lg	16:19:01.336	0.5					T__						5530575	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.47	314.5	Lg	16:19:01.336	0.5					T__		4.7	0.32	__i	ML	0.3	45540790	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
WINA	0.55	339.0	Pg	16:18:55.653	-0.0					T__		2.7	0.22	__i	ML	0.2	45540793	FDSN	IR	--	ISC	iLoc	???	???	_
WINA	0.55	339.0	Lg	16:19:04.036	0.8					T__		16.7	0.62	__e	ML	1.0	45540794	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
ARSA	0.67	239.1	Pg	16:18:58.018	0.2					T__		51.6			ML	1.6	5530586	FDSN	OE	--	BUD	iLoc	HHE	HHZ	_
ARSA	0.67	239.1	Lg	16:19:05.315	-1.0					T__						5530580	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
EGYH	0.68	105.0	Lg	16:19:09.402	0.5					T__						5530581	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.90	117.7	Lg	16:19:15.814	-0.5					T__						5530578	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	0.99	37.9	Pg	16:19:04.728	-0.2					T__						5530576	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.99	37.9	Lg	16:19:20.017	-0.2					T__						5530577	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOGS	1.15	184.0	Sn	16:19:24.587	0.9					T__						5530582	FDSN	SL	--	BUD	iLoc	BHE	???	_	
KRUC	1.47	0.8	Pn	16:19:11.677	-0.3					T__		29.4			ML	1.8	5530583	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.47	0.8	Sn	16:19:31.392	-0.5					T__						5530584	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
JAVC	1.54	34.2	Sn	16:19:36.663	2.1					T__						5530585	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.84	312.4	Sn	16:19:41.800	0.4					T__						49828091	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	2.41	310.6	Sn	16:19:58.400	2.8					T__						49828093	FDSN	IR	--	ISC	iLoc	???	???	_	
DPC	2.76	359.4	Lg	16:20:13.300	-0.0					T__						49828092	FDSN	IR	--	ISC	iLoc	???	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/06/06	08:37:40.21	4.17	0.42	46.0033	18.3430	44.0	5.1	171	0.0f	4	2	252	0.19	0.30	sx	BUD	16001172	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	0.19	296.8	Pg	08:37:44.766	0.1					T__		249.2			ML	1.2	5530606	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.19	296.8	Lg	08:37:47.856	-0.3					T__						5530608	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	0.30	44.5	Pg	08:37:46.634	-0.1					T__		65.7			ML	0.9	5530607	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.30	44.5	Lg	08:37:52.144	0.3					T__						5530609	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
2020/06/08	07:14:59.58	1.16	0.74	48.0810	20.6539	7.1	4.0	161	0.0f	9	5	191	0.10	0.54	sx	BUD	16001176	BUD			262	

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 4 BUD 16001176

Sta	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	295.5	Pg	07:15:02.229	0.1					T__		804.6		---	ML	1.5	5530683	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.10	295.5	Lg	07:15:04.875	0.4					T__				---		5530684	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.42	344.5	Lg	07:15:14.917	0.3					T__				---		5530682	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.42	349.6	Pg	07:15:07.916	-0.2					T__		91.8		---	ML	1.4	5530680	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.42	349.6	Lg	07:15:14.877	0.1					T__				---		5530681	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.45	61.0	Pg	07:15:09.304	0.5					T__		44.3		---	ML	1.2	5530686	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	61.0	Lg	07:15:15.064	-1.5					T__				---		5530687	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.54	252.6	Pg	07:15:11.321	0.1					T__		49.0		---	ML	1.5	5530685	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.54	252.6	Lg	07:15:19.061	-0.7					T__				---		5530688	FDSN	GE	--	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
2020/06/08	08:19:13.64	0.88	1.85	47.8678	19.8438	6.3	3.2	175	10.0f		18	12	95	0.06	1.71	sx	BUD	16001178	BUD			160

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	16001178

Sta	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	33.9	Pg	08:19:15.407	-0.9					T__		2135.2		---	ML	1.8	5530756	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.06	33.9	Lg	08:19:17.617	-1.0					T__				---		5530757	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	0.17	282.4	Pg	08:19:17.626	-0.1					T__		682.3		---	ML	1.6	5530764	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.17	282.4	Lg	08:19:21.183	0.4					T__				---		5530765	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU23A	0.36	129.8	Lg	08:19:27.517	0.5					T__				---		5530770	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.52	60.7	Pg	08:19:24.616	-0.0					T__		50.1		---	ML	1.5	5530758	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.52	60.7	Lg	08:19:31.689	-1.0					T__				---		5530759	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU10A	0.56	268.0	Lg	08:19:33.317	-0.5					T__				---		5530771	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.75	34.7	Lg	08:19:40.381	1.0					T__				---		5530766	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.78	36.3	Pg	08:19:29.407	0.2					T__		49.7		---	ML	1.6	5530763	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	36.3	Lg	08:19:41.320	0.9					T__				---		5530762	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	0.92	313.3	Pn	08:19:32.331	0.9					T__		10.6		---	ML	1.0	5530760	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.92	313.3	Lg	08:19:44.336	-1.0					T__				---		5530761	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
ABAH	1.03	64.9	Pn	08:19:33.970	1.3					T__		113.8		---	ML	2.1	5530767	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.03	64.9	Sn	08:19:47.473	-0.3					T__				---		5530768	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
CSKK 1.18 245.3 Sn 08:19:53.970 2.2 T__ --- 5530769 FDSN HU -- BUD iLoc HHE ??? _
A267A 1.31 225.6 Sn 08:19:58.775 4.5 T__ --- 5530772 FDSN Z3 00 BUD iLoc HHN ??? _
MPLH 1.71 246.8 Sn 08:20:08.654 4.1 T__ --- 5530773 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
2020/06/08 08:23:34.41 0.91 1.17 47.3934 18.1716 5.9 3.9 133 3.0 13.1 12 8 123 0.07 1.31 sx BUD 16001180 BUD 183

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Magnitude Err Nsta Author OrigID
ML 1.3 0.3 4 BUD 16001180

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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 0.07 116.6 Pg 08:23:36.268 0.1 T__ 2614.6 --- ML 1.9 5530890 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 116.6 Lg 08:23:38.061 0.2 T__ --- 5530891 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU09A 0.28 30.1 Pg 08:23:40.366 0.1 T__ 253.3 --- ML 1.5 5530897 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.28 30.1 Lg 08:23:45.164 0.0 T__ --- 5530892 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MPLH 0.48 242.8 Pg 08:23:45.283 1.1 T__ 32.7 --- ML 1.2 5530896 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.48 242.8 Lg 08:23:49.368 -2.1 T__ --- 5530895 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A335A 1.06 5.9 Sn 08:24:10.168 -1.1 T__ --- 5530898 FDSN Z3 00 BUD iLoc HHN ??? _
VYHS 1.19 21.8 Pn 08:23:57.742 0.9 T__ 8.0 --- ML 1.1 5530893 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.19 21.8 Sn 08:24:13.819 -0.7 T__ --- 5530894 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MORH 1.22 164.5 Sn 08:24:13.754 -0.8 T__ --- 5530899 FDSN HU -- BUD iLoc HHE ??? _
PSZ 1.28 65.1 Sn 08:24:15.219 -1.5 T__ --- 5530900 FDSN GE -- BUD iLoc HHN ??? _
KOVH 1.31 182.2 Lg 08:24:18.219 -0.2 T__ --- 5530901 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
2020/06/09 03:31:24.54 1.10 0.40 47.3278 18.1684 4.6 3.8 48 3.3 10.9 15 9 70 0.04 1.25 ke BUD 16001182 BUD 119

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Magnitude Err Nsta Author OrigID
ML 1.1 0.1 6 BUD 16001182

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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 0.04 131.4 Pg 03:31:25.888 0.1 T__ 1125.9 _c_ ML 1.5 5531056 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.04 131.4 Lg 03:31:26.531 -0.6 T__ --- 5531054 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
MSW3 0.06 332.6 Pg 03:31:26.487 0.3 T__ 364.5 _c_ ML 1.0 5531057 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.06 332.6 Lg 03:31:27.796 0.1 T__ --- 5531055 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CSKK 0.07 60.6 Pg 03:31:26.611 0.2 T__ 485.7 _d_ ML 1.2 5531058 FDSN HU -- BUD iLoc HHZ HHZ _

```

CSKK	0.07	60.6	Lg	03:31:28.318	0.1	T__									5531048	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1)																							
(Station ML: 1.2 magdef=1)																							
MSW1	0.09	43.4	Pg	03:31:26.842	0.1	T__	437.2	_d	ML	1.2	5531059	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_				
MSW1	0.09	43.4	Lg	03:31:28.587	-0.2	T__					5531060	FDSN	HU	--	BUD	iLoc	HHN	???	_				
(Reading ML: 1.2 magdef=1)																							
(Station ML: 1.2 magdef=1)																							
HU08A	0.20	302.0	Pg	03:31:28.442	-0.3	T__	48.2	___	ML	0.5	5531050	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
HU08A	0.20	302.0	Lg	03:31:31.688	-0.5	T__					5531051	FDSN	ZJ	00	BUD	iLoc	HHE	???	_				
(Reading ML: 0.5 magdef=1)																							
(Station ML: 0.5 magdef=0)																							
MPLH	0.46	250.0	Pg	03:31:34.262	0.5	T__	30.7	___	ML	1.1	5531049	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_				
MPLH	0.46	250.0	Lg	03:31:40.726	0.1	T__					5531061	FDSN	HU	--	BUD	iLoc	HHN	???	_				
(Reading ML: 1.1 magdef=1)																							
(Station ML: 1.1 magdef=1)																							
MORH	1.16	163.5	Sn	03:32:02.231	-0.8	T__					5531053	FDSN	HU	--	BUD	iLoc	HHN	???	_				
KOVH	1.24	182.2	Sn	03:32:04.936	-0.1	T__					5531062	FDSN	HU	--	BUD	iLoc	HHE	???	_				
VVHS	1.25	20.8	Sn	03:32:05.842	-0.3	T__					5531052	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
2020/06/09	06:06:20.48	1.07	0.91	47.2630	17.7277	20.0	4.5	147	0.0f		5	4	164	0.16	0.38	sx	BUD	16001184	BUD			323

Magnitude Err Nsta Author OrigID

Sta	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	234.2	Pg	06:06:24.139	-0.2					T__		162.5		___	ML	1.0	5531089	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.16	234.2	Lg	06:06:27.926	0.4					T__				___		5531090	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
HU08A	0.21	38.3	Lg	06:06:29.478	-0.1					T__				___		5531091	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW3	0.30	65.9	Lg	06:06:33.423	1.1					T__				___		5531092	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.38	74.4	Lg	06:06:34.663	-0.6					T__				___		5531093	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
2020/06/09	08:01:28.18	2.26	0.40	47.5689	18.4598	18.8	3.6	92	0.0f		10	5	249	0.09	0.32	sx	BUD	16001186	BUD			341

Magnitude Err Nsta Author OrigID

ML 1.2 0.2 5 BUD 16001186

Sta	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	323.1	Pg	08:01:30.770	0.3					T__		746.9		___	ML	1.4	5531119	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	323.1	Lg	08:01:31.990	-0.7					T__				___		5531120	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
MSW1	0.22	217.8	Pg	08:01:32.907	-0.3					T__		111.6		___	ML	1.0	5531122	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.22	217.8	Lg	08:01:37.476	-0.1					T__				___		5531121	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
CSKK	0.25	213.4	Pg	08:01:33.831	0.2					T__		152.9		___	ML	1.2	5531117	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	213.4	Lg	08:01:38.722	0.3					T__				___		5531118	FDSN	HU	--	BUD	iLoc	HHZ	???	_	

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MSW3 0.29 230.7 Pg 08:01:34.777 0.3 T__ 165.0 ___ ML 1.3 5531124 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.29 230.7 Lg 08:01:39.696 -0.1 T__ ___ 5531123 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MSW2 0.32 212.4 Pg 08:01:34.988 0.1 T__ 60.1 ___ ML 1.0 5531125 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.32 212.4 Lg 08:01:40.379 -0.3 T__ ___ 5531126 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 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
2020/06/09 09:16:54.68 0.36 1.84 47.8896 19.4635 0.0 0.0 13 0 153 0.09 1.54 kx BUD 16001190 BUD
2020/06/09 09:16:52.46 0.89 1.79 47.9151 19.4088f 0.0f 13 11 140 0.13 1.50 kx BUD_GT 16001191 BUD 160
(locality : Szanda Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.6 0.4 4 BUD 16001191

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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 95.0 Pg 09:16:55.924 0.3 T__ 2444.0 ___ ML 2.0 5531203 FDSN ZJ 00 iLoc BUD HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU10A 0.27 255.2 Lg 09:17:02.753 -0.5 T__ 5531206 FDSN ZJ 00 iLoc BUD HHN ??? _
PSZ 0.33 89.2 Pg 09:16:58.314 -1.6 T__ 222.6 ___ ML 1.6 5531201 FDSN GE -- iLoc BUD HHZ HHZ _
PSZ 0.33 89.2 Lg 09:17:03.752 -1.8 T__ ___ 5531202 FDSN GE -- iLoc BUD HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.69 326.7 Pg 09:17:07.479 0.8 T__ 15.8 ___ ML 1.1 5531208 FDSN SK -- iLoc BUD HHZ HHZ _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.78 74.1 Lg 09:17:19.076 -1.8 T__ 5531204 FDSN ZJ 00 iLoc BUD HHN ??? _
A335A 0.89 306.9 Lg 09:17:25.825 1.5 T__ 5531205 FDSN Z3 00 iLoc BUD HHN ??? _
CSKK 0.95 235.0 Lg 09:17:28.272 1.4 T__ 5531207 FDSN HU -- iLoc BUD HHE ??? _
JOS 0.95 52.0 Pg 09:17:11.055 -0.4 T__ 39.2 ___ ML 1.6 5531200 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 0.95 52.0 Lg 09:17:28.774 3.0 T__ ___ 5531212 FDSN ZJ -- iLoc BUD HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A332A 1.09 325.1 Lg 09:17:28.522 -1.1 T__ 5531209 FDSN Z3 00 iLoc BUD HHN ??? _
JAVC 1.49 309.8 Sn 09:17:45.656 3.6 T__ 5531211 FDSN CZ -- iLoc BUD HHN ??? _
MODS 1.50 288.6 Sn 09:17:42.830 1.3 T__ ___ 5531210 FDSN SK -- iLoc BUD HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/06/09 09:32:56.73 0.86 0.92 48.5187 18.7568 8.1 3.1 7 7.3 5.6 15 9 127 0.06 1.49 sx BUD 16001192 BUD 154

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 16001192

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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	0.06	115.1	Pg	09:32:58.826	0.1					T__		699.3		---	ML	1.3	5531267	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.06	115.1	Lg	09:33:00.091	-0.2					T__				---		5531268	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=0)																					
A335A	0.29	255.8	Pg	09:33:02.863	0.0					T__		281.3		---	ML	1.6	5531272	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.29	255.8	Lg	09:33:07.217	-0.3					T__				---		5531273	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
JAVC	0.80	295.7	Pg	09:33:13.512	0.6					T__		65.9		---	ML	1.8	5531274	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.80	295.7	Lg	09:33:24.397	-0.6					T__				---		5531275	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
PSZ	0.97	127.9	Pn	09:33:15.708	-0.2					T__		68.1		---	ML	1.9	5531276	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.97	127.9	Lg	09:33:31.066	0.0					T__				---		5531277	FDSN	GE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=0)																					
MODS	1.00	262.2	Lg	09:33:30.974	-0.5					T__				---		5531278	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	1.15	91.1	Lg	09:33:34.856	-0.6					T__				---		5531269	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.19	90.4	Pn	09:33:20.446	1.8					T__		37.1		---	ML	1.7	5531271	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.19	90.4	Lg	09:33:35.644	-0.9					T__				---		5531270	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
HU02A	1.25	107.9	Pn	09:33:20.910	1.3					T__		23.9		---	ML	1.6	5531279	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.25	107.9	Sn	09:33:39.010	1.3					T__				---		5531280	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
MORC	1.49	328.1	Lg	09:33:44.427	-0.7					T__				---		5531281	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
2020/06/09	10:03:46.83	4.09	0.98	48.9503	20.1574	53.6	24.5	70	10.0f		5	3	347	0.52	0.86	sx	BUD	16001194	BUD			355

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	3 BUD	16001194

Sta	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	0.52	154.9	Pg	10:03:57.746	0.5					T__		124.7		---	ML	1.8	5531312	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
JOS	0.52	150.8	Pg	10:03:57.176	-0.1					T__		27.0		---	ML	1.2	5531308	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	150.8	Lg	10:04:04.984	0.1					T__				---		5531309	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
HU02A	0.86	163.4	Pn	10:04:02.909	-1.2					T__		26.4		---	ML	1.4	5531310	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.86	163.4	Lg	10:04:16.490	-0.3					T__				---		5531311	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
2020/06/09	10:10:13.67	3.00	2.74	48.4045	17.7241	24.8	5.0	128	10.0f		6	4	190	0.30	1.33	sx	BUD	16001196	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	
MODS	0.30	264.2	Pg	10:10:20.447	0.3					T__						5531332	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.30	264.2	Lg	10:10:24.788	-0.4					T__						5531333	FDSN	SK	--	BUD	iLoc	HHE	???	_	
JAVC	0.46	355.6	Pg	10:10:23.487	0.2					T__		59.5		---	ML	1.3	5531334	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.46	355.6	Lg	10:10:30.147	-0.4					T__				---		5531335	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
MPLH	1.24	185.8	Sn	10:10:49.572	-3.9					T__						5531336	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	1.33	249.8	Sn	10:10:58.545	2.6					T__						5531337	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
2020/06/09	10:15:27.87	0.93	0.72	48.4533	19.5672	5.9	3.6	15	0.0f		9	6	117	0.49	0.72	sx	BUD	16001198	BUD			197

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	4 BUD	16001198

Sta	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	0.49	275.1	Pg	10:15:38.067	0.2					T__		9.5		---	ML	0.6	5531359	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.49	275.1	Lg	10:15:44.569	-0.6					T__				---		5531360	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
PSZ	0.58	157.6	Pg	10:15:40.990	0.7					T__		63.2		---	ML	1.6	5531362	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.58	157.6	Lg	10:15:48.861	-0.5					T__				---		5531365	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.61	86.9	Lg	10:15:49.472	0.1					T__				---		5531363	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.65	85.9	Pg	10:15:41.078	0.3					T__		37.4		---	ML	1.4	5531361	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	85.9	Lg	10:15:49.294	-1.3					T__				---		5531366	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
LANS	0.70	354.7	Lg	10:15:51.591	0.3					T__				---		5531364	FDSN	SK	--	BUD	iLoc	EHE	???	_	
HUO2A	0.72	117.0	Pg	10:15:43.021	0.2					T__		23.2		---	ML	1.3	5531367	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	
2020/06/10	02:15:54.15	0.97	1.34	45.8461	16.0389	11.0	6.8	35	4.6		11.0	74	37	99	0.04	3.48	ke	BUD	16001204	BUD			139

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.1	32 BUD	16001204

Sta	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	242.3	Pg	02:15:56.221	0.8					T__		130339.8		---	ML	3.5	5531600	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.04	242.3	Lg	02:15:57.965	1.5					T__				---		5531634	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.5 magdef=1)																									
(Station ML: 3.5 magdef=0)																									
PTJ	0.08	320.9	Pg	02:15:55.580	-0.8					T__		88861.9		---	ML	3.5	5531599	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_

PTJ	0.08	320.9	Lg	02:15:56.549	-1.7	T__			5531635	FDSN	CR	--	BUD	iLoc	BHE	???	_		
	(Reading ML: 3.5 magdef=1																		
	(Station ML: 3.5 magdef=0																		
CRES	0.41	267.4	Pg	02:16:01.974	-0.2	T__			5531601	FDSN	SL	--	BUD	iLoc	BHZ	???	_		
CRES	0.41	267.4	Lg	02:16:08.299	0.1	T__			5531636	FDSN	SL	--	BUD	iLoc	BHN	???	_		
KOGS	0.62	13.6	Pg	02:16:06.081	-0.3	T__			5531598	FDSN	SL	--	BUD	iLoc	BHZ	???	_		
KOGS	0.62	13.6	Lg	02:16:14.480	0.0	T__			5531637	FDSN	SL	--	BUD	iLoc	BHE	???	_		
BEHE	0.81	39.1	Pn	02:16:11.473	-0.1	T__	967.3	---	ML	2.9	5531602	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.81	39.1	Sn	02:16:23.629	-0.5	T__		---			5531638	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.9 magdef=1																		
	(Station ML: 2.9 magdef=0																		
A264A	0.93	69.8	Pn	02:16:12.761	-0.3	T__	352.2	---	ML	2.6	5531603	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.93	69.8	Sn	02:16:26.152	-0.7	T__		---			5531639	FDSN	Z3	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.6 magdef=1																		
	(Station ML: 2.6 magdef=1																		
A262A	1.07	18.2	Pn	02:16:15.124	-0.1	T__	372.6	---	ML	2.7	5531604	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	1.07	18.2	Sn	02:16:30.419	0.1	T__		---			5531640	FDSN	Z3	00	BUD	iLoc	HHE	???	_
	(Reading ML: 2.7 magdef=1																		
	(Station ML: 2.7 magdef=1																		
A263A	1.19	47.6	Pg	02:16:16.367	-0.6	T__	255.9	---	ML	2.6	5531606	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.6 magdef=1																		
	(Station ML: 2.6 magdef=1																		
OBKA	1.23	303.2	Pn	02:16:17.027	-1.1	T__	237.3	---	ML	2.6	5531605	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.23	303.2	Sn	02:16:33.018	-2.2	T__		---			5531641	FDSN	OE	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.6 magdef=1																		
	(Station ML: 2.6 magdef=1																		
A261A	1.35	34.4	Pn	02:16:18.490	-0.3	T__	176.6	---	ML	2.5	5531607	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.5 magdef=1																		
	(Station ML: 2.5 magdef=1																		
A265A	1.35	64.0	Pn	02:16:18.302	-0.5	T__	307.7	---	ML	2.7	5531608	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	1.35	64.0	Sn	02:16:36.408	-0.5	T__		---			5531642	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A265A	1.35	64.0	Lg	02:16:39.989	2.0	T__		---			5531666	FDSN	Z3	00	BUD	iLoc	HHE	???	_
	(Reading ML: 2.7 magdef=1																		
	(Station ML: 2.7 magdef=1																		
BLY	1.36	143.2	Pn	02:16:19.486	0.0	T__	148.3	---	ML	2.4	5531610	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.4 magdef=1																		
	(Station ML: 2.4 magdef=1																		
ARSA	1.45	346.0	Pg	02:16:20.047	-1.1	T__	116.0	---	ML	2.4	5531609	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.45	346.0	Lg	02:16:39.743	-0.5	T__		---			5531643	FDSN	OE	--	BUD	iLoc	HHE	???	_
	(Reading ML: 2.4 magdef=1																		
	(Station ML: 2.4 magdef=1																		
KOVH	1.46	79.7	Pn	02:16:19.592	-0.7	T__	116.0	---	ML	2.4	5531612	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.46	79.7	Sn	02:16:38.360	-1.2	T__		---			5531664	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	1.46	79.7	Lg	02:16:43.029	1.8	T__		---			5531665	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.4 magdef=1																		
	(Station ML: 2.4 magdef=1																		
A260A	1.51	17.5	Pg	02:16:21.360	-1.3	T__	162.2	---	ML	2.5	5531611	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	1.51	17.5	Lg	02:16:41.647	-1.3	T__		---			5531644	FDSN	Z3	00	BUD	iLoc	HHE	???	_
	(Reading ML: 2.5 magdef=1																		
	(Station ML: 2.5 magdef=1																		
TIH	1.66	49.9	Pg	02:16:24.341	-1.2	T__	323.3	---	ML	2.9	5531613	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.9 magdef=1																		
	(Station ML: 2.9 magdef=0																		

MPLH	1.68	37.5	Pn	02:16:23.419	-0.0	T__	65.6	---	ML	2.3	5531614	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.68	37.5	Lg	02:16:46.547	-2.2	T__		---			5531667	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
A019A	1.73	338.0	Pg	02:16:26.430	0.3	T__	68.3	---	ML	2.3	5531615	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
EGYH	1.81	29.1	Sn	02:16:48.728	0.7	T__		---			5531645	FDSN	HU	--	BUD	iLoc	HNN	???	_
MORH	1.85	77.6	Pn	02:16:24.825	-0.8	T__	70.4	---	ML	2.4	5531618	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.85	77.6	Lg	02:16:55.105	1.5	T__		---			5531668	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
SOP	1.87	10.8	Pn	02:16:26.505	0.3	T__	62.2	---	ML	2.3	5531616	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	1.87	10.8	Pg	02:16:29.073	-0.2	T__		---			5531617	FDSN	HU	--	BUD	iLoc	HHZ	???	_
SOP	1.87	10.8	Sn	02:16:48.062	-1.6	T__		---			5531646	FDSN	HU	--	BUD	iLoc	HHE	???	_
SOP	1.87	10.8	Lg	02:16:53.658	-0.5	T__		---			5531647	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
A267A	2.02	56.1	Pn	02:16:28.583	0.7	T__	81.0	---	ML	2.5	5531619	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	2.02	56.1	Lg	02:17:02.246	2.7	T__		---			5531648	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
HU08A	2.05	38.6	Pn	02:16:28.562	0.1	T__	49.6	---	ML	2.3	5531620	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	2.05	38.6	Sn	02:16:54.168	0.2	T__		---			5531649	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
CONA	2.09	356.7	Pn	02:16:29.585	0.0	T__	36.7	---	ML	2.2	5531621	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	2.09	356.7	Pg	02:16:34.169	1.1	T__		---			5531622	FDSN	OE	--	BUD	iLoc	HHZ	???	_
CONA	2.09	356.7	Lg	02:17:02.901	2.0	T__		---			5531650	FDSN	OE	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
A013A	2.26	349.2	Pn	02:16:32.500	0.7	T__	56.3	---	ML	2.5	5531623	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	2.26	349.2	Pg	02:16:39.139	3.4	T__		---			5531669	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
A013A	2.26	349.2	Sn	02:16:58.986	-0.7	T__		---			5531651	FDSN	Z3	00	BUD	iLoc	HNN	???	_
A013A	2.26	349.2	Lg	02:17:08.006	2.3	T__		---			5531652	FDSN	Z3	00	BUD	iLoc	HNN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
A008A	2.54	354.2	Pn	02:16:36.185	0.6	T__	37.3	---	ML	2.5	5531624	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	2.54	354.2	Lg	02:17:16.229	1.7	T__		---			5531653	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
MODS	2.67	18.0	Pn	02:16:37.537	0.2	T__		---			5531625	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	2.67	18.0	Sn	02:17:06.220	-3.4	T__		---			5531654	FDSN	SK	--	BUD	iLoc	HHE	???	_
A338A	2.69	35.3	Sn	02:17:09.595	-0.2	T__		---			5531655	FDSN	Z3	00	BUD	iLoc	HH2	???	_
FRGS	2.74	103.2	Pn	02:16:37.987	-0.2	T__	35.6	---	ML	2.6	5531626	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
FRGS	2.74	103.2	Sn	02:17:09.912	-1.4	T__		---			5531656	FDSN	SJ	--	BUD	iLoc	BHN	???	_
FRGS	2.74	103.2	Lg	02:17:26.941	3.8	T__		---			5531657	FDSN	SJ	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
A007A	2.89	353.3	Pn	02:16:40.630	-0.0	T__	25.3	---	ML	2.5	5531627	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A007A	2.89	353.3	Lg	02:17:27.223	1.1	T__		---			5531658	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			

A006A	2.90	359.8	Pg	02:16:47.752	-0.1	T__	52.6	___	ML	2.8	5531670	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	2.90	359.8	Lg	02:17:27.941	1.4	T__		---			5531659	FDSN	Z3	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.8 magdef=1)																		
	(Station ML: 2.8 magdef=1)																		
A001A	2.91	7.2	Pn	02:16:40.995	0.3	T__	44.2	___	ML	2.8	5531628	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	2.91	7.2	Pg	02:16:49.000	0.6	T__		---			5531671	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
	(Reading ML: 2.8 magdef=1)																		
	(Station ML: 2.8 magdef=1)																		
CKRC	3.20	339.1	Pn	02:16:46.422	1.6	T__	51.9	___	ML	3.0	5531629	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	3.20	339.1	Sn	02:17:21.384	-2.0	T__		---			5531661	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	3.20	339.1	Lg	02:17:35.550	0.2	T__		---			5531660	FDSN	CZ	--	BUD	iLoc	HHE	???	_
	(Reading ML: 3.0 magdef=1)																		
	(Station ML: 3.0 magdef=0)																		
JAVC	3.21	19.6	Pn	02:16:45.152	0.2	T__	36.7	___	ML	2.9	5531630	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	3.21	19.6	Sn	02:17:21.454	-2.2	T__		---			5531662	FDSN	CZ	--	BUD	iLoc	HHE	???	_
	(Reading ML: 2.9 magdef=1)																		
	(Station ML: 2.9 magdef=1)																		
KRUC	3.23	4.2	Pn	02:16:44.368	-0.8	T__	21.2	___	ML	2.6	5531631	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	3.23	4.2	Sn	02:17:20.822	-2.5	T__		---			5531663	FDSN	CZ	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.6 magdef=1)																		
	(Station ML: 2.6 magdef=1)																		
VYHS	3.26	34.8	Pn	02:16:45.519	0.1	T__	5.8	___	ML	2.1	5531632	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.1 magdef=1)																		
	(Station ML: 2.1 magdef=0)																		
VRAC	3.48	6.0	Pn	02:16:48.016	-0.7	T__	26.3	___	ML	2.9	5531633	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
	(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
2020/06/10	08:30:51.30	0.94	1.14	47.1244	18.0445	4.9	3.8	122	0.0f		9	6	113	0.25	1.04	sx	BUD	16001206	BUD			202

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	3 BUD	16001206

Sta	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	204.8	Pg	08:30:57.760	1.0					T__		787.0		___	ML	1.9	5531756	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.25	204.8	Lg	08:31:00.210	-0.9					T__				---		5531759	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
	(Reading ML: 1.9 magdef=1)																								
	(Station ML: 1.9 magdef=1)																								
CSKK	0.28	31.6	Pg	08:30:57.698	0.2					T__		114.8		___	ML	1.1	5531761	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
CSKK	0.28	31.6	Lg	08:31:02.995	0.2					T__				---		5531760	FDSN	HU	--	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.1 magdef=1)																								
	(Station ML: 1.1 magdef=1)																								
MPLH	0.35	277.7	Pg	08:30:58.945	0.1					T__		58.7		___	ML	1.0	5531754	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.35	277.7	Lg	08:31:04.301	-0.3					T__				---		5531755	FDSN	HU	--	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.0 magdef=1)																								
	(Station ML: 1.0 magdef=1)																								
A267A	0.35	120.6	Lg	08:31:04.497	-0.4					T__				---		5531762	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORH	1.00	155.4	Lg	08:31:24.726	-1.1					T__				---		5531758	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.04	177.9	Lg	08:31:25.356	-2.1					T__				---		5531757	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
2020/06/10	08:32:07.09	0.87	1.10	48.5126	17.4744	4.2	3.2	145	0.0f	15	10	91	0.16	1.58	sx	BUD	16001208	BUD			132	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	7 BUD	16001208

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A334A	0.16	55.3	Pg	08:32:09.992	-0.8					T__		589.9		___	ML	1.5	5531803	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MODS	0.19	223.4	Pg	08:32:10.461	-1.1					T__				---		5531797	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	223.4	Lg	08:32:13.856	-1.3					T__				---		5531798	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
JAVC	0.37	20.5	Pg	08:32:13.899	-1.1					T__		122.0		___	ML	1.4	5531799	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.37	20.5	Lg	08:32:20.348	-0.9					T__				---		5531800	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A335A	0.58	96.2	Pg	08:32:20.217	1.3					T__		76.0		___	ML	1.7	5531801	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.58	96.2	Lg	08:32:27.796	-0.1					T__				---		5531804	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
A001A	0.63	290.6	Pg	08:32:20.847	1.3					T__		40.1		___	ML	1.5	5531802	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KRUC	0.90	308.0	Pg	08:32:24.719	0.4					T__		18.7		___	ML	1.3	5531805	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.90	308.0	Lg	08:32:37.457	-0.2					T__				---		5531806	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
VRAC	0.99	324.2	Pg	08:32:26.105	0.4					T__		27.1		___	ML	1.5	5531807	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CONA	1.23	242.1	Pn	08:32:30.453	-0.8					T__		25.1		___	ML	1.6	5531808	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.23	242.1	Lg	08:32:48.828	1.8					T__				---		5531809	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORC	1.27	2.0	Lg	08:32:49.216	0.9					T__				---		5531810	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
A261A	1.58	188.1	Sn	08:32:57.909	0.7					T__				---		5531811	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
2020/06/10	11:10:36.78	3.42	2.46	48.9630	21.3858	23.5	10.2	86	0.0f	11	8	253	0.73	3.64	sx	BUD	16001210	BUD			295	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	16001210

Sta	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	0.73	230.5	Pg	11:10:51.051	-0.2					T__		41.9		___	ML	1.5	5531847	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.73	230.5	Lg	11:11:00.889	-1.2					T__				---		5531848	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.77	231.5	Pg	11:10:52.211	0.2					T__		65.1		___	ML	1.7	5531851	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.77	231.5	Lg	11:11:03.723	0.4					T__				---		5531846	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

HU02A	1.02	214.5	Pn	11:10:57.134	-0.2	T__					24.9	---	ML	1.5	5531853	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.02	214.5	Lg	11:11:11.477	-1.0	T__						---			5531852	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
LANS	1.28	279.2	Lg	11:11:19.544	0.6	T__						---			5531854	FDSN	SK	--	BUD	iLoc	EHN	???	_
OJC	1.63	321.2	Lg	11:11:28.660	-0.7	T__						---			5531850	FDSN	PL	--	BUD	iLoc	BHE	???	_
MPLH	3.14	236.6	Sn	11:12:05.449	-0.0	T__						---			5531855	FDSN	HU	--	BUD	iLoc	HHE	???	_
MORH	3.32	215.0	Lg	11:12:28.542	1.4	T__						---			5531849	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	3.64	219.0	Sn	11:12:23.094	6.6	T__						---			5531856	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
2020/06/10	22:59:50.98	1.01	1.00	46.1450	16.7120	8.0	4.1	7	4.0	18.5	12	8	152	0.33	1.34	ke	BUD	16001212	BUD			157

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	16001212

Sta	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	0.33	7.7	Lg	23:00:01.367	-1.1					T__						5531895	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A264A	0.40	87.7	Pg	22:59:59.179	-0.1					T__		71.3			ML	1.3	5531888	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.40	87.7	Lg	23:00:05.311	0.6					T__						5531889	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KOGS	0.44	313.6	Pg	22:59:59.553	-0.2					T__						5531884	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
KOGS	0.44	313.6	Lg	23:00:07.211	1.6					T__						5531885	FDSN	SL	--	BUD	iLoc	BHE	???	_	
PTJ	0.57	245.6	Lg	23:00:09.699	-1.0					T__						5531890	FDSN	CR	--	BUD	iLoc	BHE	???	_	
A265A	0.80	69.2	Lg	23:00:17.994	0.2					T__						5531887	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CRES	0.93	250.4	Lg	23:00:22.986	0.5					T__						5531886	FDSN	SL	--	BUD	iLoc	BHE	???	_	
KOVH	0.97	92.9	Pg	23:00:09.553	-0.5					T__		25.0			ML	1.4	5531892	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.97	92.9	Lg	23:00:22.765	-0.0					T__						5531891	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	1.34	86.3	Pn	23:00:16.605	1.5					T__		16.5			ML	1.5	5531894	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.34	86.3	Lg	23:00:35.011	0.5					T__						5531893	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
2020/06/10	23:21:23.29	1.03	1.40	46.0391	16.7618	9.5	4.0	1	5.0f		11	7	170	0.39	1.32	ke	BUD	16001214	BUD			175

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	
A264A	0.39	71.6	Pg	23:21:30.557	-0.7					T__		71.6			ML	1.2	5531921	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.39	71.6	Lg	23:21:37.584	1.0					T__						5531922	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KOGS	0.54	319.2	Pg	23:21:34.777	0.7					T__						5531929	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
KOGS	0.54	319.2	Lg	23:21:39.761	-1.4					T__						5531923	FDSN	SL	--	BUD	iLoc	BHE	???	_	
PTJ	0.57	256.9	Lg	23:21:42.351	-0.7					T__						5531927	FDSN	CR	--	BUD	iLoc	BHN	???	_	
KOVH	0.93	86.5	Pg	23:21:41.787	0.1					T__		23.7			ML	1.4	5531924	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.93	86.5	Lg	23:21:54.607	0.7					T__						5531925	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CRES	0.94	257.3	Pg	23:21:41.312	0.1					T__						5531930	FDSN	SL	--	BUD	iLoc	BHZ	???	_	

CRES	0.94	257.3	Lg	23:21:55.168	0.2	T__	---	5531928	FDSN	SL	--	BUD	iLoc	BHN	???	_
A260A	1.25	358.2	Sn	23:22:00.130	-2.8	T__	---	5531931	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MORH	1.32	81.7	Lg	23:22:07.709	1.7	T__	---	5531926	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
2020/06/10	23:26:44.01	1.14	0.49	46.0778	16.7090	12.7	5.7	1	11.0f	7	5	163	0.41	0.97	ke	BUD	16001216	BUD			183	

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	
A264A	0.41	78.3	Pg	23:26:52.432	-0.1				T__		79.9			---	ML	1.3	5531951	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.41	78.3	Lg	23:26:58.233	-0.1				T__					---		5531952	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KOGS	0.49	319.5	Lg	23:27:00.466	0.1				T__					---		5531953	FDSN	SL	--	BUD	iLoc	BHE	???	_	
PTJ	0.54	252.0	Lg	23:27:02.931	-0.2				T__					---		5531956	FDSN	CR	--	BUD	iLoc	BHN	???	_	
CRES	0.91	254.4	Lg	23:27:15.636	0.7				T__					---		5531957	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOVH	0.97	88.9	Pn	23:27:02.159	-0.1				T__		17.7			---	ML	1.3	5531954	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.97	88.9	Lg	23:27:16.093	0.6				T__					---		5531955	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
2020/06/10	23:39:45.57	1.26	1.41	46.0426	16.7007	9.6	6.2	178	11.0f	9	7	90	0.43	1.36	ke	BUD	16001218	BUD			168	

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	
A264A	0.43	73.8	Lg	23:40:01.057	0.8				T__					---		5532001	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
BEHE	0.43	6.9	Lg	23:40:01.947	1.4				T__					---		5532000	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOGS	0.51	322.5	Pg	23:39:54.788	-1.0				T__					---		5531999	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
KOGS	0.51	322.5	Lg	23:40:03.312	0.6				T__					---		5531994	FDSN	SL	--	BUD	iLoc	BHE	???	_	
PTJ	0.53	255.4	Lg	23:40:06.030	1.8				T__					---		5532002	FDSN	CR	--	BUD	iLoc	BHZ	???	_	
KOVH	0.98	86.8	Pn	23:40:04.465	0.5				T__		14.4			---	ML	1.2	5531995	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.98	86.8	Sn	23:40:18.795	1.0				T__					---		5531996	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BLY	1.34	165.1	Pn	23:40:07.637	-1.8				T__		21.4			---	ML	1.6	5531997	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.36	82.0	Lg	23:40:31.248	0.5				T__					---		5531998	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	
2020/06/10	23:53:55.39	1.06	0.82	46.0762	16.7309	8.1	3.7	3	3.9	15.5	16	9	163	0.40	1.40	ke	BUD	16001220	BUD			169	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	16001220

Sta	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	0.40	77.7	Pg	23:54:03.319	-0.2				T__		70.8			---	ML	1.3	5532035	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.40	77.7	Lg	23:54:09.519	0.5				T__					---		5532036	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
KOGS	0.50	318.3	Pg	23:54:06.061	0.7				T__					---		5532037	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
KOGS	0.50	318.3	Lg	23:54:11.591	-0.3				T__					---		5532038	FDSN	SL	--	BUD	iLoc	BHE	???	_	
PTJ	0.56	252.6	Lg	23:54:14.034	-0.7				T__					---		5532039	FDSN	CR	--	BUD	iLoc	BHE	???	_	
A262A	0.80	350.0	Pg	23:54:10.832	-0.4				T__		55.8			---	ML	1.7	5532043	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A262A	0.80	350.0	Lg	23:54:20.279	-1.4	T__	---	5532044	FDSN	Z3	00	BUD	iLoc	HHE	???	_			
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
A265A	0.82	64.4	Pg	23:54:11.530	-0.2	T__	84.3	---	ML	1.9	5532045	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.82	64.4	Lg	23:54:24.324	1.6	T__	---	---	---	5532046	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
CRES	0.92	254.7	Pg	23:54:13.299	0.1	T__	---	---	---	5532040	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
CRES	0.92	254.7	Lg	23:54:26.630	0.0	T__	---	---	---	5532047	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOVH	0.95	88.8	Pg	23:54:13.852	-0.3	T__	21.6	---	ML	1.4	5532041	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.95	88.8	Lg	23:54:26.410	-0.3	T__	---	---	---	5532042	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
MORH	1.34	83.4	Pg	23:54:21.392	0.2	T__	15.3	---	ML	1.4	5532048	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.34	83.4	Lg	23:54:39.479	0.7	T__	---	---	---	5532049	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
EGYH	1.40	16.9	Sn	23:54:40.435	1.1	T__	---	---	---	5532050	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
2020/06/11	00:00:12.97	0.90	0.60	46.0780	16.7260	8.9	3.7	164	5.0f	16	11	78	0.40	1.44	ke	BUD	16001222	BUD			155	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	16001222

Sta	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	0.40	78.0	Pg	00:00:20.913	-0.3					T__		90.0		---	ML	1.4	5532087	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.40	78.0	Lg	00:00:27.271	0.6					T__				---	---	5532088	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOGS	0.50	318.5	Lg	00:00:29.126	-0.3					T__				---	---	5532089	FDSN	SL	--	BUD	iLoc	BHN	???	_	
PTJ	0.56	252.3	Pg	00:00:23.915	-0.3					T__	29.3			---	ML	1.3	5532090	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.56	252.3	Lg	00:00:31.599	-0.7					T__				---	---	5532091	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ZAG	0.57	244.3	Lg	00:00:32.152	0.0					T__				---	---	5532096	FDSN	CR	--	BUD	iLoc	BHN	???	_	
A265A	0.82	64.6	Lg	00:00:41.138	0.7					T__				---	---	5532092	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CRES	0.92	254.6	Pg	00:00:30.921	0.3					T__				---	---	5532097	FDSN	SL	--	BUD	iLoc	BHE	???	_	
CRES	0.92	254.6	Lg	00:00:44.829	0.7					T__				---	---	5532095	FDSN	SL	--	BUD	iLoc	BHE	???	_	
KOVH	0.96	88.9	Pg	00:00:31.369	-0.4					T__	29.6			---	ML	1.5	5532093	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.96	88.9	Lg	00:00:44.303	-0.0					T__				---	---	5532094	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A260A	1.21	359.3	Sn	00:00:51.916	0.2					T__				---	---	5532098	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORH	1.34	83.4	Pg	00:00:39.188	0.4					T__	15.8			---	ML	1.4	5532099	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.34	83.4	Lg	00:00:55.791	-0.6					T__				---	---	5532100	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
BLY	1.37	166.2	Lg	00:00:57.588	1.3					T__				---	---	5532101	FDSN	MN	--	BUD	iLoc	HHN	???	_	
ARSA	1.44	325.2	Lg	00:00:59.055	0.4					T__				---	---	5532102	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
2020/06/11	00:01:24.05	0.92	0.90	46.1126	16.7330	8.3	3.5	170	5.0f	15	9	158	0.39	1.47	ke	BUD	16001224	BUD			164	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	5 BUD	16001224

Sta	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	0.39	82.9	Pg	00:01:32.127	0.0					T__		62.6		---	ML	1.2	5532137	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.39	82.9	Lg	00:01:38.567	1.1					T__				---		5532142	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																									
KOGS	0.47	315.2	Lg	00:01:40.346	0.6					T__				---		5532143	FDSN	SL	--	BUD	iLoc	BHE	???	_	
PTJ	0.57	249.2	Pg	00:01:35.197	-0.4					T__		31.9		---	ML	1.3	5532145	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.57	249.2	Lg	00:01:43.104	-0.7					T__				---		5532144	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
A262A	0.77	349.4	Lg	00:01:50.373	1.2					T__				---		5532146	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
A265A	0.80	66.7	Pg	00:01:38.377	-1.7					T__		65.7		---	ML	1.8	5532147	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.80	66.7	Lg	00:01:50.366	-0.5					T__				---		5532148	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
CRES	0.94	252.6	Pg	00:01:42.366	0.4					T__				---		5532138	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
CRES	0.94	252.6	Lg	00:01:55.908	0.2					T__				---		5532139	FDSN	SL	--	BUD	iLoc	BHE	???	_	
KOVH	0.95	91.0	Pg	00:01:42.648	-0.1					T__		16.7		---	ML	1.3	5532140	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.95	91.0	Lg	00:01:55.573	0.3					T__				---		5532141	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
MORH	1.33	84.9	Pg	00:01:50.197	0.5					T__		13.5		---	ML	1.4	5532149	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.33	84.9	Lg	00:02:08.185	1.0					T__				---		5532150	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
A267A	1.47	54.7	Lg	00:02:10.963	-1.1					T__				---		5532151	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
2020/06/11	01:49:23.75	1.17	0.59	46.0781	16.7289	11.2	5.6	13	5.0f	6	4	163	0.50	0.95	ke	BUD	16001226	BUD			294	

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	
KOGS	0.50	318.3	Pg	01:49:33.986	0.4					T__				---		5532175	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
KOGS	0.50	318.3	Lg	01:49:39.542	-0.6					T__				---		5532176	FDSN	SL	--	BUD	iLoc	BHN	???	_	
PTJ	0.56	252.4	Lg	01:49:42.601	-0.5					T__				---		5532180	FDSN	CR	--	BUD	iLoc	BHZ	???	_	
CRES	0.92	254.6	Lg	01:49:55.126	0.2					T__				---		5532177	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOVH	0.95	88.9	Pg	01:49:42.648	0.2					T__		20.8		---	ML	1.3	5532179	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.95	88.9	Lg	01:49:54.627	-0.4					T__				---		5532178	FDSN	HU	--	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	
2020/06/11	08:52:53.35	0.90	0.63	48.6888	18.6125	5.2	3.3	60	5.7	8.9	12	7	130	0.15	1.39	sx	BUD	16001228	BUD			145	

Magnitude Err Nsta Author OrigID
 ML 1.6 0.0 7 BUD 16001228

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A332A	0.15	319.8	Pg	08:52:56.525	-0.2					T__		376.1		---	ML	1.3 5532238	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A332A	0.15	319.8	Lg	08:52:59.113	0.0					T__				---		5532241	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
VYHS	0.25	142.6	Pg	08:52:58.876	0.3					T__		41.0		---	ML	0.6 5532237	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.6 magdef=1)																								
(Station ML: 0.6 magdef=0)																								
A335A	0.30	217.3	Pg	08:52:59.514	-0.2					T__		411.4		---	ML	1.8 5532242	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.30	217.3	Lg	08:53:04.497	-0.1					T__				---		5532243	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
JAVC	0.65	285.7	Pg	08:53:06.681	0.1					T__		48.5		---	ML	1.5 5532244	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
JOS	1.29	97.9	Pn	08:53:17.383	0.3					T__		24.8		---	ML	1.6 5532239	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.29	97.9	Lg	08:53:35.247	-1.3					T__				---		5532240	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
MORC	1.30	327.6	Pg	08:53:17.979	-0.1					T__		25.1		---	ML	1.6 5532245	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.30	327.6	Lg	08:53:36.630	0.9					T__				---		5532246	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
HU02A	1.39	113.3	Pn	08:53:19.146	0.6					T__		22.4		---	ML	1.6 5532247	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.39	113.3	Sn	08:53:38.665	0.1					T__				---		5532248	FDSN	ZJ	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
 2020/06/11 08:57:46.43 0.86 0.93 48.6564 18.5921 4.4 3.9 33 0.0f 16 9 84 0.23 1.75 sx BUD 16001230 BUD 117

Magnitude Err Nsta Author OrigID
 ML 1.6 0.1 7 BUD 16001230

Sta	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	135.0	Pg	08:57:51.015	-0.3					T__		67.5		---	ML	0.8 5532297	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.23	135.0	Lg	08:57:54.851	-0.1					T__				---		5532298	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=0)																								
A335A	0.27	219.2	Pg	08:57:52.191	0.0					T__		338.9		---	ML	1.6 5532292	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.27	219.2	Lg	08:57:57.162	0.5					T__				---		5532293	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
JAVC	0.64	288.8	Pg	08:57:59.356	-0.4					T__		50.2		---	ML	1.6 5532294	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
MODS	0.92	252.6	Pg	08:58:05.555	0.5					T__				---		5532299	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.92	252.6	Lg	08:58:19.071	0.0					T__				---		5532295	FDSN	SK	--	BUD	iLoc	HHE	???	_

JOS	1.30	96.4	Pn	08:58:09.728	-1.3	T__	25.0	___	ML	1.6	5532296	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.30	96.4	Sn	08:58:28.445	-2.0	T__		---			5532302	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
MORC	1.32	328.9	Pg	08:58:10.535	-0.3	T__	24.7	___	ML	1.6	5532305	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.32	328.9	Lg	08:58:29.456	0.3	T__		---			5532306	FDSN	CZ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
NIE	1.36	55.2	Pg	08:58:12.611	0.6	T__	18.6	___	ML	1.5	5532304	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.36	55.2	Lg	08:58:31.998	0.8	T__		---			5532303	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
HU02A	1.39	111.8	Pn	08:58:11.338	-1.1	T__	31.0	___	ML	1.8	5532300	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.39	111.8	Sn	08:58:31.493	-1.4	T__		---			5532301	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
OJC	1.75	26.3	Sn	08:58:41.866	-0.8	T__		---			5532307	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
2020/06/11	08:59:13.91	1.04	0.29	46.1376	18.3019	11.2	3.7	159	0.0f		5	3	178	0.15	0.39	sx	BUD	16001232	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	250.7	Pg	08:59:17.587	0.0					T__		576.9		___	ML	1.5	5532337	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	250.7	Lg	08:59:20.516	0.0					T__				---		5532338	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
MORH	0.25	71.8	Pg	08:59:19.620	0.1					T__		181.5		___	ML	1.3	5532335	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	71.8	Lg	08:59:23.577	-0.4					T__				---		5532336	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
A266A	0.39	356.2	Lg	08:59:28.555	-0.1					T__				---		5532339	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			
2020/06/11	09:57:18.88	0.41	0.99	47.2383	18.2944	4.8	4.0	81	0.0	0.0	11	0	109	0.09	1.28	kx	BUD	16001234	BUD						
2020/06/11	09:57:17.00	0.93	0.64	47.2302	18.2835f				0.0f		11	7	109	0.09	1.29	kx	BUD_GT	16001235	BUD				206		
(locality : Iszkaszentgyörgy Hungary)																									
(description : known quarry blast)																									
(GT info : GT2 explosion)																									

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	4 BUD	16001235

Sta	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	09:57:19.087	-0.3					T__		489.2		___	ML	1.2	5532365	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MSW2	0.09	325.6	Lg	09:57:21.059	-0.8					T__				---		5532366	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CSKK	0.13	353.3	Pg	09:57:20.494	0.2					T__		295.0		___	ML	1.1	5532367	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_

CSKK	0.13	353.3	Lg	09:57:23.005	-0.4	T__								5532368	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
				(Reading ML: 1.1 magdef=1)																			
				(Station ML: 1.1 magdef=1)																			
MSW1	0.16	354.2	Lg	09:57:23.886	-0.6	T__								5532369	FDSN	HU	--	iLoc	BUD	HHN	???	_	
MSW3	0.19	325.1	Pg	09:57:21.125	-0.2	T__	89.1						ML	0.8	5532370	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MSW3	0.19	325.1	Lg	09:57:24.728	-0.4	T__								5532371	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
				(Reading ML: 0.8 magdef=1)																			
				(Station ML: 0.8 magdef=1)																			
MPLH	0.51	263.5	Pg	09:57:28.318	0.7	T__	58.3						ML	1.5	5532374	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MPLH	0.51	263.5	Lg	09:57:37.102	1.4	T__								5532375	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
				(Reading ML: 1.5 magdef=1)																			
				(Station ML: 1.5 magdef=1)																			
MORH	1.05	166.2	Lg	09:57:52.850	-0.2	T__								5532372	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
PSZ	1.29	57.1	Sn	09:58:00.665	-0.1	T__								5532373	FDSN	GE	--	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/06/11	10:17:15.67	0.89	0.96	48.5094	19.4016	4.4	3.5	27	0.0f		12	7	100	0.38	1.24	sx	BUD	16001236	BUD			196

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD	16001236

Sta	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	0.38	267.9	Pg	10:17:23.511	0.0					T__		11.6			ML	0.4	5532438	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.38	267.9	Lg	10:17:28.397	-0.8					T__						5532439	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 0.4 magdef=1)																					
				(Station ML: 0.4 magdef=0)																					
HU03A	0.62	167.6	Lg	10:17:38.550	0.5					T__						5532440	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
LANS	0.64	3.9	Pg	10:17:28.777	0.4					T__	46.8				ML	1.5	5532443	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.64	3.9	Lg	10:17:37.673	0.5					T__						5532444	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
PSZ	0.68	150.7	Pg	10:17:31.293	1.2					T__	47.6				ML	1.6	5532441	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.68	150.7	Lg	10:17:39.811	-0.7					T__						5532442	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
JOS	0.76	90.6	Pg	10:17:30.844	0.1					T__	56.5				ML	1.7	5532445	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.76	90.6	Lg	10:17:41.157	-0.9					T__						5532446	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=0)																					
HU02A	0.84	116.9	Pg	10:17:32.795	-0.3					T__	26.7				ML	1.4	5532447	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	116.9	Lg	10:17:44.591	-1.5					T__						5532448	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
ABAH	1.24	99.2	Sn	10:17:59.075	1.3					T__						5532449	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		
2020/06/11	10:25:34.42	1.55	0.51	48.5420	20.7695	11.7	3.9	9	0.0f		10	5	234	0.16	0.86	sx	BUD	16001238	BUD					308

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	5 BUD	16001238

Sta	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	253.3	Pg	10:25:37.742	-0.1					T__		377.9		___	ML	1.3	5532483	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	253.3	Lg	10:25:40.776	0.2					T__				---		5532484	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
KECS	0.20	252.8	Pg	10:25:38.200	-0.4					T__		1081.3		___	ML	1.9	5532486	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	252.8	Lg	10:25:42.796	0.9					T__				---		5532485	FDSN	SK	--	BUD	iLoc	EHE	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=0)																					
ABAH	0.40	128.0	Pg	10:25:42.768	0.1					T__		56.1		___	ML	1.2	5532487	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	128.0	Lg	10:25:49.120	-0.5					T__				---		5532481	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
HU02A	0.45	201.3	Pg	10:25:43.777	-0.2					T__		37.8		___	ML	1.1	5532482	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	201.3	Lg	10:25:51.586	0.2					T__				---		5532488	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=0)																					
PSZ	0.86	223.5	Pn	10:25:52.122	-0.6					T__		44.9		___	ML	1.6	5532490	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.86	223.5	Lg	10:26:05.450	0.1					T__				---		5532489	FDSN	GE	--	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
2020/06/11	10:40:02.82	2.39	0.65	46.0248	17.9660	19.3	16.1	11	10.0f		5	3	314	0.11	0.54	sx	BUD	16001240	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	
KOVH	0.11	55.7	Pg	10:40:06.117	0.2					T__		1535.4		___	ML	1.8	5532514	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.11	55.7	Lg	10:40:07.637	-0.7					T__				---		5532515	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=0)																					
MORH	0.51	67.8	Pg	10:40:13.430	0.4					T__		30.8		___	ML	1.2	5532516	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.51	67.8	Lg	10:40:20.240	-0.4					T__				---		5532517	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=0)																					
A266A	0.54	22.4	Lg	10:40:21.465	-0.0					T__				---		5532518	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
2020/06/11	11:52:05.36	0.92	1.16	48.2540	21.2204	6.4	4.6	0	0.0f		18	12	80	0.04	1.61	sx	BUD	16001242	BUD			149

Magnitude Err Nsta Author OrigID
ML 2.1 0.1 7 BUD 16001242

Sta	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	0.04	17.0	Pg	11:52:06.695	-0.1					T__		15428.1		___	ML	2.6	5532554	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.04	17.0	Lg	11:52:07.348	-1.0					T__				---		5532555	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.6 magdef=1)																					
				(Station ML: 2.6 magdef=0)																					

HU02A	0.48	254.4	Pg	11:52:14.993	-0.6	T__	124.1	---	ML	1.7	5532556	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	254.4	Lg	11:52:22.939	-0.6	T__		---			5532557	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
JOS	0.51	298.3	Pg	11:52:16.070	0.4	T__	120.6	---	ML	1.8	5532558	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	298.3	Lg	11:52:23.806	0.2	T__		---			5532559	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KECS	0.54	295.4	Lg	11:52:24.525	-0.0	T__		---			5532565	FDSN	SK	--	BUD	iLoc	EHE	???	_
HU05A	0.70	184.6	Lg	11:52:32.616	0.9	T__		---			5532566	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
TRPA	0.89	97.5	Pg	11:52:22.756	0.0	T__	164.3	---	ML	2.2	5532562	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.89	97.5	Lg	11:52:35.838	-1.5	T__		---			5532563	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
HU23A	0.90	227.0	Pn	11:52:24.361	0.4	T__	390.3	---	ML	2.6	5532567	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.90	227.0	Lg	11:52:39.788	2.2	T__		---			5532568	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
PSZ	0.95	249.8	Pn	11:52:24.765	-0.2	T__	107.0	---	ML	2.1	5532560	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.95	249.8	Lg	11:52:39.214	-0.4	T__		---			5532561	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
LTVH	0.98	152.0	Lg	11:52:40.337	-0.1	T__		---			5532564	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU24A	1.35	181.8	Sn	11:52:52.235	2.8	T__		---			5532569	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
LANS	1.47	308.4	Pn	11:52:33.743	1.4	T__	63.6	---	ML	2.1	5532570	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
VYHS	1.61	279.5	Sn	11:52:56.923	0.2	T__		---			5532571	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
2020/06/11	12:30:00.55	1.18	1.15	48.2778	17.4320	7.9	4.1	4	0.0f		12	8	154	0.14	1.37	sx	BUD	16001244	BUD			225

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	6 BUD	16001244

Sta	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	0.14	312.9	Pg	12:30:03.650	-0.4											5532629	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.14	312.9	Lg	12:30:05.867	-1.2											5532637	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
A337A	0.24	97.9	Pg	12:30:04.578	-1.3						409.1				---	ML	1.6	5532640	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=0)																										
A334A	0.36	26.2	Pg	12:30:09.072	0.8						193.6				---	ML	1.6	5532630	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
JAVC	0.60	15.2	Pg	12:30:13.186	0.1						69.9				---	ML	1.7	5532631	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.60	15.2	Lg	12:30:23.195	0.5										---			5532632	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
A001A	0.72	309.2	Pg	12:30:15.695	0.8						48.9				---	ML	1.6	5532633	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.72	309.2	Lg	12:30:27.004	1.3										---			5532634	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										

KRUC	1.04	319.2	Pg	12:30:19.688	-0.9	T__	32.5	___	ML	1.6	5532638	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.04	319.2	Lg	12:30:34.657	-1.3	T__		---			5532635	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
CONA	1.11	252.2	Pn	12:30:24.230	1.2	T__	38.2	___	ML	1.7	5532639	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
A013A	1.37	261.8	Lg	12:30:46.017	1.3	T__		---			5532636	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
2020/06/11	13:03:29.22	2.22	0.61	48.5691	17.6455	4.8	3.8	137	0.1	3.5	8	4	131	0.04	0.48	sx	BUD	16001246	BUD		258	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	3 BUD	16001246

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A334A	0.04	28.8	Pg	13:03:30.062	-0.4					T__		5696.7		___	ML	2.2	5532677	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A334A	0.04	28.8	Lg	13:03:31.024	-0.6					T__				---		5532678	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
JAVC	0.29	3.3	Pg	13:03:35.539	-0.0					T__		146.3		___	ML	1.3	5532673	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.29	3.3	Lg	13:03:41.315	0.7					T__				---		5532674	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MODS	0.31	231.5	Pg	13:03:35.930	-0.0					T__				---		5532671	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.31	231.5	Lg	13:03:41.683	0.4					T__				---		5532672	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
A335A	0.48	104.7	Pg	13:03:39.274	0.3					T__		71.0		___	ML	1.5	5532675	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.48	104.7	Lg	13:03:46.031	-0.4					T__				---		5532676	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
2020/06/12	03:49:47.41	0.78	0.90	47.9858	16.5125	3.4	3.3	120	13.1	1.0	42	24	69	0.08	2.62	ke	BUD	16001248	BUD		121	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.4	20 BUD	16001248

Sta	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	0.08	253.6	Pg	03:49:50.198	-0.1					T__		981.8		___	ML	1.5	5532727	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.08	253.6	Lg	03:49:52.253	-0.2					T__				---		5532736	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
SOP	0.30	174.2	Pg	03:49:54.193	0.2					T__		116.8		___	ML	1.2	5532725	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.30	174.2	Lg	03:49:58.271	-0.2					T__				---		5532726	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
WINA	0.32	292.6	Pg	03:49:54.278	0.1					T__		6.6	0.12	__i	ML	0.0	45542531	FDSN	IR	--	ISC	iLoc	???	???	_
WINA	0.32	292.6	Lg	03:49:59.080	0.3					T__		19.3	0.12	__i	ML	0.5	45542532	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=0)																									

RONA	0.32	207.0	Pg	03:49:54.136	-0.2	T__	4.3	0.06	__i	ML	-0.2	45542529	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	0.32	207.0	Lg	03:49:58.143	-1.0	T__	5.4	0.08	__i	ML	-0.1	45542530	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: -0.1 magdef=1)																					
(Station ML: -0.1 magdef=0)																					
A003A	0.43	121.8	Pg	03:49:57.095	0.7	T__	123.9		---	ML	1.6	5532730	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.6 magdef=1)																					
(Station ML: 1.6 magdef=1)																					
CONA	0.44	262.7	Pg	03:49:56.644	0.1	T__	74.2		---	ML	1.4	5532728	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.44	262.7	Lg	03:50:02.875	0.1	T__			---			5532737	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																					
(Station ML: 1.4 magdef=1)																					
MODS	0.64	52.6	Pg	03:50:00.159	-0.4	T__			---			5532739	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.64	52.6	Lg	03:50:09.901	-0.4	T__			---			5532740	FDSN	SK	--	BUD	iLoc	HHE	???	_	
A008A	0.69	304.0	Pg	03:50:00.852	0.1	T__	83.4		---	ML	1.8	5532731	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A008A	0.69	304.0	Lg	03:50:10.099	-0.2	T__			---			5532738	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 1.8 magdef=1)																					
(Station ML: 1.8 magdef=0)																					
A001A	0.75	4.0	Pn	03:50:03.000	0.1	T__	56.7		---	ML	1.7	5532732	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A001A	0.75	4.0	Lg	03:50:13.993	0.9	T__			---			5532742	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.7 magdef=1)																					
(Station ML: 1.7 magdef=1)																					
A013A	0.75	276.4	Pg	03:50:01.911	-0.0	T__	203.8		---	ML	2.2	5532729	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A013A	0.75	276.4	Lg	03:50:12.384	0.6	T__			---			5532741	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.2 magdef=1)																					
(Station ML: 2.2 magdef=0)																					
A007A	0.98	318.4	Pg	03:50:05.988	-0.2	T__	41.8		---	ML	1.7	5532733	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.7 magdef=1)																					
(Station ML: 1.7 magdef=1)																					
ARSA	0.99	222.7	Pn	03:50:06.925	0.4	T__	37.3		---	ML	1.6	5532743	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	0.99	222.7	Sn	03:50:20.151	0.2	T__			---			5532744	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																					
(Station ML: 1.6 magdef=1)																					
A018A	1.00	256.5	Sn	03:50:20.429	0.1	T__			---			5532745	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
KRUC	1.08	355.9	Pn	03:50:07.869	0.3	T__	41.8		---	ML	1.7	5532734	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
KRUC	1.08	355.9	Sn	03:50:22.241	-0.3	T__			---			5532746	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																					
(Station ML: 1.7 magdef=0)																					
VRAC	1.32	2.3	Pn	03:50:11.933	1.0	T__	44.7		---	ML	1.9	5532735	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
VRAC	1.32	2.3	Sn	03:50:29.664	1.1	T__			---			5532747	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																					
(Station ML: 1.9 magdef=0)																					
TREC	1.48	332.9	Pn	03:50:14.500	1.3	T__			___	e		49829533	FDSN	IR	--	ISC	iLoc	???	???	_	
TREC	1.48	332.9	Sn	03:50:34.000	2.1	T__			___	e		49829534	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	1.52	265.7	Pg	03:50:15.614	-0.5	T__	0.8	0.16	__i	ML	0.2	45542527	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	1.52	265.7	Lg	03:50:36.682	0.9	T__	2.8	0.24	__i	ML	0.8	45542528	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: 0.8 magdef=1)																					
(Station ML: 0.8 magdef=0)																					
CKRC	1.69	300.4	Pg	03:50:18.800	-0.1	T__			___	e		49829526	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	1.69	300.4	Lg	03:50:40.300	-1.4	T__	3.8	0.30	___	e	ML	1.0	49829527	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.0 magdef=1)																					
(Station ML: 1.0 magdef=1)																					
ZVC	2.12	314.3	Pg	03:50:26.000	-1.2	T__			___	e		49829536	FDSN	IR	--	ISC	iLoc	???	???	_	
ZVC	2.12	314.3	Lg	03:50:53.500	-1.0	T__	1.9	0.30	___	e	ML	1.0	49829537	FDSN	IR	--	ISC	iLoc	???	???	_

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(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KHC 2.26 301.5 Pg 03:50:27.500 -2.2 T__ __e 49829529 FDSN IR -- ISC iLoc ??? ??? _
KHC 2.26 301.5 Sn 03:50:53.000 1.3 T__ __e 49829530 FDSN IR -- ISC iLoc ??? ??? _
KHC 2.26 301.5 Lg 03:50:57.500 -2.2 T__ 1.2 0.40 __e ML 0.8 49829531 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
DPC 2.37 357.0 Lg 03:51:03.000 -0.2 T__ 1.9 0.50 __e ML 1.1 49829528 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
UPC 2.55 352.8 Lg 03:51:07.800 -0.5 T__ 1.4 0.30 __e ML 1.1 49829535 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
OSTC 2.58 355.8 Lg 03:51:10.300 0.8 T__ 2.0 0.80 __e ML 1.2 49829532 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CHVC 2.62 353.6 Lg 03:51:11.600 0.8 T__ __e 49829525 FDSN IR -- ISC iLoc ??? ??? _

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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
2020/06/12 07:35:13.64 0.90 1.05 47.7252 18.5129 4.6 3.0 124 0.0f 14 9 127 0.12 1.05 sx BUD 16001250 BUD 147

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Magnitude Err Nsta Author OrigID
ML 1.8 0.3 4 BUD 16001250

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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 0.12 225.6 Pg 07:35:16.274 -0.4 T__ 2352.8 ___ ML 2.0 5532823 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.12 225.6 Lg 07:35:18.560 -0.8 T__ ___ 5532824 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
SR0 0.16 303.3 Pg 07:35:17.822 0.5 T__ 1804.4 ___ ML 2.0 5532825 FDSN SK -- BUD iLoc EHZ EHZ _
SR0 0.16 303.3 Lg 07:35:19.692 -1.0 T__ ___ 5532826 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU10A 0.36 70.4 Lg 07:35:27.683 0.1 T__ ___ 5532822 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 0.40 205.4 Lg 07:35:29.633 0.5 T__ ___ 5532827 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.50 233.8 Lg 07:35:32.907 0.8 T__ ___ 5532828 FDSN ZJ 00 BUD iLoc HHE ??? _
VYHS 0.80 15.6 Pg 07:35:30.976 1.0 T__ 8.5 ___ ML 0.9 5532818 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.80 15.6 Lg 07:35:40.896 -0.8 T__ ___ 5532819 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MPLH 0.86 230.3 Lg 07:35:45.543 1.8 T__ ___ 5532829 FDSN HU -- BUD iLoc HHE ??? _
PSZ 0.95 77.8 Pn 07:35:33.394 0.0 T__ 36.9 ___ ML 1.6 5532821 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.95 77.8 Lg 07:35:46.732 -1.4 T__ ___ 5532820 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MODS 1.05 308.5 Pg 07:35:35.003 0.0 T__ ___ 5532830 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.05 308.5 Lg 07:35:49.573 -1.5 T__ ___ 5532831 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
2020/06/12 09:17:24.88 0.97 0.50 47.7021 18.9874 0.0 0.0 14 0 282 0.14 1.31 kx BUD 16001252 BUD

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2020/06/12 09:17:26.00 0.88 0.65 47.8355 19.1270f 0.0f 14 7 197 0.07 1.15 kx BUD_GT 16001253 BUD 263
 (locality : Sejce-Vác Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 7 BUD 16001253

Sta	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	09:17:28.296	0.3					T__		2164.4		---	ML	1.8 5532924	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:17:29.619	-0.2					T__				---		5532925	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
HU03A	0.33	77.7	Pg	09:17:33.649	0.5					T__		107.4		---	ML	1.2 5532920	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU03A	0.33	77.7	Lg	09:17:39.524	1.1					T__				---		5532921	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
PSZ	0.52	80.6	Pg	09:17:36.652	-0.8					T__		49.7		---	ML	1.5 5532918	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	09:17:45.926	0.1					T__				---		5532919	FDSN	GE	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
VYHS	0.69	343.6	Pn	09:17:40.762	-1.3					T__		12.6		---	ML	1.0 5532922	FDSN	SK	--	iLoc	BUD	HHN	HHZ	_
VYHS	0.69	343.6	Lg	09:17:49.680	-0.6					T__				---		5532923	FDSN	SK	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0)																								
HU02A	0.98	72.5	Pg	09:17:46.316	0.1					T__		29.6		---	ML	1.5 5532926	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.98	72.5	Sn	09:18:01.267	-0.8					T__				---		5532927	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
KECS	1.12	54.0	Pg	09:17:48.505	0.3					T__		70.9		---	ML	2.0 5532929	FDSN	SK	--	iLoc	BUD	EHN	EHZ	_
KECS	1.12	54.0	Lg	09:18:04.747	-0.7					T__				---		5532928	FDSN	SK	--	iLoc	BUD	EHE	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																								
JOS	1.15	54.5	Pg	09:17:48.741	-0.1					T__		26.9		---	ML	1.6 5532931	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	1.15	54.5	Lg	09:18:06.406	-0.2					T__				---		5532930	FDSN	ZJ	--	iLoc	BUD	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
 2020/06/12 09:27:00.31 0.97 0.90 48.6707 20.1379 15.9 3.7 45 10.0f 7 4 165 0.30 0.65 sx BUD 16001254 BUD 328

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 4 BUD 16001254

Sta	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	0.30	129.0	Pg	09:27:07.406	0.8					T__		187.0		---	ML	1.4 5532963	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
JOS	0.32	123.1	Pg	09:27:06.963	0.0					T__		114.1		---	ML	1.2 5532964	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.32	123.1	Lg	09:27:10.934	-1.0					T__				---		5532965	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								

HU02A	0.61	154.7	Pg	09:27:13.161	0.2	T__	22.4	---	ML	1.2	5532966	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.61	154.7	Lg	09:27:21.611	-0.4	T__		---			5532967	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
LANS	0.65	317.6	Pg	09:27:12.898	-0.5	T__	29.8	---	ML	1.3	5532968	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
LANS	0.65	317.6	Lg	09:27:23.050	1.0	T__		---			5532969	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(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
2020/06/12	13:35:22.07	1.04	1.26	46.8302	19.1276	7.4	3.8	146	2.0f		10	7	142	0.24	1.60	ke	BUD	16001258	BUD			176

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	16001258

Sta	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	0.24	94.2	Pg	13:35:27.698	0.4					T__		448.2		---	ML	1.6	5533106	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04A	0.24	94.2	Lg	13:35:31.067	-0.3					T__				---		5533107	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU22A	0.50	179.7	Lg	13:35:40.020	-0.3					T__				---		5533112	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU01A	0.61	33.0	Pg	13:35:34.693	-0.5					T__	149.0			---	ML	2.0	5533110	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A266A	0.67	243.2	Pg	13:35:36.246	0.8					T__	187.8			---	ML	2.1	5533111	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
MORH	0.70	208.7	Pg	13:35:35.708	-0.3					T__	50.6			---	ML	1.6	5533104	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.70	208.7	Lg	13:35:45.028	-1.2					T__				---		5533105	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
PSZ	1.21	25.3	Pn	13:35:46.279	1.6					T__	31.9			---	ML	1.7	5533108	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.21	25.3	Sn	13:36:02.646	0.3					T__				---		5533109	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	1.60	35.7	Sn	13:36:13.968	2.4					T__				---		5533113	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
2020/06/15	07:33:23.94	1.00	0.43	46.0430	22.8441	11.5	5.3	98	7.1	14.8	9	6	109	0.16	0.96	sx	BUD	16001260	BUD			168

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	16001260

Sta	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	165.5	Pg	07:33:27.264	-0.1					T__		841.3		---	ML	1.7	5533180	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.16	165.5	Lg	07:33:29.934	0.1					T__				---		5533181	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
GZR	0.65	184.2	Pg	07:33:36.627	0.1					T__	73.4			---	ML	1.7	5533182	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.65	184.2	Lg	07:33:45.753	-0.0					T__				---		5533183	FDSN	RO	--	BUD	iLoc	HHZ	???	_	


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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.75 353.0 Pg 07:33:39.073 0.1 T__ 43.1 ___ ML 1.6 5533178 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.75 353.0 Lg 07:33:49.436 -0.7 T__ ___ 5533179 FDSN RO -- BUD iLoc HHZ ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CJR 0.85 37.6 Lg 07:33:53.512 0.4 T__ ___ 5533185 FDSN RO -- BUD iLoc HHZ ??? _
LOT 0.88 132.2 Lg 07:33:53.328 -0.4 T__ ___ 5533184 FDSN RO -- BUD iLoc HHZ ??? _
BZS 0.96 244.0 Lg 07:33:55.521 -0.0 T__ ___ 5533186 FDSN RO -- 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
2020/06/15 07:56:22.42 0.38 1.00 48.1144 20.7047 0.0 0.0 12 0 137 0.12 1.32 kx BUD 16001262 BUD
2020/06/15 07:56:20.22 0.92 0.84 48.0750 20.6990f 0.0f 12 7 142 0.13 1.35 kx BUD_GT 16001263 BUD 214
(locality : Miskolc-Mexikóvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.5 0.0 5 BUD 16001263

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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 07:56:22.815 -0.6 T__ 600.2 ___ ML 1.4 5533218 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU02A 0.13 292.1 Lg 07:56:25.252 -0.9 T__ ___ 5533219 FDSN ZJ 00 iLoc BUD HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ABAH 0.42 58.4 Pg 07:56:29.259 0.3 T__ 46.9 ___ ML 1.2 5533223 FDSN HU -- iLoc BUD HHZ HHZ _
ABAH 0.42 58.4 Lg 07:56:35.309 -1.1 T__ ___ 5533222 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.43 340.8 Pg 07:56:29.687 0.6 T__ 186.4 ___ ML 1.8 5533224 FDSN SK -- iLoc BUD EHE EHZ _
KECS 0.43 340.8 Lg 07:56:35.846 0.0 T__ ___ 5533225 FDSN SK -- iLoc BUD EHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
JOS 0.43 345.9 Pg 07:56:29.270 0.2 T__ 95.4 ___ ML 1.5 5533220 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 0.43 345.9 Lg 07:56:35.360 -0.5 T__ ___ 5533221 FDSN ZJ -- iLoc BUD HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.56 254.1 Pg 07:56:33.743 1.3 T__ 45.3 ___ ML 1.5 5533216 FDSN GE -- iLoc BUD HHZ HHZ _
PSZ 0.56 254.1 Lg 07:56:40.593 -0.7 T__ ___ 5533217 FDSN GE -- iLoc BUD HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
BSZH 0.83 200.8 Lg 07:56:51.978 1.5 T__ ___ 5533226 FDSN HU -- iLoc BUD HHN ??? _
LANS 1.35 323.3 Sn 07:57:05.793 0.4 T__ ___ 5533227 FDSN SK -- iLoc BUD EHN ??? _

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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
2020/06/15 08:22:47.44 2.41 0.57 47.9724 20.3711 16.1 3.9 148 0.0 3.8 7 4 200 0.18 0.67 sx BUD 16001264 BUD 311

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Magnitude Err Nsta Author OrigID
ML 1.3 0.0 3 BUD 16001264

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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	34.5	Pg	08:22:51.696	-0.0					T__		320.8		---	ML	1.3	5533254	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	34.5	Lg	08:22:54.607	-0.7					T__				---		5533255	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.33	260.6	Pg	08:22:54.663	-0.1					T__		91.9		---	ML	1.2	5533259	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	260.6	Lg	08:23:00.683	0.3					T__				---		5533260	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
JOS	0.54	12.1	Pg	08:22:58.474	0.2					T__		31.7		---	ML	1.3	5533256	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	12.1	Lg	08:23:06.457	-0.0					T__				---		5533257	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.67	60.6	Lg	08:23:12.595	0.6					T__				---		5533258	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	
2020/06/15	08:43:15.44	2.18	1.76	47.3418	18.4344	13.5	6.6	110	0.0f		6	5	160	0.12	1.14	sx	BUD	16001266	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	
CSKK	0.12	280.3	Pg	08:43:18.466	-0.0					T__		873.4		---	ML	1.6	5533280	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.12	280.3	Lg	08:43:20.113	-1.3					T__				---		5533281	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU09A	0.30	353.2	Lg	08:43:27.312	-0.1					T__				---		5533283	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.36	284.7	Lg	08:43:30.948	1.6					T__				---		5533282	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
TIH	0.58	220.1	Lg	08:43:36.074	0.0					T__				---		5533285	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
PSZ	1.14	59.2	Sn	08:43:57.906	2.3					T__				---		5533284	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	
2020/06/15	09:25:48.11	0.99	1.45	46.0149	22.8085	6.9	4.4	81	0.0f		9	5	115	0.15	0.92	sx	BUD	16001268	BUD			173	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	16001268

Sta	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	0.15	153.3	Pg	09:25:50.580	-0.3					T__		596.7		---	ML	1.5	5533310	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.15	153.3	Lg	09:25:53.132	0.1					T__				---		5533311	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
GZR	0.62	182.1	Pg	09:26:00.299	0.2					T__		70.6		---	ML	1.7	5533312	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.62	182.1	Lg	09:26:10.148	1.2					T__				---		5533313	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	0.78	355.1	Pg	09:26:04.330	0.5					T__		38.6		---	ML	1.5	5533307	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.78	355.1	Lg	09:26:12.852	-3.0					T__				---		5533308	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CJR	0.89	37.8	Lg	09:26:20.036	0.7					T__				---		5533314	FDSN	RO	--	BUD	iLoc	HHZ	???	_	

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BZS 0.92 244.9 Pg 09:26:06.355 0.2 T__ 20.4 ___ ML 1.3 5533309 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.92 244.9 Lg 09:26:18.177 -1.0 T__ ___ 5533315 FDSN RO -- BUD iLoc HHZ ??? _
(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
2020/06/15 09:54:26.96 0.89 0.80 48.4408 17.4394 4.7 3.0 157 0.0f 15 10 149 0.13 1.34 sx BUD 16001270 BUD 155

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 9 BUD 16001270

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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 0.13 238.1 Pg 09:54:29.525 -0.6 T__ ___ 5533380 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.13 238.1 Lg 09:54:32.074 -0.9 T__ ___ 5533381 FDSN SK -- BUD iLoc HHE ??? _
A334A 0.23 43.6 Pg 09:54:31.499 -0.4 T__ 326.1 ___ ML 1.4 5533391 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JAVC 0.45 20.0 Pg 09:54:35.677 -0.7 T__ 78.3 ___ ML 1.4 5533382 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.45 20.0 Lg 09:54:42.830 -0.9 T__ ___ 5533383 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A335A 0.60 89.1 Pg 09:54:39.535 0.4 T__ 109.0 ___ ML 1.9 5533392 FDSN Z3 00 BUD iLoc HHZ HHZ _
A335A 0.60 89.1 Lg 09:54:48.599 0.1 T__ ___ 5533393 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
A001A 0.63 297.4 Pg 09:54:40.596 1.0 T__ 41.5 ___ ML 1.5 5533394 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KRUC 0.93 312.4 Pg 09:54:44.717 -0.1 T__ 24.1 ___ ML 1.4 5533387 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.93 312.4 Lg 09:54:59.003 0.5 T__ ___ 5533388 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 0.93 86.2 Pg 09:54:46.247 0.5 T__ 13.1 ___ ML 1.1 5533386 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
VRAC 1.03 327.6 Pg 09:54:46.737 0.2 T__ 27.9 ___ ML 1.5 5533389 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CONA 1.17 244.7 Pg 09:54:49.121 -1.0 T__ 23.7 ___ ML 1.5 5533384 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.17 244.7 Lg 09:55:06.746 1.5 T__ ___ 5533385 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORC 1.34 2.9 Pg 09:54:52.211 0.3 T__ 24.6 ___ ML 1.6 5533390 FDSN CZ -- 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
2020/06/15 10:04:10.39 1.19 0.56 48.5680 20.7826 7.6 3.9 13 0.0f 15 9 165 0.18 1.30 sx BUD 16001272 BUD 202

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Magnitude Err Nsta Author OrigID

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ML	1.7	0.4	7	BUD	16001272																				
Sta	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	246.0	Pg	10:04:14.361	0.2					T__		724.3		---	ML	1.7	5533442	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	246.0	Lg	10:04:17.832	0.7					T__				---		5533443	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.21	246.9	Pg	10:04:14.881	-0.0					T__		2808.6		---	ML	2.3	5533445	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	246.9	Lg	10:04:18.642	0.2					T__				---		5533444	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
ABAH	0.41	131.6	Pg	10:04:19.212	0.4					T__		90.9		---	ML	1.4	5533446	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	131.6	Lg	10:04:25.192	-0.7					T__				---		5533447	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.48	201.2	Pg	10:04:20.236	-0.3					T__		55.6		---	ML	1.4	5533448	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	201.2	Lg	10:04:27.850	-0.4					T__				---		5533449	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.88	222.7	Pn	10:04:28.329	-0.8					T__		83.2		---	ML	1.9	5533451	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	222.7	Lg	10:04:41.871	-0.3					T__				---		5533452	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	1.03	230.4	Sn	10:04:47.013	-0.2					T__				---		5533453	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
LANS	1.05	304.4	Pg	10:04:30.644	-0.4					T__		64.3		---	ML	1.9	5533450	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
TRPA	1.25	109.8	Sn	10:04:52.236	-0.8					T__				---		5533454	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.30	267.5	Pn	10:04:35.578	0.7					T__		14.1		---	ML	1.4	5533455	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	267.5	Sn	10:04:53.711	-0.6					T__				---		5533456	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(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
2020/06/15	11:21:13.95	2.63	0.92	48.0297	19.5736	17.0	6.4	113	0.0f		8	5	241	0.13	1.15	sx	BUD	16001274	BUD		296	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	16001274

Sta	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	172.1	Lg	11:21:19.357	-0.1					T__				---		5533488	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
PSZ	0.24	117.2	Pg	11:21:19.660	0.0					T__		600.7		---	ML	1.8	5533489	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.24	117.2	Lg	11:21:23.915	-0.2					T__				---		5533490	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.64	81.4	Pg	11:21:27.419	-0.0					T__		56.8		---	ML	1.6	5533491	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.64	81.4	Lg	11:21:37.932	0.2					T__				---		5533492	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.80	53.8	Pn	11:21:32.084	0.8					T__		38.6		---	ML	1.5	5533494	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.80	53.8	Lg	11:21:41.444	-0.4					T__				---		5533493	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									

(Station ML: 1.5 magdef=1
 ABAH 1.15 75.9 Sn 11:21:55.346 1.8 T__ --- 5533495 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
2020/06/16	08:11:51.11	1.16	2.15	48.3731	21.0597	10.9	4.0	18	0.0f	6	3	192	0.14	0.44	---	sx	BUD	16001276	BUD			305

Magnitude Err Nsta Author OrigID
 ML 0.6 0.1 3 BUD 16001276

Sta	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	0.14	122.6	Pg	08:11:54.057	-0.4					T__		78.6		---	ML	0.6	5533517	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.14	122.6	Lg	08:11:57.889	0.4					T__				---		5533518	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1)																									
JOS	0.37	289.7	Pg	08:11:57.640	-0.9					T__		16.9		---	ML	0.5	5533521	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.37	289.7	Lg	08:12:06.877	2.5					T__				---		5533522	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1)																									
HU02A	0.44	235.1	Pg	08:11:59.283	-1.2					T__		18.3		---	ML	0.8	5533519	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	235.1	Lg	08:12:09.839	2.2					T__				---		5533520	FDSN	ZJ	00	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
2020/06/16	08:40:19.17	0.82	0.91	47.6106	16.3860	4.2	3.1	26	0.0f	24	16	54	0.11	1.45	---	sx	BUD	16001278	BUD			95

Magnitude Err Nsta Author OrigID
 ML 1.0 1.0 7 BUD 16001278

Sta	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	325.8	Pg	08:40:21.062	-0.6					T__		7.0	0.10	__i	ML	-0.6	45543658	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.11	325.8	Lg	08:40:23.415	-0.2					T__		27.0	0.20	__e	ML	0.0	45543659	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.0 magdef=1 (Station ML: 0.0 magdef=1)																									
SOP	0.14	58.0	Pg	08:40:22.040	-0.3					T__		176.6		---	ML	0.9	5533585	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	58.0	Lg	08:40:24.588	-0.1					T__				---		5533584	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1)																									
A260A	0.39	146.4	Lg	08:40:32.103	-1.0					T__				---		5533589	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CONA	0.48	312.1	Pg	08:40:28.384	-0.3					T__		102.5		---	ML	1.6	5533586	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.48	312.1	Lg	08:40:35.490	0.4					T__				---		5533587	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.48	312.1	Sg	08:40:35.721	0.6					T__		10.3	0.48	__e	ML	0.6	45543656	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
WINA	0.54	337.1	Pg	08:40:29.853	-0.0					T__		1.3	0.12	__e	ML	-0.1	45543660	FDSN	IR	--	ISC	iLoc	???	???	_
WINA	0.54	337.1	Lg	08:40:38.612	1.3					T__				__e		45543661	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: -0.1 magdef=1 (Station ML: -0.1 magdef=0)																									
EGYH	0.67	106.5	Lg	08:40:44.919	1.9					T__				---		5533592	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.69	238.7	Pg	08:40:33.108	0.6					T__		61.9		---	ML	1.7	5533591	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

```

ARSA 0.69 238.7 Lg 08:40:40.542 -0.6 T__ --- 5533590 FDSN OE -- BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MPLH 0.90 118.9 Lg 08:40:49.709 -0.8 T__ --- 5533593 FDSN HU -- BUD iLoc HHE ??? _
MODS 0.97 37.8 Pn 08:40:40.195 0.7 T__ --- 5533594 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.97 37.8 Lg 08:40:53.235 -0.6 T__ --- 5533588 FDSN SK -- BUD iLoc HHE ??? _
HU08A 1.06 99.2 Sn 08:40:54.326 -1.8 T__ --- 5533595 FDSN ZJ 00 BUD iLoc HHN ??? _
A001A 1.13 6.9 Sn 08:40:58.259 0.1 T__ --- 5533600 FDSN Z3 00 BUD iLoc HH3 ??? _
A006A 1.16 347.9 Sn 08:40:57.311 -1.3 T__ --- 5533601 FDSN Z3 00 BUD iLoc HHE ??? _
KOGS 1.17 184.6 Lg 08:40:57.541 0.7 T__ --- 5533596 FDSN SL -- BUD iLoc BHE ??? _
SRO 1.32 80.4 Sn 08:41:03.918 1.3 T__ --- 5533597 FDSN SK -- BUD iLoc EHE ??? _
MOA 1.45 280.3 Lg 08:41:05.585 -0.3 T__ 4.5 0.36 _e ML 1.0 45543657 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KRUC 1.45 0.2 Pn 08:40:45.784 -0.3 T__ 32.3 _ ML 1.8 5533598 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.45 0.2 Sn 08:41:05.273 -0.6 T__ --- 5533599 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
2020/06/16 08:46:38.45 1.07 1.38 47.1075 17.8932 6.7 5.1 131 0.0f 8 6 134 0.25 1.60 sx BUD 16001280 BUD 262

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 3 BUD 16001280

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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 0.25 284.7 Pg 08:46:44.704 0.6 T__ 350.9 _ ML 1.5 5533645 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.25 284.7 Lg 08:46:46.615 -1.9 T__ --- 5533646 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU08A 0.32 3.7 Pg 08:46:45.830 0.4 T__ 346.0 _ ML 1.7 5533648 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.32 3.7 Lg 08:46:49.459 -1.8 T__ --- 5533647 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
EGYH 0.49 309.2 Pn 08:46:52.942 0.2 T__ 773.4 _ ML 2.6 5533650 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A266A 0.64 156.2 Lg 08:47:00.056 -0.9 T__ --- 5533651 FDSN Z3 00 BUD iLoc HHZ ??? _
SRD 0.76 21.8 Lg 08:47:07.097 0.5 T__ --- 5533649 FDSN SK -- BUD iLoc EHN ??? _
CONA 1.60 301.6 Lg 08:47:31.447 0.9 T__ --- 5533652 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
2020/06/16 08:53:01.21 1.20 1.48 47.0373 17.9527 7.5 5.9 93 0.0f 7 6 138 0.31 0.81 sx BUD 16001282 BUD 269

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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
MPLH 0.31 295.4 Pg 08:53:09.243 1.2 T__ 408.1 _ ML 1.8 5533689 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.31 295.4 Lg 08:53:11.889 -1.5 T__ --- 5533690 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.39 357.2 Lg 08:53:14.644 -1.8 T__ --- 5533691 FDSN ZJ 00 BUD iLoc HHE ??? _

```

A266A	0.56	157.2	Lg	08:53:19.843	-1.2	T__								5533693	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
EGYH	0.57	312.1	Pg	08:53:13.252	0.2	T__				981.8		---	ML	2.8	5533692	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
HU09A	0.67	25.8	Lg	08:53:26.449	0.3	T__								5533694	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.81	17.4	Lg	08:53:31.045	-0.2	T__								5533695	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
2020/06/16	09:43:48.04	1.73	0.92	48.8266	21.1746	12.1	8.7	157	0.0f	11	8	94	0.53	1.66	sx	BUD	16001284	BUD				177

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	16001284

Sta	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	0.53	175.3	Lg	09:44:06.986	-0.8					T__					5533771	FDSN	HU	--	BUD	iLoc	HHN	???	_		
JOS	0.54	232.1	Pg	09:43:58.904	0.2					T__		65.0		---	ML	1.6	5533767	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	232.1	Lg	09:44:06.628	-0.2					T__					5533768	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_		
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.57	233.3	Pg	09:43:59.076	-0.4					T__		140.0		---	ML	2.0	5533774	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.57	233.3	Lg	09:44:07.678	-0.4					T__					5533765	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	0.83	211.8	Pg	09:44:05.892	0.8					T__		51.0		---	ML	1.7	5533766	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.83	211.8	Lg	09:44:18.685	0.9					T__					5533772	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
TRPA	1.14	127.0	Lg	09:44:25.719	-1.8					T__					5533770	FDSN	HU	--	BUD	iLoc	HHE	???	_		
PSZ	1.25	223.7	Sn	09:44:30.253	-0.6					T__					5533769	FDSN	GE	--	BUD	iLoc	HHN	???	_		
KWP	1.29	50.7	Lg	09:44:31.464	0.5					T__					5533773	FDSN	PL	--	BUD	iLoc	HHN	???	_		
OJC	1.66	327.8	Sn	09:44:42.127	0.7					T__					5533775	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
2020/06/16	09:47:27.45	1.23	0.29	48.4358	19.6199	7.3	5.2	163	5.2	23.3	9	6	172	0.53	0.86	sx	BUD	16001286	BUD			262

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.0	3 BUD	16001286

Sta	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	0.53	181.5	Lg	09:47:46.891	0.4					T__					5533824	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.55	160.4	Lg	09:47:47.196	-0.5					T__					5533823	FDSN	GE	--	BUD	iLoc	HHN	???	_		
KECS	0.58	85.0	Pg	09:47:38.980	-0.0					T__		160.3		---	ML	2.0	5533821	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.58	85.0	Lg	09:47:47.839	0.2					T__					5533822	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JOS	0.61	84.0	Pg	09:47:39.610	-0.0					T__		23.7		---	ML	1.2	5533819	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	84.0	Lg	09:47:48.877	0.0					T__					5533820	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.68	117.1	Pg	09:47:41.459	-0.0					T__		20.5		---	ML	1.2	5533825	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.68	117.1	Lg	09:47:52.027	0.0					T__					5533826	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.2 magdef=1)																									

(Station ML: 1.2 magdef=1
 A335A 0.86 271.2 Lg 09:47:57.472 -0.0 T__ --- 5533827 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
2020/06/16	10:08:20.58	0.46	1.04	47.9127	20.1558				0.0	0.0	8	0	163	0.18	0.67	kx	BUD	16001288	BUD			
2020/06/16	10:08:18.22	0.95	0.82	47.8650	20.1529f				0.0f		8	5	170	0.18	0.68	kx	BUD_GT	16001289	BUD			232

(locality : Kismána Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 3 BUD 16001289

Sta	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	10:08:22.900	0.2					T__		457.3		---	ML	1.5	5533868	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	10:08:25.731	-0.6					T__				---		5533869	FDSN	GE	--	iLoc	BUD	HHE	???	_	

(Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1)

HU02A	0.36	44.0	Pg	10:08:25.816	-0.2					T__		99.9		---	ML	1.3	5533870	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	10:08:30.814	-1.4					T__				---		5533871	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	

(Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1)

HU03A	0.37	276.2	Lg	10:08:32.513	0.2					T__				---		5533873	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
HU01A	0.63	214.9	Lg	10:08:43.148	1.4					T__				---		5533874	FDSN	ZJ	00	iLoc	BUD	HHE	???	_

JOS	0.68	22.1	Pg	10:08:31.674	-0.2					T__		21.4		---	ML	1.2	5533872	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.68	22.1	Lg	10:08:42.812	0.5					T__				---		5533875	FDSN	ZJ	--	iLoc	BUD	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
2020/06/17	01:37:30.08	1.05	0.45	47.4561	18.2410	4.6	3.7	39	2.0f		10	6	141	0.06	0.22	ke	BUD	16001292	BUD			265

Magnitude Err Nsta Author OrigID
 ML 0.6 0.2 4 BUD 16001292

Sta	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	169.0	Pg	01:37:32.135	0.4					T__		125.9		---	ML	0.6	5533971	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.06	169.0	Lg	01:37:33.122	-0.2					T__				---		5533970	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 0.6 magdef=1
 (Station ML: 0.6 magdef=1)

CSKK	0.09	171.9	Pg	01:37:32.646	0.3					T__		236.9		---	ML	0.9	5533975	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	171.9	Lg	01:37:33.866	-0.5					T__				---		5533976	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 0.9 magdef=1
 (Station ML: 0.9 magdef=1)

MSW3	0.11	226.9	Pg	01:37:32.824	0.3					T__		89.2		_d	ML	0.5	5533969	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.11	226.9	Lg	01:37:34.306	-0.4					T__				---		5533972	FDSN	HU	--	BUD	iLoc	HHE	???	_	

(Reading ML: 0.5 magdef=1
 (Station ML: 0.5 magdef=1)

MSW2	0.16	187.6	Lg	01:37:35.898	-0.6					T__				---		5533968	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU09A	0.21	27.6	Lg	01:37:37.649	-0.5					T__				---		5533973	FDSN	ZJ	00	BUD	iLoc	HHN	???	_


```

HU08A 0.22 263.5 Pg 01:37:34.928 0.3 T__ 23.2 ___ ML 0.3 5533977 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.22 263.5 Lg 01:37:38.231 -0.2 T__ ___ 5533974 FDSN ZJ 00 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
2020/06/17 09:37:22.52 1.44 0.84 48.7041 19.4881 14.3 4.5 3 10.0f 6 4 214 0.73 0.90 sx BUD 16001294 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 0.73 106.2 Pg 09:37:36.931 -0.1 T__ 18.7 ___ ML 1.2 5534000 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.73 106.2 Lg 09:37:47.404 0.3 T__ ___ 5534001 FDSN ZJ -- BUD iLoc HHE ??? _
A335A 0.81 251.8 Pg 09:37:38.141 -0.7 T__ 40.3 ___ ML 1.6 5534005 FDSN Z3 00 BUD iLoc HHZ HHZ _
A335A 0.81 251.8 Lg 09:37:51.636 1.2 T__ ___ 5534004 FDSN Z3 00 BUD iLoc HHN ??? _
PSZ 0.83 160.8 Lg 09:37:52.074 0.1 T__ ___ 5534003 FDSN GE -- BUD iLoc HHE ??? _
HU02A 0.90 129.7 Lg 09:37:53.971 0.2 T__ ___ 5534002 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
2020/06/17 09:38:39.28 0.92 1.10 48.8080 19.5321 5.6 4.2 39 0.0f 10 7 121 0.35 0.95 sx BUD 16001296 BUD 182

```

Magnitude Err Nsta Author OrigID

ML 1.5 0.5 3 BUD 16001296

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
LANS 0.35 353.0 Pg 09:38:45.992 -0.2 T__ 82.3 ___ ML 1.2 5534029 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 0.35 353.0 Lg 09:38:50.141 -0.9 T__ ___ 5534031 FDSN SK -- BUD iLoc EHZ ??? _
KECS 0.71 116.9 Lg 09:39:04.652 0.6 T__ ___ 5534032 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.74 114.7 Lg 09:39:05.581 0.6 T__ ___ 5534030 FDSN ZJ -- BUD iLoc HHE ??? _
A335A 0.87 246.0 Lg 09:39:08.592 -1.5 T__ ___ 5534033 FDSN Z3 00 BUD iLoc HHZ ??? _
PSZ 0.92 164.7 Pn 09:38:59.274 0.5 T__ 30.9 ___ ML 1.5 5534037 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.92 164.7 Lg 09:39:11.498 -0.9 T__ ___ 5534036 FDSN GE -- BUD iLoc HHE ??? _
A331A 0.93 292.1 Pg 09:38:58.134 0.6 T__ 78.8 ___ ML 1.9 5534034 FDSN Z3 00 BUD iLoc HHZ HHZ _
A331A 0.93 292.1 Lg 09:39:11.834 1.7 T__ ___ 5534035 FDSN Z3 00 BUD iLoc HHN ??? _
HU02A 0.95 135.7 Lg 09:39:12.316 -0.4 T__ ___ 5534038 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
2020/06/17 12:59:57.08 1.26 1.32 47.8885 16.1718 9.4 5.5 153 0.0f 9 6 158 0.21 0.89 sx BUD 16001300 BUD 285

```

Magnitude Err Nsta Author OrigID

ML 1.7 0.1 3 BUD 16001300

```

Sta 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 0.21 280.9 Pg 13:00:00.928 -0.6 T__ 432.8 ___ ML 1.5 5534136 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.21 280.9 Lg 13:00:03.313 -1.3 T__ ___ 5534137 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A013A 0.54 289.1 Pg 13:00:07.798 0.2 T__ 104.6 ___ ML 1.8 5534138 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.54 289.1 Lg 13:00:15.722 1.1 T__ ___ 5534139 FDSN Z3 00 BUD iLoc HHE ??? _

```

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A018A 0.75 259.3 Pg 13:00:11.430 -0.2 T__ 65.2 ___ ML 1.7 5534141 FDSN Z3 00 BUD iLoc HHZ HHZ _
A018A 0.75 259.3 Lg 13:00:22.364 1.2 T__ ___ 5534140 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ARSA 0.77 214.8 Lg 13:00:20.996 -0.8 T__ ___ 5534142 FDSN OE -- BUD iLoc HHN ??? _
A019A 0.86 239.3 Lg 13:00:26.956 2.2 T__ ___ 5534143 FDSN Z3 00 BUD iLoc HH3 ??? _
MODS 0.89 56.3 Lg 13:00:29.250 0.4 T__ ___ 5534144 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
2020/06/18 07:52:38.02 1.01 0.50 48.2518 21.2363 6.0 4.4 161 0.0f 12 7 97 0.04 0.98 sx BUD 16001304 BUD 159

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 16001304

```

```

Sta 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 0.04 2.9 Pg 07:52:39.696 0.2 T__ 4383.7 ___ ML 2.1 5534463 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.04 2.9 Lg 07:52:40.445 -0.6 T__ ___ 5534464 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU02A 0.49 255.0 Pg 07:52:48.556 0.1 T__ 29.6 ___ ML 1.1 5534465 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.49 255.0 Lg 07:52:55.974 -0.5 T__ ___ 5534466 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
JOS 0.52 298.0 Pg 07:52:49.088 0.5 T__ 61.5 ___ ML 1.5 5534467 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 298.0 Lg 07:52:56.082 -0.6 T__ ___ 5534468 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.55 295.1 Pg 07:52:49.610 0.5 T__ 180.0 ___ ML 2.1 5534469 FDSN SK -- BUD iLoc EHE EHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
TRPA 0.88 97.4 Pg 07:52:55.382 0.2 T__ 52.4 ___ ML 1.7 5534470 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.88 97.4 Lg 07:53:09.068 -0.6 T__ ___ 5534471 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 0.96 250.2 Pn 07:52:57.979 0.2 T__ 34.1 ___ ML 1.6 5534473 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.96 250.2 Lg 07:53:12.125 -0.5 T__ ___ 5534472 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
LTVH 0.98 152.5 Lg 07:53:13.149 0.3 T__ ___ 5534474 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
2020/06/18 07:59:56.04 0.92 0.97 48.5188 19.3235 5.9 3.3 11 1.9 23.7 14 9 154 0.33 1.30 sx BUD 16001306 BUD 185

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 6 BUD 16001306

```

```

Sta 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 0.33 265.8 Pg 08:00:03.088 0.3 T__ 56.4 ___ ML 1.0 5534521 FDSN SK -- BUD iLoc HHZ HHZ _

```

VYHS	0.33	265.8	Lg	08:00:07.564	-0.1	T__	---	5534522	FDSN	SK	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=0)																			
A332A	0.64	297.0	Lg	08:00:17.074	-0.6	T__	---	5534523	FDSN	Z3	00	BUD	iLoc	HHE	???	_			
HU03A	0.64	163.2	Lg	08:00:19.948	1.1	T__	---	5534524	FDSN	ZJ	00	BUD	iLoc	HHE	???	_			
HU10A	0.70	197.0	Lg	08:00:19.647	-1.8	T__	---	5534525	FDSN	ZJ	00	BUD	iLoc	HHE	???	_			
PSZ	0.71	147.4	Pg	08:00:11.351	0.3	T__	43.6	---	ML	1.5	5534519	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.71	147.4	Lg	08:00:21.557	-0.2	T__	---	5534520	FDSN	GE	--	BUD	iLoc	HHE	???	_			
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
KECS	0.77	92.2	Pg	08:00:11.627	0.3	T__	199.7	---	ML	2.2	5534515	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.77	92.2	Lg	08:00:22.778	-0.1	T__	---	5534516	FDSN	SK	--	BUD	iLoc	EHN	???	_			
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
JOS	0.81	91.2	Pg	08:00:11.679	-0.3	T__	94.6	---	ML	1.9	5534513	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.81	91.2	Lg	08:00:23.671	-0.3	T__	---	5534514	FDSN	ZJ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
HU02A	0.89	115.9	Pg	08:00:14.162	-0.2	T__	59.9	---	ML	1.8	5534517	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	115.9	Lg	08:00:26.994	-0.8	T__	---	5534518	FDSN	ZJ	00	BUD	iLoc	HHE	???	_			
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ABAH	1.30	99.2	Pn	08:00:21.928	1.9	T__	74.4	---	ML	2.1	5534526	FDSN	HU	--	BUD	iLoc	HHN	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
2020/06/18	08:04:32.58	0.93	2.10	46.9344	17.3794	5.1	3.8	143	0.0f	12	9	79		0.16	1.13	sx	BUD	16001308	BUD		117	
2020/06/18	08:04:32.72	0.91	2.13	46.8548	17.2699f				0.0f	11	8	79		0.13	1.14	kx	BUD_GT	16001309	BUD		123	
(locality : Vársvölgy Hungary)																						
(description : known quarry blast)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	3 BUD	16001309

Sta	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	08:04:34.058	-1.9					T__		5129.9		---	ML	2.4	5534560	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
A261A	0.13	319.5	Lg	08:04:42.569	4.0					T__				---		5534567	FDSN	Z3	00	iLoc	BUD	HHZ	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
MPLH	0.37	30.2	Pg	08:04:37.066	-3.5					---	452.3			---	ML	2.0	5534561	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MPLH	0.37	30.2	Lg	08:04:44.185	-2.5					T__				---		5534568	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
BEHE	0.51	221.7	Pg	08:04:45.355	1.9					T__	144.2			---	ML	1.9	5534569	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
BEHE	0.51	221.7	Sn	08:04:56.729	-0.1					T__				---		5534562	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
EGYH	0.56	4.3	Lg	08:04:53.094	-0.2					T__				---		5534563	FDSN	HU	--	iLoc	BUD	HHE	???	_	
A266A	0.76	115.3	Lg	08:04:59.404	0.0					T__				---		5534570	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
KOGS	0.81	240.3	Lg	08:05:03.117	3.7					T__				---		5534565	FDSN	SL	--	iLoc	BUD	BHN	???	_	

A267A	0.84	83.3	Lg	08:05:02.101	-0.9	T__	---	5534571	FDSN	Z3	00	iLoc	BUD	HHE	???	_
KOVH	0.96	142.9	Lg	08:05:05.124	-0.5	T__	---	5534564	FDSN	HU	--	iLoc	BUD	HHN	???	_
MORH	1.14	123.5	Sn	08:05:10.397	-1.2	T__	---	5534566	FDSN	HU	--	iLoc	BUD	HHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/06/18	09:03:56.87	2.48	0.84	48.6367	20.7712	17.7	5.6	177	0.0f		9	5	266	0.21	0.93	sx	BUD	16001310	BUD			326

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	5 BUD	16001310

Sta	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	227.6	Pg	09:04:01.461	0.2					T__		138.2		---	ML	1.0	5534598	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.21	227.6	Lg	09:04:05.125	0.5					T__				---		5534599	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0)																									
KECS	0.24	231.1	Pg	09:04:02.006	0.1					T__		414.8		---	ML	1.6	5534600	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.24	231.1	Lg	09:04:04.902	-1.0					T__				---		5534601	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
ABAH	0.46	137.4	Pg	09:04:06.320	0.0					T__		54.4		---	ML	1.3	5534606	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
HU02A	0.54	197.8	Pg	09:04:09.299	1.1					T__		24.7		---	ML	1.2	5534602	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.54	197.8	Lg	09:04:15.840	-1.0					T__				---		5534603	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
PSZ	0.93	219.5	Pn	09:04:16.667	0.4					T__		32.6		---	ML	1.5	5534604	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.93	219.5	Lg	09:04:29.428	-0.8					T__				---		5534605	FDSN	GE	--	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	
2020/06/18	09:09:35.30	1.19	0.37	47.6411	18.9752				0.0	0.0	9	0	302	0.21	1.35	kx	BUD	16001312	BUD				
2020/06/18	09:09:37.22	0.96	0.48	47.8355	19.1270f				0.0f		9	5	197	0.07	1.15	kx	BUD_GT	16001313	BUD				333

(locality : Sejce-Vác Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD	16001313

Sta	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	09:09:39.462	0.2					T__		1012.7		---	ML	1.5	5534640	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:09:41.386	0.3					T__				---		5534641	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
PSZ	0.52	80.6	Pg	09:09:47.778	-0.9					T__		34.4		---	ML	1.3	5534638	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	09:09:56.749	-0.3					T__				---		5534639	FDSN	GE	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									

HU02A	0.98	72.5	Pg	09:09:57.621	0.1	T__	22.3	___	ML	1.4	5534642	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.98	72.5	Sn	09:10:12.634	-0.7	T__		---			5534643	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
KECS	1.12	54.0	Pg	09:09:59.676	0.2	T__	104.3	___	ML	2.1	5534644	FDSN	SK	--	iLoc	BUD	EHN	EHZ	_
KECS	1.12	54.0	Lg	09:10:17.303	0.6	T__		---			5534645	FDSN	SK	--	iLoc	BUD	EHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
JOS	1.15	54.5	Pg	09:09:59.901	-0.2	T__	22.1	___	ML	1.5	5534637	FDSN	ZJ	--	iLoc	BUD	HHN	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
2020/06/18	09:51:41.19	1.15	0.71	48.4315	19.5642	9.1	5.1	6	0.0f		8	5	166	0.49	0.71	sx	BUD	16001314	BUD		287	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	16001314

Sta	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	277.6	Lg	09:51:58.098	-0.4					T__						5534673	FDSN	SK	--	BUD	iLoc	HHE	???	_		
PSZ	0.56	156.6	Lg	09:52:02.139	0.1					T__						5534674	FDSN	GE	--	BUD	iLoc	HHE	???	_		
KECS	0.62	84.8	Pg	09:51:53.995	0.5					T__	122.9				___	ML	1.9	5534675	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.62	84.8	Lg	09:52:02.581	-0.3					T__					---		5534676	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
JOS	0.65	84.0	Pg	09:51:54.486	0.3					T__	33.5				___	ML	1.4	5534677	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	84.0	Lg	09:52:03.805	-0.3					T__					---		5534678	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
HU02A	0.71	115.4	Pg	09:51:56.369	0.4					T__	22.3				___	ML	1.2	5534680	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	115.4	Lg	09:52:05.852	-1.3					T__					---		5534679	FDSN	ZJ	00	BUD	iLoc	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		
2020/06/18	11:17:47.08	1.61	0.98	48.2406	19.9357	12.6	4.4	124	0.0f		8	5	231	0.32	0.87	sx	BUD	16001316	BUD		309			

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	16001316

Sta	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	0.32	184.9	Pg	11:17:54.328	-0.1					T__	169.6				___	ML	1.4	5534704	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	184.9	Lg	11:18:00.061	0.1					T__					---		5534705	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
HU02A	0.41	106.5	Pg	11:17:55.924	-0.0					T__	75.5				___	ML	1.3	5534706	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.41	106.5	Lg	11:18:02.038	-0.7					T__					---		5534707	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
KECS	0.44	56.3	Lg	11:18:04.333	1.5					T__					---		5534708	FDSN	SK	--	BUD	iLoc	EHE	???	_	

JOS	0.48	57.4	Pg	11:17:56.021	-0.7	T__	62.8	___	ML	1.4	5534709	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	57.4	Lg	11:18:03.799	-0.3	T__		---			5534710	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
ABAH	0.87	85.9	Lg	11:18:19.443	1.2	T__		---			5534711	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
2020/06/19	02:59:34.64	0.97	0.78	47.6720	20.3168	6.6	3.8	90	11.6	7.3	12	6	140	0.06	0.88	ke	BUD	16001322	BUD		189	

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	6 BUD	16001322

Sta	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	0.06	234.0	Pg	02:59:37.097	-0.2					T__		413.6		___	ML	1.1	5534886	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.06	234.0	Lg	02:59:39.642	0.3					T__				---		5534887	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
BSZH	0.37	185.2	Pg	02:59:42.842	-0.2					T__		133.2		___	ML	1.5	5534889	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.37	185.2	Lg	02:59:48.528	-0.2					T__				---		5534890	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
PSZ	0.38	311.0	Pg	02:59:42.957	-0.1					T__		24.7		___	ML	0.7	5534884	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.38	311.0	Lg	02:59:48.989	-0.2					T__				---		5534888	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
HU02A	0.47	17.2	Pg	02:59:44.290	-0.4					T__		24.0		___	ML	1.0	5534883	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	17.2	Lg	02:59:51.623	-0.4					T__				---		5534891	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
JOS	0.84	10.2	Pn	02:59:52.591	1.8					T__		17.2		___	ML	1.2	5534881	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.84	10.2	Lg	03:00:03.595	0.5					T__				---		5534892	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.88	44.5	Pg	02:59:51.908	-0.2					T__		21.9		___	ML	1.3	5534882	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.88	44.5	Lg	03:00:05.749	0.9					T__				---		5534885	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
2020/06/19	08:10:27.53	2.15	0.79	47.1378	18.0011	4.2	3.8	118	0.4	3.3	14	9	96	0.25	1.50	sx	BUD	16001326	BUD		121	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	16001326

Sta	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	197.3	Pg	08:10:32.863	-0.0					T__		1188.9		___	ML	2.1	5534987	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.25	197.3	Lg	08:10:37.818	0.8					T__				---		5534996	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
CSKK	0.29	38.0	Pg	08:10:33.717	0.1					T__		356.5		___	ML	1.6	5534986	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

```

CSKK  0.29 38.0 Lg      08:10:39.102  0.2      T__          ---          5534985  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
 Station ML: 1.6 magdef=1
MPLH  0.32 276.0 Pg     08:10:34.373  0.1      T__    138.6    --- ML    1.3 5534983  FDSN HU      -- BUD  iLoc  HHZ HHZ _
MPLH  0.32 276.0 Lg     08:10:40.008  0.5      T__          ---          5534984  FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.3 magdef=1
 Station ML: 1.3 magdef=0
A267A 0.38 120.0 Lg     08:10:41.985  0.2      T__          ---          5534992  FDSN Z3      00 BUD  iLoc  HHN ??? _
EGYH  0.53 301.8 Lg     08:10:45.910 -0.8     T__          ---          5534993  FDSN HU      -- BUD  iLoc  HHE ??? _
HU10A 0.99 43.9 Sn      08:11:01.903 -1.2     T__          ---          5534988  FDSN ZJ      00 BUD  iLoc  HHE ??? _
MORH  1.02 154.2 Pn     08:10:47.392 -0.3     T__    20.3    --- ML    1.4 5534991  FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH  1.02 154.2 Lg     08:11:02.383 -0.2     T__          ---          5534990  FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.4 magdef=1
 Station ML: 1.4 magdef=1
KOVH  1.05 176.3 Pn     08:10:47.626 -0.5     T__    31.1    --- ML    1.6 5534995  FDSN HU      -- BUD  iLoc  HHZ HHZ _
KOVH  1.05 176.3 Lg     08:11:02.290 -1.5     T__          ---          5534994  FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.6 magdef=1
 Station ML: 1.6 magdef=1
PSZ   1.50 58.0 Sn      08:11:16.994  0.9      T__          ---          5534989  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
2020/06/19 11:11:42.60  5.05  0.31 48.8024  21.6394  43.8  12.6  4  0.0f  6  3 250  0.79  1.01  sx BUD  16001328  BUD  340

```

```

Magnitude  Err Nsta Author  OrigID
ML  1.6 0.0  3 BUD  16001328

```

```

Sta  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  0.79 247.6 Pn     11:11:59.619 -0.2   T__          32.6    --- ML    1.5 5535022  FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS  0.79 247.6 Lg     11:12:10.363  0.3   T__          ---          5535023  FDSN ZJ      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.5 magdef=1
 Station ML: 1.5 magdef=1
TRPA  0.90 138.0 Pn     11:12:01.379 -0.1   T__    38.2    --- ML    1.6 5535024  FDSN HU      -- BUD  iLoc  HHZ HHZ _
TRPA  0.90 138.0 Lg     11:12:14.855  0.2   T__          ---          5535027  FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.6 magdef=1
 Station ML: 1.6 magdef=1
HU02A 1.01 227.9 Pn     11:12:02.824 -0.2   T__    34.1    --- ML    1.6 5535025  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 1.01 227.9 Lg     11:12:18.047 -0.3   T__          ---          5535026  FDSN ZJ      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
2020/06/20 09:07:43.35  0.58  1.10 46.0879  18.3403  0.0  0.0  9  0 204  0.17  1.15  kx BUD  16001332  BUD
2020/06/20 09:07:41.78  0.95  1.54 46.1765  18.2926f  0.0f  9  7 155  0.16  1.09  kx BUD_GT 16001333  BUD  188

```

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(locality : Komló Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude  Err Nsta Author  OrigID
ML  1.4 0.1  2 BUD  16001333

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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	09:07:45.016	-0.6					T__		522.8		---	ML	1.5	5535186	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	09:07:47.912	-0.8					T__				---		5535187	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.25	80.9	Pg	09:07:46.999	-0.3					T__		220.3		---	ML	1.3	5535188	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.25	80.9	Lg	09:07:50.966	-0.7					T__				---		5535189	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A266A	0.35	356.8	Lg	09:07:56.025	0.8					T__				---		5535193	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
A265A	0.42	305.9	Lg	09:08:00.237	2.9					T__				---		5535190	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
HU22A	0.60	75.1	Lg	09:08:03.976	-0.3					T__				---		5535191	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
A264A	0.70	269.0	Lg	09:08:08.306	2.5					T__				---		5535194	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
BEHE	1.09	286.2	Sn	09:08:20.678	1.3					T__				---		5535192	FDSN	HU	--	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/06/22	06:43:46.69	1.57	1.01	48.3323	21.6359	22.1	8.2	10	10.0f		8	5	185	0.27	1.24	sx	BUD	16001334	BUD			328

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	3 BUD	16001334

Sta	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	0.27	262.4	Pg	06:43:52.797	0.4					T__		624.7		---	ML	1.8	5535218	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.27	262.4	Lg	06:43:56.239	-0.9					T__				---		5535219	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
TRPA	0.64	108.2	Lg	06:44:08.046	-0.8					T__				---		5535221	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.75	283.0	Pg	06:44:01.860	0.5					T__		28.6		---	ML	1.4	5535216	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.75	283.0	Lg	06:44:11.711	-0.3					T__				---		5535217	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.78	281.6	Pg	06:44:02.087	0.0					T__		104.8		---	ML	2.0	5535223	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.78	281.6	Lg	06:44:12.283	-0.8					T__				---		5535222	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	1.24	251.1	Sn	06:44:27.972	1.6					T__				---		5535220	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
2020/06/22	11:23:01.46	0.64	0.42	48.0938	20.6922				0.0	0.0	6	0	191	0.41	0.56	kx	BUD	16001336	BUD			
2020/06/22	11:22:59.48	1.03	0.65	48.0750	20.6990f				0.0f		6	4	195	0.42	0.56	kx	BUD_GT	16001337	BUD			282

(locality : Miskolc-Mexikóvölgy Hungary)

(description : known quarry blast)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	2 BUD	16001337

Sta	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	Lg	11:23:14.861	-0.8					T__				---		5535281	FDSN	HU	--	iLoc	BUD	HHZ	???	_
KECS	0.43	340.8	Lg	11:23:14.802	-0.3					T__				---		5535276	FDSN	SK	--	iLoc	BUD	EHE	???	_


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JOS 0.43 345.9 Pg 11:23:08.911 0.6 T__ 93.1 ___ ML 1.5 5535277 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 0.43 345.9 Lg 11:23:14.369 -0.7 T__ ___ 5535278 FDSN ZJ -- iLoc BUD HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.56 254.1 Pg 11:23:11.847 0.2 T__ 51.0 ___ ML 1.5 5535279 FDSN GE -- iLoc BUD HHZ HHZ _
PSZ 0.56 254.1 Lg 11:23:19.899 -0.7 T__ ___ 5535280 FDSN GE -- iLoc BUD 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
2020/06/23 06:32:46.92 1.23 0.59 48.9841 19.3901 9.0 3.9 8 0.0f 13 8 178 0.61 1.44 sx BUD 16001338 BUD 228

```

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 16001338

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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 0.61 217.0 Pg 06:32:59.316 -0.0 T__ 21.5 ___ ML 1.2 5535314 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.61 217.0 Lg 06:33:07.844 -0.4 T__ ___ 5535315 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
A332A 0.64 253.9 Pg 06:33:00.175 0.5 T__ 118.8 ___ ML 1.9 5535319 FDSN Z3 00 BUD iLoc HHZ HHZ _
A332A 0.64 253.9 Lg 06:33:08.082 -0.6 T__ ___ 5535320 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A335A 0.88 232.8 Pg 06:33:04.774 0.1 T__ 196.6 ___ ML 2.3 5535316 FDSN Z3 00 BUD iLoc HHZ HHZ _
A335A 0.88 232.8 Lg 06:33:18.342 0.3 T__ ___ 5535317 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
KECS 0.88 124.2 Lg 06:33:17.160 -0.3 T__ ___ 5535312 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.90 122.3 Pg 06:33:04.892 0.1 T__ 47.0 ___ ML 1.7 5535310 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.90 122.3 Lg 06:33:18.106 -0.1 T__ ___ 5535311 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 1.12 162.3 Lg 06:33:26.561 -0.1 T__ ___ 5535313 FDSN GE -- BUD iLoc HHN ??? _
HU02A 1.15 138.4 Pn 06:33:10.693 1.2 T__ 27.0 ___ ML 1.6 5535321 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.15 138.4 Lg 06:33:25.963 -0.3 T__ ___ 5535322 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORC 1.44 304.0 Lg 06:33:32.750 -0.9 T__ ___ 5535318 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
2020/06/23 11:02:51.54 1.35 0.36 48.3095 19.9010 10.8 3.6 133 0.0f 10 5 219 0.39 0.46 sx BUD 16001342 BUD 245

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Magnitude Err Nsta Author OrigID
ML 1.2 0.1 5 BUD 16001342

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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 0.39 180.6 Pg 11:03:00.164 -0.0 T__ 69.4 ___ ML 1.2 5535389 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.39 180.6 Lg 11:03:06.976 0.3 T__ ___ 5535390 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1

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```

(Station ML: 1.2 magdef=1
KECS 0.43 65.7 Pg 11:03:00.167 -0.0 T__ 154.8 --- ML 1.7 5535392 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.43 65.7 Lg 11:03:07.516 0.7 T__ --- 5535391 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
HU03A 0.45 206.6 Pg 11:03:01.030 -0.2 T__ 50.7 --- ML 1.3 5535395 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.45 206.6 Lg 11:03:08.346 0.1 T__ --- 5535396 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.46 114.0 Pg 11:03:01.385 0.1 T__ 28.4 --- ML 1.0 5535397 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 114.0 Lg 11:03:08.320 -0.5 T__ --- 5535398 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
JOS 0.46 66.1 Pg 11:03:00.637 -0.3 T__ 39.9 --- ML 1.2 5535393 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.46 66.1 Lg 11:03:08.018 -0.1 T__ --- 5535394 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
2020/06/23 11:04:48.96 0.93 0.41 48.3439 19.8562 4.7 3.6 162 10.0f 11 6 148 0.43 0.70 sx BUD 16001344 BUD 229

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 16001344

```

```

Sta 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 0.43 176.5 Pg 11:04:58.325 -0.0 T__ 188.6 --- ML 1.8 5535432 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.43 176.5 Lg 11:05:04.958 -0.2 T__ --- 5535433 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
KECS 0.44 71.4 Pg 11:04:58.343 0.4 T__ 161.0 --- ML 1.7 5535439 FDSN SK -- BUD iLoc EHE EHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU03A 0.47 201.4 Pg 11:04:59.286 0.3 T__ 83.1 --- ML 1.5 5535440 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.47 201.4 Lg 11:05:06.324 0.2 T__ --- 5535436 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.48 71.3 Pg 11:04:58.801 0.1 T__ 105.9 --- ML 1.7 5535434 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.48 71.3 Lg 11:05:05.890 0.1 T__ --- 5535435 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.50 116.1 Pg 11:04:59.510 0.0 T__ 68.9 --- ML 1.5 5535437 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 116.1 Lg 11:05:06.413 -0.8 T__ --- 5535438 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.70 282.8 Pg 11:05:03.244 0.1 T__ 13.6 --- ML 1.0 5535442 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.70 282.8 Lg 11:05:12.478 -0.6 T__ --- 5535441 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 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

```

2020/06/23 12:10:22.08 1.21 0.89 46.0901 18.1285 11.3 3.1 168 0.0f 8 6 194 0.02 1.15 sx BUD 16001346 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	
KOVH	0.02	264.8	Pg	12:10:22.900	-0.1					T__		1108.3		---	ML	1.4	5535471	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.02	264.8	Lg	12:10:24.325	0.2					T__				---		5535472	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	0.38	70.6	Pg	12:10:30.105	-0.0					T__		36.4		---	ML	0.9	5535473	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.38	70.6	Lg	12:10:36.757	0.3					T__				---		5535474	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A265A	0.41	325.5	Lg	12:10:38.112	1.1					T__				---		5535477	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A266A	0.45	12.2	Lg	12:10:38.011	-0.7					T__				---		5535475	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
BEHE	1.01	292.5	Lg	12:10:55.326	-0.9					T__				---		5535478	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	1.15	339.6	Sn	12:11:00.207	-1.2					T__				---		5535476	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
 2020/06/24 06:41:53.31 0.92 1.37 47.8738 19.9290 7.9 3.3 171 0.0f 19 13 109 0.05 1.80 sx BUD 16001348 BUD 182

Magnitude Err Nsta Author OrigID
 ML 1.9 0.2 7 BUD 16001348

Sta	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	332.5	Pg	06:41:55.044	-0.1					T__		7578.5		---	ML	2.3	5535515	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.05	332.5	Lg	06:41:57.139	0.2					T__				---		5535516	FDSN	GE	--	BUD	iLoc	HHE	???	_		
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0)																										
HU03A	0.22	277.8	Pg	06:41:57.708	-0.7					T__		770.5		---	ML	1.8	5535517	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU03A	0.22	277.8	Lg	06:42:02.797	0.6					T__				---		5535518	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_		
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																										
HU23A	0.32	137.2	Pn	06:42:06.038	0.8					T__		746.2		---	ML	2.1	5535532	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																										
HU02A	0.47	57.9	Pg	06:42:02.134	-1.3					T__		158.3		---	ML	1.8	5535519	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.47	57.9	Lg	06:42:09.936	-1.2					T__				---		5535520	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																										
HU10A	0.61	267.7	Lg	06:42:15.131	-0.9					T__				---		5535533	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
KECS	0.71	31.2	Lg	06:42:18.711	0.2					T__				---		5535523	FDSN	SK	--	BUD	iLoc	EHE	???	_		
JOS	0.74	33.0	Pg	06:42:09.772	1.6					T__		107.1		---	ML	1.9	5535521	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.74	33.0	Lg	06:42:19.268	-0.3					T__				---		5535522	FDSN	ZJ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																										
VYHS	0.96	310.7	Pg	06:42:12.349	-0.4					T__		22.5		---	ML	1.4	5535526	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.96	310.7	Lg	06:42:26.377	-0.4					T__				---		5535527	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																										
ABAH	0.98	63.8	Pg	06:42:13.209	0.6					T__		74.2		---	ML	1.9	5535524	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.98	63.8	Lg	06:42:27.999	-0.1					T__				---		5535525	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																										
A335A	1.21	298.9	Sn	06:42:36.342	1.4					T__				---		5535529	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
CSKK	1.24	246.3	Sn	06:42:35.643	0.4					T__				---		5535528	FDSN	HU	--	BUD	iLoc	HHE	???	_		

HU08A	1.43	252.7	Sn	06:42:40.276	0.5					T__					5535530	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
JAVC	1.80	304.1	Sn	06:42:54.671	4.4					T__					5535531	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
2020/06/24	09:04:38.23	1.08	1.02	48.4465	20.7398	8.8	4.1	25	10.0f		7	5	183	0.14	0.77	sx	BUD	16001350	BUD			273

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.3	3 BUD	16001350

Sta	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	290.4	Pg	09:04:41.190	-0.5					T__		134.0			ML	0.8	5535564	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	290.4	Lg	09:04:44.954	0.6					T__						5535565	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KECS	0.17	282.3	Pg	09:04:41.637	-0.6					T__		378.1			ML	1.4	5535566	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.17	282.3	Lg	09:04:46.238	0.9					T__						5535567	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.35	203.9	Lg	09:04:51.314	-0.5					T__						5535569	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
ABAH	0.37	114.1	Pg	09:04:45.535	-0.2					T__		54.9			ML	1.1	5535568	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.77	227.3	Lg	09:05:07.286	1.5					T__						5535570	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
2020/06/24	09:59:01.77	0.96	0.78	48.4350	19.5568	7.4	3.6	11	0.0f		9	5	167	0.48	0.72	sx	BUD	16001352	BUD			288

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD	16001352

Sta	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	277.3	Pg	09:59:11.900	0.2					T__		14.4			ML	0.8	5535640	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.48	277.3	Lg	09:59:18.467	-0.5					T__						5535641	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
PSZ	0.56	156.3	Pg	09:59:14.468	0.5					T__		30.5			ML	1.3	5535642	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.56	156.3	Lg	09:59:22.105	-0.7					T__						5535643	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.62	85.2	Lg	09:59:23.646	0.0					T__						5535646	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.66	84.3	Pg	09:59:15.052	0.2					T__		23.2			ML	1.2	5535644	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	84.3	Lg	09:59:24.260	-0.6					T__						5535645	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.72	115.5	Pg	09:59:17.268	0.6					T__		32.9			ML	1.4	5535647	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	115.5	Lg	09:59:26.554	-1.4					T__						5535648	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
2020/06/24	10:03:29.90	3.33	0.47	47.4169	18.3462	18.3	13.4	75	0.0f	4	3	163	0.08	1.16	sx	BUD	16001354	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	
CSKK	0.08	227.3	Pg	10:03:32.182	0.0					T__		196.7		---	ML	0.8	5535687	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	227.3	Lg	10:03:34.339	-0.1					T__				---		5535688	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
HU08A	0.29	273.0	Lg	10:03:41.361	-0.0					T__				---		5535689	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	1.16	63.8	Sn	10:04:10.081	-0.5					T__				---		5535690	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	
2020/06/24	10:58:42.03	2.74	1.06	47.3511	18.4296	16.4	5.5	151	0.3	4.4	8	7	112	0.12	1.18	sx	BUD	16001356	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	
CSKK	0.12	276.0	Pg	10:58:44.868	-0.0					T__		1283.3		---	ML	1.7	5535708	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.12	276.0	Lg	10:58:46.832	-0.7					T__				---		5535709	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU09A	0.29	353.7	Lg	10:58:53.251	-0.2					T__				---		5535714	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU08A	0.35	283.3	Lg	10:58:56.166	0.7					T__				---		5535712	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU10A	0.64	38.7	Lg	10:59:05.178	-0.3					T__				---		5535713	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	1.14	59.7	Sn	10:59:23.347	1.4					T__				---		5535710	FDSN	GE	--	BUD	iLoc	HHE	???	_	
MORH	1.15	172.6	Sn	10:59:22.296	1.1					T__				---		5535711	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VYHS	1.18	13.3	Lg	10:59:23.025	0.3					T__				---		5535715	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		
2020/06/24	11:26:33.79	1.34	2.27	47.3759	18.3512	7.1	6.0	98	0.0f	6	5	106	0.06	1.18	sx	BUD	16001358	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	
CSKK	0.06	258.3	Pg	11:26:35.119	-0.6					T__		845.9		---	ML	1.4	5535731	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	258.3	Lg	11:26:37.000	-0.7					T__				---		5535732	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU09A	0.26	4.6	Lg	11:26:44.719	0.2					T__				---		5535734	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.30	281.0	Lg	11:26:48.191	2.6					T__				---		5535733	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.44	168.2	Lg	11:26:51.371	1.0					T__				---		5535736	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
PSZ	1.18	61.9	Sn	11:27:12.226	-2.6					T__				---		5535735	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		
2020/06/24	11:47:18.79	2.59	1.85	47.3496	18.4450	17.9	6.4	136	0.0f	7	6	113	0.13	1.17	sx	BUD	16001360	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
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------	-------	-----	--------	----	------	-----	-----	-----	---

CSKK	0.13	276.2	Pg	11:47:22.234	0.3					T__	1545.3	___	ML	1.8	5535753	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	276.2	Lg	11:47:24.151	-0.8					T__		---			5535754	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU09A	0.29	351.7	Lg	11:47:31.612	1.1					T__		---			5535755	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU08A	0.36	283.2	Lg	11:47:32.557	-0.3					T__		---			5535756	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
PSZ	1.13	59.3	Sn	11:48:01.244	2.5					T__		---			5535757	FDSN	GE	--	BUD	iLoc	HHN	???	_
MORH	1.14	173.1	Sn	11:47:59.536	1.4					T__		---			5535758	FDSN	HU	--	BUD	iLoc	HHE	???	_
VYHS	1.17	12.8	Lg	11:47:57.843	-1.9					T__		---			5535759	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
2020/06/24	13:25:55.64	2.73	0.26	48.4042	20.6886	24.4	4.4	76	0.0f		6	3	248	0.14	0.30	sx	BUD	16001362	BUD			347

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.0	3 BUD	16001362

Sta	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	312.8	Pg	13:25:58.647	0.1					T__		137.6	---	ML	0.8	5535777	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	312.8	Lg	13:26:00.751	-0.2					T__			---			5535778	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=1)																								
KECS	0.16	300.4	Pg	13:25:59.218	0.2					T__		128.2	---	ML	0.8	5535779	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.16	300.4	Lg	13:26:01.609	-0.1					T__			---			5535780	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=1)																								
HU02A	0.30	201.2	Pg	13:26:02.410	0.1					T__		21.5	---	ML	0.5	5535781	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.30	201.2	Lg	13:26:07.243	-0.3					T__			---			5535782	FDSN	ZJ	00	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
2020/06/24	13:31:31.67	0.93	1.42	48.3922	20.5836	5.1	3.2	69	0.0f		9	5	117	0.11	0.66	sx	BUD	16001364	BUD			204

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	4 BUD	16001364

Sta	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	344.2	Pg	13:31:33.854	-0.2					T__		457.3	---	ML	1.3	5535808	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.11	344.2	Lg	13:31:35.942	-0.1					T__			---			5535809	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
KECS	0.11	324.4	Pg	13:31:34.314	0.1					T__		282.9	---	ML	1.1	5535811	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.11	324.4	Lg	13:31:36.796	0.5					T__			---			5535810	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=1)																								
HU02A	0.27	188.3	Pg	13:31:37.578	-0.1					T__		32.6	---	ML	0.6	5535814	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.27	188.3	Lg	13:31:42.648	0.1					T__			---			5535815	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 0.6 magdef=1)																								
(Station ML: 0.6 magdef=1)																								
ABAH	0.45	102.1	Pg	13:31:42.057	1.2					T__		51.6	---	ML	1.3	5535812	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	102.1	Lg	13:31:45.400	-3.2					T__			---			5535813	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																								

(Station ML: 1.3 magdef=1
 PSZ 0.66 224.5 Lg 13:31:56.289 0.3 T__ --- 5535816 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
2020/06/25	09:09:52.46	1.32	1.78	47.0225	18.2353	10.0	6.6	74	0.0f	6	5	126	0.34	1.44	sx	BUD	16001368	BUD			236	

Magnitude Err Nsta Author OrigID

Sta	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	0.34	2.9	Pg	09:10:00.916	1.1					T__		171.6		---	ML	1.5	5535866	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.34	2.9	Lg	09:10:03.710	-2.4					T__				---		5535867	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HU08A	0.46	332.7	Lg	09:10:09.671	-0.3					T__				---		5535871	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.50	287.5	Lg	09:10:09.779	-1.0					T__				---		5535868	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
MORH	0.86	160.6	Lg	09:10:21.119	-1.2					T__				---		5535869	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
PSZ	1.44	50.9	Sn	09:10:39.541	-0.2					T__				---		5535870	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
2020/06/25	11:10:22.33	3.38	0.79	48.7223	21.4644	21.7	9.4	41	0.0f	10	5	309	0.45	1.32	sx	BUD	16001370	BUD			336	

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 5 BUD 16001370

Sta	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	0.45	199.4	Pg	11:10:31.576	0.0					T__		55.6		---	ML	1.3	5535900	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.45	199.4	Lg	11:10:39.693	0.4					T__				---		5535899	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0)																										
JOS	0.65	250.1	Pg	11:10:35.319	-0.0					T__		48.3		---	ML	1.5	5535895	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.65	250.1	Lg	11:10:45.604	0.4					T__				---		5535896	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																										
KECS	0.69	250.1	Pg	11:10:36.213	0.1					T__		119.3		---	ML	2.0	5535901	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.69	250.1	Lg	11:10:46.603	0.1					T__				---		5535902	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0)																										
HU02A	0.87	226.5	Pn	11:10:39.260	-1.5					T__		33.7		---	ML	1.5	5535897	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.87	226.5	Lg	11:10:52.473	-1.0					T__				---		5535898	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																										
PSZ	1.32	233.1	Pn	11:10:47.782	0.6					T__		31.1		---	ML	1.7	5535903	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	1.32	233.1	Sn	11:11:07.576	0.6					T__				---		5535904	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
2020/06/25	11:13:46.48	1.08	1.73	48.2586	21.1971	7.1	5.6	38	0.0f	14	9	114	0.05	2.02	sx	BUD	16001372	BUD			212	

Magnitude Err Nsta Author OrigID
 ML 2.5 0.1 7 BUD 16001372

Sta	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	37.2	Pg	11:13:47.804	-0.2					T__		35476.6		___	ML	3.0	5535944	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									
HU02A	0.47	253.4	Pg	11:13:56.144	-0.3					T__		125.5		___	ML	1.7	5535946	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	253.4	Lg	11:14:04.209	0.0					T__				---			5535945	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
JOS	0.50	298.7	Pg	11:13:57.097	0.6					T__		122.7		___	ML	1.8	5535942	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	298.7	Lg	11:14:03.526	-0.7					T__				---			5535947	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU05A	0.71	183.3	Pg	11:14:01.721	0.3					T__		396.7		___	ML	2.5	5535949	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.71	183.3	Lg	11:14:12.158	-0.8					T__				---			5535948	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
HU23A	0.89	226.1	Pn	11:14:05.668	0.7					T__		353.6		___	ML	2.5	5535950	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
PSZ	0.94	249.2	Pn	11:14:06.055	0.1					T__		86.6		___	ML	2.0	5535943	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.94	249.2	Lg	11:14:19.518	-0.8					T__				---			5535951	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
LTVH	0.99	151.3	Pn	11:14:06.373	-0.0					T__		324.4		___	ML	2.6	5535952	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
LTVH	0.99	151.3	Lg	11:14:22.079	0.2					T__				---			5535953	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
HU24A	1.35	181.1	Sn	11:14:33.167	2.5					T__				---			5535954	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
SIRR	2.02	170.8	Sn	11:14:51.784	4.9					T__				---			5535955	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
2020/06/25	13:17:02.94	0.84	0.69	47.8652	16.0578	5.1	4.1	133	0.0f		19	12	78	0.15	3.29	sx	BUD	16001374	BUD			153

Magnitude	Err	Nsta	Author	OrigID
ML	0.5	0.5	6 BUD	16001374

Sta	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	295.6	Pg	13:17:05.464	-0.6					T__		294.5		___	ML	1.2	5535987	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	295.6	Lg	13:17:07.775	-0.6					T__				---			5535988	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
RONA	0.23	135.7	Pg	13:17:07.344	-0.5					T__		1.1	0.22	__i	ML	-1.0	45546670	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.23	135.7	Lg	13:17:10.697	-0.5					T__		8.3	0.26	__i	ML	-0.1	45546671	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: -0.1 magdef=1)																									
(Station ML: -0.1 magdef=0)																									
WINA	0.24	2.4	Pg	13:17:08.136	0.3					T__				__e			45546672	FDSN	IR	--	ISC	iLoc	???	???	_
WINA	0.24	2.4	Lg	13:17:11.262	-0.1					T__				__e			45546673	FDSN	IR	--	ISC	iLoc	???	???	_
AO18A	0.67	259.9	Pg	13:17:15.551	-0.4					T__		46.8		___	ML	1.5	5535989	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
ARSA	0.71	210.7	Pg	13:17:15.883	-0.9					T__		1.6	0.22	__i	ML	0.1	45546662	FDSN	IR	--	ISC	iLoc	???	???	_

ARSA	0.71	210.7	Lg	13:17:25.804	0.1	T__	3.5	0.30	__i	ML	0.4	45546663	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.71	210.7	Sg	13:17:26.624	0.9	T__			---			5535986	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.4 magdef=1)																				
(Station ML: 0.4 magdef=1)																				
A019A	0.78	237.8	Lg	13:17:29.141	1.0	T__			---			5535992	FDSN	Z3	00	BUD	iLoc	HH2	???	_
MODS	0.96	57.6	Lg	13:17:38.205	0.9	T__			---			5535990	FDSN	SK	--	BUD	iLoc	HHE	???	_
MOA	1.21	269.9	Pg	13:17:25.824	-0.3	T__	0.4	0.14	__i	ML	-0.2	45546668	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	1.21	269.9	Lg	13:17:42.426	0.6	T__	0.6	0.16	__i	ML	-0.1	45546669	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: -0.1 magdef=1)																				
(Station ML: -0.1 magdef=1)																				
KRUC	1.22	10.5	Sn	13:17:42.842	-1.0	T__			---			5535991	FDSN	CZ	--	BUD	iLoc	HHE	???	_
TREC	1.48	345.4	Sn	13:17:50.282	0.2	T__			---			5535993	FDSN	CZ	--	BUD	iLoc	HHN	???	_
KBA	2.00	247.8	Pn	13:17:38.723	0.1	T__	0.1	0.08	__i	ML	-0.4	45546666	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	2.00	247.8	Sn	13:18:03.607	-0.4	T__	0.9	0.32	__e	ML	0.6	45546667	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.6 magdef=1)																				
(Station ML: 0.6 magdef=1)																				
VARN	3.29	236.8	Pg	13:18:02.820	1.0	T__			__e			27350456	FDSN	IR	--	ISC	iLoc	???	???	_
VARN	3.29	236.8	Sn	13:18:06.180	-29.1	---			__e			27350457	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/06/26	05:41:14.93	3.32	2.18	47.0878	17.9564	21.7	6.7	141	0.0f		6	3	289	0.30	0.54	sx	BUD	16001380	BUD			338

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.6	3 BUD	16001380

Sta	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	0.30	286.3	Pg	05:41:21.406	-0.0					T__		115.7		---	ML	1.2	5536305	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.30	286.3	Lg	05:41:24.304	-2.3					T__				---		5536306	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU08A	0.34	356.3	Pg	05:41:22.807	0.5					T__		209.8		---	ML	1.6	5536308	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.34	356.3	Lg	05:41:26.431	-2.0					T__				---		5536304	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
EGYH	0.54	308.0	Pg	05:41:28.215	2.0					T__		313.9		---	ML	2.3	5536309	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
EGYH	0.54	308.0	Lg	05:41:35.274	0.7					T__				---		5536307	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
2020/06/26	07:12:44.14	2.86	0.75	45.5063	17.3377	20.4	9.8	4	2.0f		8	6	232	0.65	1.36	ke	BUD	16001382	BUD			242

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	
A264A	0.65	357.1	Lg	07:13:05.135	-0.8					T__				---		5536338	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KOVH	0.79	42.2	Pg	07:12:59.850	-0.1					T__		53.8		---	ML	1.7	5536332	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.79	42.2	Lg	07:13:11.640	1.0					T__				---		5536333	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PTJ	1.04	293.1	Lg	07:13:19.380	0.3					T__				---		5536337	FDSN	CR	--	BUD	iLoc	BHN	???	_	
BEHE	1.04	338.1	Lg	07:13:19.172	1.0					T__				---		5536339	FDSN	HU	--	BUD	iLoc	HHE	???	_	

MORH	1.16	51.7	Pn	07:13:05.587	-0.4	T__	17.7	___	ML	1.4	5536334	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.16	51.7	Lg	07:13:21.975	0.1	T__		---			5536335	FDSN	HU	--	BUD	iLoc	HHE	???	_
CRES	1.36	284.3	Sn	07:13:27.936	-0.1	T__		---			5536336	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
2020/06/26	08:30:30.12	1.91	0.51	47.9821	20.3701	19.5	6.6	146	0.0f	5	3	222	0.17	0.53	sx	BUD	16001384	BUD			335	

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	0.17	36.5	Pg	08:30:34.404	0.1					T__		311.0		---	ML	1.3	5536359	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.17	36.5	Lg	08:30:37.361	-0.4					T__				---		5536360	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.33	258.9	Lg	08:30:42.853	-0.3					T__				---		5536361	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
JOS	0.53	12.4	Pg	08:30:41.135	0.4					T__		22.2		---	ML	1.1	5536357	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	12.4	Lg	08:30:48.519	-0.4					T__				---		5536358	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
2020/06/26	08:55:46.25	1.07	0.48	46.1288	18.3083	11.6	3.7	160	0.0f	5	3	184	0.15	0.40	sx	BUD	16001386	BUD			286	

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	0.15	254.5	Pg	08:55:50.054	0.1					T__		375.4		---	ML	1.3	5536379	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	254.5	Lg	08:55:52.728	-0.2					T__				---		5536380	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	0.25	69.6	Pg	08:55:52.036	0.2					T__		112.0		---	ML	1.0	5536381	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	69.6	Lg	08:55:55.665	-0.6					T__				---		5536382	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A266A	0.40	355.7	Lg	08:56:01.139	-0.1					T__				---		5536383	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
2020/06/26	09:08:11.38	1.03	1.71	47.5516	18.4952	6.1	3.3	111	0.0f	12	9	152	0.12	1.16	sx	BUD	16001388	BUD			206	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	16001388

Sta	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	318.8	Pg	09:08:13.735	-0.5					T__		3871.5		---	ML	2.2	5536410	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.12	318.8	Lg	09:08:15.184	-1.8					T__				---		5536409	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.25	220.3	Pg	09:08:16.040	-0.8					T__		323.2		---	ML	1.5	5536411	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	220.3	Lg	09:08:20.552	-1.1					T__				---		5536412	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
SRO	0.29	334.9	Lg	09:08:22.962	0.0					T__				---		5536417	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	0.75	239.9	Lg	09:08:40.499	2.6					T__				---		5536415	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.80	260.7	Lg	09:08:42.142	2.6					T__				---		5536416	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A335A	0.90	353.2	Lg	09:08:44.556	0.9					T__				---		5536418	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
VYHS	0.97	13.5	Pg	09:08:31.302	0.2					T__		24.1		---	ML	1.4	5536413	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	13.5	Lg	09:08:45.792	0.5					T__				---		5536414	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	1.01	68.2	Lg	09:08:48.715	0.7					T__				---		5536419	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MODS	1.16	315.6	Sn	09:08:49.534	-2.5					T__				---		5536420	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
2020/06/26	10:46:24.40	0.86	0.72	48.3338	19.8529	3.6	3.2	167	0.0f	16	9	87	0.42	1.02	sx	BUD	16001390	BUD			146	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	7 BUD	16001390

Sta	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	176.2	Pg	10:46:33.640	0.1					T__		262.5		___	ML	1.9	5536463	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.42	176.2	Lg	10:46:40.398	0.0					T__				---		5536464	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KECS	0.45	70.2	Pg	10:46:33.664	0.2					T__		327.7		___	ML	2.1	5536461	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.45	70.2	Lg	10:46:40.027	-0.4					T__				---		5536462	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
HU03A	0.46	201.6	Pg	10:46:34.562	0.3					T__		173.5		___	ML	1.8	5536465	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.46	201.6	Lg	10:46:41.998	0.6					T__				---		5536466	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.49	70.2	Pg	10:46:34.219	0.0					T__		241.3		___	ML	2.0	5536456	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	70.2	Lg	10:46:40.806	-0.8					T__				---		5536457	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	0.50	115.0	Lg	10:46:41.992	-1.0					T__				---		5536460	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
VYHS	0.70	283.7	Pg	10:46:38.669	0.1					T__		26.2		___	ML	1.3	5536458	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.70	283.7	Lg	10:46:48.051	-0.8					T__				---		5536459	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
LANS	0.86	342.8	Pg	10:46:41.986	0.7					T__		115.7		___	ML	2.0	5536468	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.86	342.8	Lg	10:46:53.605	0.7					T__				---		5536467	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ABAH	0.93	91.8	Pg	10:46:43.340	0.6					T__		87.5		___	ML	2.0	5536469	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.93	91.8	Lg	10:46:57.462	0.3					T__				---		5536470	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A335A	1.02	277.0	Lg	10:46:58.827	-1.6					T__				---		5536471	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	
2020/06/26	16:56:12.68	1.14	1.46	45.5435	18.2102	4.9	3.9	15	5.8	10.2	210	134	38	0.46	6.75	ke	BUD	16001392	BUD			54	

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.2	84 BUD	16001392

Sta	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	0.46	323.6	Pg	16:56:21.509	-0.6					T__		16584.3		___	ML	3.8	5537245	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.46	323.6	Lg	16:56:27.962	-0.4					T__				---		5537246	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 3.8 magdef=1)																									
(Station ML: 3.8 magdef=1)																									
KOVH	0.55	352.0	Pg	16:56:23.290	-0.6					T__		5825.1		___	ML	3.6	5537131	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

KOVH	0.55	352.0	Lg	16:56:29.821	-1.7	T__			5537132	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
MORH	0.74	24.1	Pg	16:56:27.190	-0.0	T__	8457.8	---	ML	3.8	5537133	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.74	24.1	Lg	16:56:36.927	-1.1	T__		---		5537136	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	0.74	24.1	Sn	16:56:39.077	-0.9	T__		_d		18052324	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=1)																			
A264A	0.89	314.1	Pn	16:56:29.085	-1.4	T__	7757.4	---	ML	3.9	5537137	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.89	314.1	Lg	16:56:41.624	-0.3	T__		---		5537135	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.9 magdef=1)																			
(Station ML: 3.9 magdef=1)																			
A265A	0.93	342.0	Pn	16:56:30.449	-0.4	T__	17112.8	---	ML	4.2	5537134	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.93	342.0	Sn	16:56:44.592	-0.0	T__		---		5537138	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 4.2 magdef=1)																			
(Station ML: 4.2 magdef=0)																			
A266A	0.98	2.2	Pg	16:56:31.743	-0.1	T__	17046.6	---	ML	4.3	5537139	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.98	2.2	Lg	16:56:46.267	0.9	T__		---		5537140	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 4.3 magdef=1)																			
(Station ML: 4.3 magdef=0)																			
HU22A	1.01	39.0	Pg	16:56:32.926	0.6	T__	15746.8	---	ML	4.3	5537141	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.3 magdef=1)																			
(Station ML: 4.3 magdef=0)																			
BLY	1.08	222.8	Pn	16:56:32.672	-0.7	T__	3763.1	---	ML	3.7	5537142	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.08	222.8	Lg	16:56:47.742	0.7	T__		---		5537143	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
FRGS	1.19	108.3	Pg	16:56:35.920	1.1	T__	3089.8	---	ML	3.7	5537144	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
A263A	1.26	330.7	Pn	16:56:34.924	-0.6	T__	8515.0	---	ML	4.1	5537145	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	1.26	330.7	Pg	16:56:37.081	0.0	T__		---		5537146	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
A263A	1.26	330.7	Lg	16:56:53.519	0.0	T__		---		5537147	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 4.1 magdef=1)																			
(Station ML: 4.1 magdef=0)																			
A272A	1.31	23.3	Pg	16:56:38.985	1.1	T__	5401.7	---	ML	4.0	5537247	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.0 magdef=1)																			
(Station ML: 4.0 magdef=0)																			
HU21A	1.32	52.8	Pn	16:56:37.345	1.2	T__	2771.4	---	ML	3.7	5537148	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
BEHE	1.36	313.3	Pn	16:56:36.548	-0.6	T__	5639.0	---	ML	4.0	5537149	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.36	313.3	Lg	16:56:56.753	0.3	T__		---		5537150	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 4.0 magdef=1)																			
(Station ML: 4.0 magdef=0)																			
TIH	1.37	350.9	Pn	16:56:37.152	0.1	T__	9456.6	---	ML	4.2	5537151	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	1.37	350.9	Sn	16:56:55.417	-0.3	T__		---		5537152	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 4.2 magdef=1)																			
(Station ML: 4.2 magdef=0)																			
A267A	1.42	7.6	Pg	16:56:38.598	-1.2	T__	4072.2	---	ML	3.9	5537153	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	1.42	7.6	Lg	16:56:59.757	0.1	T__		---		5537154	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.9 magdef=1)																			
(Station ML: 3.9 magdef=1)																			

HU04A	1.54	34.3	Pg	16:56:43.518	1.1	T__	2455.9	___	ML	3.7	5537155	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
ZAG	1.58	281.1	Pg	16:56:44.900	2.6	T__		---			17607501	FDSN	IR	--	ISC	iLoc	???	???	_
A261A	1.59	332.8	Pn	16:56:40.356	0.3	T__	2700.0	---	ML	3.8	5537156	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	1.59	332.8	Pg	16:56:43.394	0.3	T__		---			5537157	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=1)																			
PTJ	1.61	283.8	Pn	16:56:39.207	-1.9	T__	1758.2	---	ML	3.6	5537249	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.61	283.8	Sn	16:56:58.718	-3.4	T__		---			5537248	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
KOGS	1.64	304.2	Pn	16:56:39.818	-1.1	T__	3810.0	---	ML	4.0	5537158	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.64	304.2	Pg	16:56:43.158	-0.4	T__		---			5537159	FDSN	SL	--	BUD	iLoc	BHZ	???	_
KOGS	1.64	304.2	Lg	16:57:03.988	-0.6	T__		---			5537160	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 4.0 magdef=1)																			
(Station ML: 4.0 magdef=0)																			
A271A	1.67	14.8	Pn	16:56:41.813	0.7	T__	2308.1	---	ML	3.8	5537250	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A271A	1.67	14.8	Pg	16:56:43.851	-0.9	T__		---			5537251	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=1)																			
MPLH	1.69	344.3	Pn	16:56:41.786	0.2	T__	1583.9	---	ML	3.6	5537161	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
A262A	1.76	319.1	Pn	16:56:42.460	-0.1	T__	1233.9	---	ML	3.6	5537162	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
CSKK	1.82	1.1	Pn	16:56:43.690	0.4	T__	1476.4	---	ML	3.7	5537163	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.82	1.1	Sn	16:57:05.559	-1.5	T__		---			5537164	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
GOLS	1.87	285.4	Pn	16:56:43.000	-1.5	T__		---	i		51424791	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	1.95	279.3	Pn	16:56:43.969	-1.7	T__	1057.4	---	ML	3.6	5537165	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.95	279.3	Pg	16:56:49.702	1.0	T__		---			5537166	FDSN	SL	--	BUD	iLoc	BHZ	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
EGYH	1.97	342.4	Pn	16:56:46.020	0.6	T__	1028.6	---	ML	3.6	5537167	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	1.97	342.4	Pg	16:56:50.793	0.5	T__		---			5537168	FDSN	HU	--	BUD	iLoc	HHZ	???	_
EGYH	1.97	342.4	Lg	16:57:18.120	1.9	T__		---			5537169	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
BUD	2.02	15.9	Pn	16:56:47.642	1.6	T__	1680.1	---	ML	3.8	5537173	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BUD	2.02	15.9	Pg	16:56:52.021	0.5	T__		---			5537174	FDSN	HU	--	BUD	iLoc	HHZ	???	_
BUD	2.02	15.9	Lg	16:57:18.545	-1.4	T__		---			5537175	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=1)																			
A260A	2.03	329.7	Pn	16:56:46.049	-0.2	T__	2277.2	---	ML	4.0	5537170	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	2.03	329.7	Pg	16:56:51.703	0.6	T__		---			5537171	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
A260A	2.03	329.7	Lg	16:57:20.424	3.5	T__		---			5537172	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 4.0 magdef=1)																			
(Station ML: 4.0 magdef=0)																			
HU01A	2.05	27.9	Pg	16:56:52.653	0.2	T__	1734.1	---	ML	3.9	5537176	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.9 magdef=1)																			

(Station ML: 3.9 magdef=1																					
BANR	2.06	93.4	Pg	16:56:50.012	-0.5	T__			_d_	18052329	FDSN	IR	--	ISC	iLoc	???	???	_			
BANR	2.06	93.4	Lg	16:57:18.666	-1.9	T__			_d_	18052330	FDSN	IR	--	ISC	iLoc	???	???	_			
HU09A	2.10	3.2	Pn	16:56:48.260	1.1	T__	1980.1		---	ML	4.0	5537177	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU09A	2.10	3.2	Sn	16:57:12.937	-1.0	T__			---			5537178	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 4.0 magdef=1																					
(Station ML: 4.0 magdef=0																					
BSZH	2.26	38.3	Pg	16:56:57.905	1.2	T__	1023.7		---	ML	3.8	5537179	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BSZH	2.26	38.3	Lg	16:57:30.859	2.5	T__			---			5537180	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.8 magdef=1																					
(Station ML: 3.8 magdef=1																					
A339A	2.32	350.7	Pn	16:56:51.160	0.9	T__	738.2		---	ML	3.7	5537181	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A339A	2.32	350.7	Sn	16:57:19.670	0.7	T__			---			5537182	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.7 magdef=1																					
(Station ML: 3.7 magdef=1																					
A003A	2.36	340.6	Pn	16:56:51.547	0.8	T__	829.2		---	ML	3.7	5537183	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.7 magdef=1																					
(Station ML: 3.7 magdef=1																					
HU10A	2.37	13.3	Pn	16:56:51.794	0.9	T__	806.7		---	ML	3.7	5537184	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU10A	2.37	13.3	Lg	16:57:30.298	-1.2	T__			---			5537185	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.7 magdef=1																					
(Station ML: 3.7 magdef=1																					
BZS	2.39	87.0	Pn	16:56:52.486	1.1	T__	333.8		---	ML	3.4	5537188	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
BZS	2.39	87.0	Lg	16:57:27.223	-3.7	T__			_c_	18052334	FDSN	IR	--	ISC	iLoc	???	???	_			
BZS	2.39	87.0	Sg	16:57:31.746	0.8	T__			---			5537189	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.4 magdef=1																					
(Station ML: 3.4 magdef=1																					
SOP	2.42	332.6	Pn	16:56:51.406	-0.3	T__	535.1		---	ML	3.6	5537186	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	2.42	332.6	Sn	16:57:21.573	0.8	T__			---			5537187	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.6 magdef=1																					
(Station ML: 3.6 magdef=1																					
SOKA	2.48	298.3	Pn	16:56:51.435	-1.6	T__	24.0	0.24	_e	ML	2.3	45547089	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: 2.3 magdef=1																					
(Station ML: 2.3 magdef=0																					
SIRR	2.51	72.0	Pg	16:56:58.200	-2.0	T__			---			17607514	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	2.51	72.0	Lg	16:57:37.319	2.0	T__			---			5537196	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
HU23A	2.52	33.1	Pg	16:57:02.978	1.0	T__	861.8		---	ML	3.8	5537192	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.8 magdef=1																					
(Station ML: 3.8 magdef=1																					
ARSA	2.52	313.5	Pn	16:56:52.590	-0.7	T__	547.8		---	ML	3.6	5537190	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	2.52	313.5	Pg	16:57:00.401	1.0	T__			---			5537191	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.6 magdef=1																					
(Station ML: 3.6 magdef=1																					
RONA	2.53	329.2	Pn	16:56:52.960	-0.3	T__	20.0	0.14	_e	ML	2.2	45547088	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: 2.2 magdef=1																					
(Station ML: 2.2 magdef=0																					
HU03A	2.55	21.5	Pn	16:56:53.831	0.6	T__	756.5		---	ML	3.8	5537193	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU03A	2.55	21.5	Pg	16:57:03.115	1.1	T__			---			5537194	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU03A	2.55	21.5	Lg	16:57:37.937	0.6	T__			---			5537195	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.8 magdef=1																					
(Station ML: 3.8 magdef=1																					
MDVR	2.59	105.8	Pn	16:56:57.200	2.8	T__			_c_	18052337	FDSN	IR	--	ISC	iLoc	???	???	_			
ET1H	2.60	25.5	Pn	16:56:53.794	-0.3	T__	361.7		---	ML	3.5	5537197	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	

ET1H	2.60	25.5	Pg	16:57:03.065	-0.3	T__			5537198	FDSN	HU	--	BUD	iLoc	HHZ	???	_			
ET1H	2.60	25.5	Lg	16:57:37.446	-1.9	T__			5537199	FDSN	HU	--	BUD	iLoc	HHN	???	_			
	(Reading ML: 3.5 magdef=1																			
	(Station ML: 3.5 magdef=1																			
PSZ	2.64	25.4	Pn	16:56:54.490	-0.4	T__	710.2	___	ML	3.8	5537200	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	2.64	25.4	Pg	16:57:04.169	-0.2	T__			5537201	FDSN	GE	--	BUD	iLoc	HHZ	???	_			
PSZ	2.64	25.4	Lg	16:57:40.536	-0.6	T__			5537202	FDSN	GE	--	BUD	iLoc	HHZ	???	_			
	(Reading ML: 3.8 magdef=1																			
	(Station ML: 3.8 magdef=1																			
A337A	2.72	354.1	Pn	16:56:56.664	0.9	T__	665.8	___	ML	3.8	5537206	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A337A	2.72	354.1	Sn	16:57:28.428	-0.6	T__			5537207	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
	(Reading ML: 3.8 magdef=1																			
	(Station ML: 3.8 magdef=1																			
A004A	2.72	333.4	Pn	16:56:56.124	0.3	T__	663.7	___	ML	3.8	5537205	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
	(Reading ML: 3.8 magdef=1																			
	(Station ML: 3.8 magdef=1																			
OBKA	2.73	292.0	Pn	16:56:54.934	-1.7	T__	311.7	___	ML	3.5	5537203	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
OBKA	2.73	292.0	Pg	16:56:55.019	-7.2	---	3.9	0.18	___	ML	1.6	45547087	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	2.73	292.0	Lg	16:57:41.078	2.3	T__			5537204	FDSN	OE	--	BUD	iLoc	HHN	???	_			
	(Reading ML: 3.5 magdef=1																			
	(Station ML: 3.5 magdef=1																			
CRNS	2.81	282.4	Pn	16:56:56.390	-1.2	T__			51424790	FDSN	IR	--	ISC	iLoc	???	???	_			
A019A	2.88	312.5	Pn	16:56:57.746	-0.7	T__	273.7	___	ML	3.5	5537208	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
	(Reading ML: 3.5 magdef=1																			
	(Station ML: 3.5 magdef=1																			
CONA	2.88	326.7	Pn	16:56:57.699	-0.6	T__	278.6	___	ML	3.5	5537209	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	2.88	326.7	Sn	16:57:32.691	0.5	T__			5537210	FDSN	OE	--	BUD	iLoc	HHN	???	_			
CONA	2.88	326.7	Lg	16:57:46.631	3.4	T__			5537211	FDSN	OE	--	BUD	iLoc	HHN	???	_			
	(Reading ML: 3.5 magdef=1																			
	(Station ML: 3.5 magdef=1																			
MODS	2.90	347.6	Pn	16:56:58.276	-0.2	T__			5537212	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
MODS	2.90	347.6	Sn	16:57:31.914	-1.8	T__			5537213	FDSN	SK	--	BUD	iLoc	HHN	???	_			
A335A	2.91	1.7	Pn	16:56:59.184	0.7	T__	671.7	___	ML	3.9	5537214	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A335A	2.91	1.7	Sn	16:57:32.566	-1.6	T__			5537215	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
	(Reading ML: 3.9 magdef=1																			
	(Station ML: 3.9 magdef=1																			
WINA	2.95	331.0	Pn	16:56:59.070	-0.0	T__	40.2	0.24	___	ML	2.7	45547093	FDSN	IR	--	ISC	iLoc	???	???	_
	(Reading ML: 2.7 magdef=1																			
	(Station ML: 2.7 magdef=0																			
VYHS	2.98	8.0	Pn	16:57:00.029	0.5	T__	74.7	___	ML	3.0	5537216	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
	(Reading ML: 3.0 magdef=1																			
	(Station ML: 3.0 magdef=0																			
HU02A	3.03	30.8	Pg	16:57:10.383	-1.5	T__	237.6	___	ML	3.6	5537219	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_	
HU02A	3.03	30.8	Lg	16:57:53.936	0.4	T__			5537220	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
	(Reading ML: 3.6 magdef=1																			
	(Station ML: 3.6 magdef=1																			
HERR	3.05	101.1	Pn	16:57:03.770	3.2	T__			18052339	FDSN	IR	--	ISC	iLoc	???	???	_			
VOJS	3.07	280.7	Pn	16:56:59.560	-1.6	T__			51424793	FDSN	IR	--	ISC	iLoc	???	???	_			
A018A	3.08	316.7	Pn	16:57:01.166	0.1	T__	170.2	___	ML	3.4	5537217	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A018A	3.08	316.7	Sn	16:57:38.325	1.6	T__			5537218	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
	(Reading ML: 3.4 magdef=1																			
	(Station ML: 3.4 magdef=1																			
A334A	3.08	353.4	Pn	16:57:01.063	0.1	T__	366.2	___	ML	3.8	5537221	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	

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(Reading ML: 3.8 magdef=1
(Station ML: 3.8 magdef=1
BOVS 3.14 126.1 Pn 16:57:05.050 3.2 T__ _d_ 18052340 FDSN IR -- ISC iLoc ??? ??? _
LTVH 3.15 52.8 Pg 16:57:24.400 11.2 --- --- 17607518 FDSN IR -- ISC iLoc ??? ??? _
A013A 3.17 323.6 Pn 16:57:02.297 0.1 T__ 292.0 --- ML 3.7 5537222 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 3.17 323.6 Sn 16:57:39.328 0.4 T__ --- 5537223 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 3.7 magdef=1
(Station ML: 3.7 magdef=1
PDG 3.20 166.0 Pn 16:57:04.890 1.4 T__ --- 24037281 FDSN IR -- ISC iLoc ??? ??? _
GZR 3.22 91.1 Pn 16:57:05.122 1.9 T__ _c_ 18052341 FDSN IR -- ISC iLoc ??? ??? _
GZR 3.22 91.1 Pg 16:57:07.600 -4.2 T__ --- 17607520 FDSN IR -- ISC iLoc ??? ??? _
GZR 3.22 91.1 Pg 16:57:07.600 -4.2 T__ 0.2 --- ML 0.6 17607585 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
SAB0 3.26 279.3 Pn 16:57:02.150 -1.4 T__ --- 24037272 FDSN IR -- ISC iLoc ??? ??? _
SAB0 3.26 279.3 IAML 16:58:02.920 --- 93.5 --- MLv 6.3 24037323 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 6.3 magdef=1
(Station ML: 6.3 magdef=0
A332A 3.27 3.0 Pn 16:57:03.994 0.4 T__ 367.3 --- ML 3.9 5537224 FDSN Z3 00 BUD iLoc HHZ HHZ _
A332A 3.27 3.0 Sn 16:57:40.479 -2.7 T__ --- 5537225 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.9 magdef=1
(Station ML: 3.9 magdef=1
A008A 3.33 329.1 Pn 16:57:04.283 0.1 T__ 181.3 --- ML 3.6 5537226 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.6 magdef=1
(Station ML: 3.6 magdef=1
KECS 3.33 27.1 Pg 16:57:18.575 1.4 T__ 179.7 --- ML 3.6 5537228 FDSN SK -- BUD iLoc EHN EHZ _
(Reading ML: 3.6 magdef=1
(Station ML: 3.6 magdef=1
JAVC 3.34 353.9 Pn 16:57:04.947 0.2 T__ 146.1 --- ML 3.5 5537227 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 3.5 magdef=1
(Station ML: 3.5 magdef=1
JOS 3.36 27.5 Pn 16:57:05.143 0.6 T__ 129.3 --- ML 3.5 5537230 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 3.36 27.5 Sn 16:57:43.666 -0.1 T__ --- 5537231 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 3.5 magdef=1
(Station ML: 3.5 magdef=1
ROBS 3.36 283.7 Pn 16:57:03.390 -1.6 T__ --- 51424792 FDSN IR -- ISC iLoc ??? ??? _
MYKA 3.36 290.5 Pn 16:57:04.156 -1.3 T__ 1.6 0.14 ---i ML 1.6 45547086 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
PRED 3.36 287.2 Pn 16:57:03.610 -1.7 T__ --- 24037276 FDSN IR -- ISC iLoc ??? ??? _
DRGR 3.37 66.6 Pn 16:57:07.644 2.5 T__ _c_ 18052342 FDSN IR -- ISC iLoc ??? ??? _
A001A 3.37 341.5 Pn 16:57:05.100 0.2 T__ 125.7 --- ML 3.5 5537229 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.5 magdef=1
(Station ML: 3.5 magdef=1
ACOM 3.42 288.7 Pn 16:57:05.400 -1.1 T__ --- 17607544 FDSN IR -- ISC iLoc ??? ??? _
ABAH 3.45 35.9 Pn 16:57:07.177 1.4 T__ 243.0 --- ML 3.8 5537232 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 3.45 35.9 Sn 16:57:46.668 0.8 T__ --- 5537233 FDSN HU -- BUD iLoc HHN ??? _
ABAH 3.45 35.9 Lg 16:58:06.235 -0.3 T__ --- 5537234 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 3.8 magdef=1
(Station ML: 3.8 magdef=1
HU07A 3.53 44.9 Pg 16:57:20.705 0.3 T__ 425.7 --- ML 4.1 5537237 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 4.1 magdef=1
(Station ML: 4.1 magdef=0

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A006A	3.53	335.7	Pn	16:57:06.455	-0.6	T__			399.6	---	ML	4.1	5537235	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A006A	3.53	335.7	Pg	16:57:18.948	-0.2	T__				---			5537236	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 4.1 magdef=1)																						
(Station ML: 4.1 magdef=0)																						
MOA	3.56	311.8	Pn	16:57:07.654	-0.2	T__			10.1	0.18	__i	ML	2.5	45547082	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	3.56	311.8	Sn	16:57:49.252	0.5	T__			32.6	0.28	__i	ML	3.0	45547083	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 3.0 magdef=1)																						
(Station ML: 3.0 magdef=0)																						
MARR	3.60	69.9	Pn	16:57:10.633	2.1	T__					_c_		18052343	FDSN	IR	--	ISC	iLoc	???	???	_	
A331A	3.61	0.1	Pn	16:57:09.319	1.0	T__			121.5		---	ML	3.6	5537238	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	3.61	0.1	Sn	16:57:49.821	-1.9	T__					---		5537239	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 3.6 magdef=1)																						
(Station ML: 3.6 magdef=1)																						
KBA	3.70	296.2	Pn	16:57:08.494	-2.1	T__			1.7	0.20	__i	ML	1.8	45547079	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=0)																						
LANS	3.71	12.9	Pn	16:57:09.799	-0.0	T__					---		5537241	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
KRUC	3.73	341.3	Pn	16:57:09.119	-0.7	T__			84.1		---	ML	3.5	5537240	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	3.73	341.3	Pg	16:57:12.500	-10.4	---					---		17607523	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: 3.5 magdef=1)																						
(Station ML: 3.5 magdef=1)																						
BIOA	3.81	305.9	Pn	16:57:11.014	-0.5	T__			5.2	0.16	__i	ML	2.3	45547074	FDSN	IR	--	ISC	iLoc	???	???	_
BIOA	3.81	305.9	Sn	16:57:55.061	0.2	T__			43.9	0.46	__i	ML	3.2	45547075	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 3.2 magdef=1)																						
(Station ML: 3.2 magdef=1)																						
MAUC	3.83	356.3	Pn	16:57:11.900	0.4	T__					__e		49833713	FDSN	IR	--	ISC	iLoc	???	???	_	
MAUC	3.83	356.3	Sn	16:57:54.500	-3.0	T__					__e		49833714	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	3.91	89.4	Pn	16:57:16.057	2.8	T__					_d		18052346	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	3.92	344.3	Pn	16:57:12.090	-0.5	T__			20.9		---	ML	2.9	5537242	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																						
(Station ML: 2.9 magdef=0)																						
CJR	3.92	70.7	Pn	16:57:15.831	2.8	T__					_c_		18052345	FDSN	IR	--	ISC	iLoc	???	???	_	
TRPA	3.94	47.4	Pg	16:57:28.488	0.5	T__			168.4		---	ML	3.8	5537243	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.8 magdef=1)																						
(Station ML: 3.8 magdef=1)																						
ABTA	4.14	288.9	Pn	16:57:15.219	-1.0	T__			1.0	0.14	__i	ML	1.6	45547072	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=0)																						
PHP	4.18	156.4	Pn	16:57:20.800	3.3	T__					---		17607553	FDSN	IR	--	ISC	iLoc	???	???	_	
TREC	4.18	334.8	Pn	16:57:15.400	-0.9	T__					__e		49833724	FDSN	IR	--	ISC	iLoc	???	???	_	
TREC	4.18	334.8	Pg	16:57:23.300	-7.7	---					---		17607590	FDSN	IR	--	ISC	iLoc	???	???	_	
TREC	4.18	334.8	Sn	16:58:03.600	-0.3	---					__e		49833725	FDSN	IR	--	ISC	iLoc	???	???	_	
SGRT	4.19	206.2	Pn	16:57:16.910	-0.3	T__					---		24037285	FDSN	IR	--	ISC	iLoc	???	???	_	
BMR	4.22	57.8	Pn	16:57:18.869	1.8	T__					_c_		18052348	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	4.22	322.3	Pn	16:57:16.758	0.1	T__			189.3		---	ML	3.9	5537244	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.9 magdef=1)																						
(Station ML: 3.9 magdef=1)																						
MORC	4.26	354.2	Pn	16:57:17.700	0.3	T__					---		17607526	FDSN	IR	--	ISC	iLoc	???	???	_	
LESA	4.26	298.2	Pn	16:57:16.904	-1.2	T__			1.9	0.26	__i	ML	1.9	45547080	FDSN	IR	--	ISC	iLoc	???	???	_
LESA	4.26	298.2	Sn	16:58:08.024	1.9	T__			13.4	0.34	__i	ML	2.8	45547081	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 2.8 magdef=1)																						
(Station ML: 2.8 magdef=0)																						
OKC	4.30	359.5	Pn	16:57:18.100	0.3	T__					__e		49833716	FDSN	IR	--	ISC	iLoc	???	???	_	

OKC	4.30	359.5	Sn	16:58:05.600	-3.2	T__	__e	49833717	FDSN	IR	--	ISC	iLoc	??? ???	_	
STEB	4.40	356.3	Pn	16:57:19.700	0.4	T__	__e	49833722	FDSN	IR	--	ISC	iLoc	??? ???	_	
STEB	4.40	356.3	Sn	16:58:07.800	-3.6	T__	__e	49833723	FDSN	IR	--	ISC	iLoc	??? ???	_	
FDMO	4.45	237.5	Pn	16:57:17.780	-2.3	T__	---	24037289	FDSN	IR	--	ISC	iLoc	??? ???	_	
FDMO	4.45	237.5	IAML	16:58:56.930		---	17.0	___ MLv	5.9	24037303	FDSN	IR	--	ISC	iLoc	??? ???
(Reading ML: 5.9 magdef=1)																
(Station ML: 5.9 magdef=0)																
GEC2	4.51	318.7	Pn	16:57:19.960	-0.9	T__	---	24037279	FDSN	IR	--	ISC	iLoc	??? ???	_	
GERES	4.51	318.7	Pn	16:57:20.530	-0.4	T__	---	24037280	FDSN	IR	--	ISC	iLoc	??? ???	_	
ARR	4.52	89.9	Pn	16:57:23.026	1.2	T__	_d_	18052349	FDSN	IR	--	ISC	iLoc	??? ???	_	
ARR	4.52	89.9		16:57:25.800		---	---	17607555	FDSN	IR	--	ISC	iLoc	??? ???	_	
NRCA	4.56	235.3	Pn	16:57:20.920	-0.7	T__	---	24037290	FDSN	IR	--	ISC	iLoc	??? ???	_	
NRCA	4.56	235.3	IAML	16:58:56.870		---	16.0	___ MLv	5.9	24037315	FDSN	IR	--	ISC	iLoc	??? ???
NRCA	4.56	235.3	IAML	16:59:01.420		---	15.4	___ MLv	5.9	24037316	FDSN	IR	--	ISC	iLoc	??? ???
(Reading ML: 5.9 magdef=1)																
(Station ML: 5.9 magdef=0)																
TEOL	4.61	270.0	Pn	16:57:22.580	0.7	T__	---	24037275	FDSN	IR	--	ISC	iLoc	??? ???	_	
CTI	4.62	278.6	IAML	16:58:54.220		---	30.6	___ MLv	6.2	24037301	FDSN	IR	--	ISC	iLoc	??? ???
CTI	4.62	278.6	IAML	16:58:56.900		---	33.5	___ MLv	6.3	24037302	FDSN	IR	--	ISC	iLoc	??? ???
(Reading ML: 6.3 magdef=1)																
(Station ML: 6.3 magdef=0)																
KRLC	4.64	348.5	Pn	16:57:22.600	-0.0	T__	__e	49833711	FDSN	IR	--	ISC	iLoc	??? ???	_	
KRLC	4.64	348.5	Sn	16:58:14.300	-2.9	T__	__e	49833712	FDSN	IR	--	ISC	iLoc	??? ???	_	
INTR	4.71	223.0	Pn	16:57:22.800	-1.3	T__	---	24037286	FDSN	IR	--	ISC	iLoc	??? ???	_	
ZVC	4.75	326.5	Pn	16:57:22.800	-1.2	T__	__e	49833728	FDSN	IR	--	ISC	iLoc	??? ???	_	
KHC	4.77	320.4	Sn	16:58:20.000	0.9	T__	__e	49833710	FDSN	IR	--	ISC	iLoc	??? ???	_	
OJC	4.80	12.3	Pn	16:57:26.640	1.4	T__	---	24037292	FDSN	IR	--	ISC	iLoc	??? ???	_	
WTTA	4.86	293.1	Pn	16:57:26.233	-0.3	T__	1.2 0.20	__i ML	1.9	45547094	FDSN	IR	--	ISC	iLoc	??? ???
WTTA	4.86	293.1	Sn	16:58:21.489	0.6	T__	7.9 0.44	__i ML	2.7	45547095	FDSN	IR	--	ISC	iLoc	??? ???
(Reading ML: 2.7 magdef=1)																
(Station ML: 2.7 magdef=0)																
WATA	4.92	293.7	Pn	16:57:27.533	0.3	T__	0.9 0.14	__i ML	1.8	45547091	FDSN	IR	--	ISC	iLoc	??? ???
WATA	4.92	293.7	Sn	16:58:22.884	0.8	T__	11.7 0.48	__i ML	2.9	45547092	FDSN	IR	--	ISC	iLoc	??? ???
(Reading ML: 2.9 magdef=1)																
(Station ML: 2.9 magdef=0)																
DPC	4.97	345.9	Pn	16:57:26.800	-0.7	T__	__e	49833706	FDSN	IR	--	ISC	iLoc	??? ???	_	
DPC	4.97	345.9	Sn	16:58:22.700	-3.0	T__	__e	49833707	FDSN	IR	--	ISC	iLoc	??? ???	_	
PRU	5.09	332.2	Pn	16:57:28.500	-0.3	T__	__e	49833720	FDSN	IR	--	ISC	iLoc	??? ???	_	
PRU	5.09	332.2	Sn	16:58:24.500	-0.7	T__	__e	49833721	FDSN	IR	--	ISC	iLoc	??? ???	_	
SQTA	5.13	291.6	Pn	16:57:30.618	0.6	T__	3.7 0.36	__i ML	2.5	45547090	FDSN	IR	--	ISC	iLoc	??? ???
(Reading ML: 2.5 magdef=1)																
(Station ML: 2.5 magdef=0)																
UPC	5.18	344.3	Pn	16:57:29.800	-0.5	T__	__e	49833726	FDSN	IR	--	ISC	iLoc	??? ???	_	
UPC	5.18	344.3	Sn	16:58:27.000	-3.6	T__	__e	49833727	FDSN	IR	--	ISC	iLoc	??? ???	_	
OSTC	5.19	345.8	Pn	16:57:29.900	-0.6	T__	__e	49833718	FDSN	IR	--	ISC	iLoc	??? ???	_	
OSTC	5.19	345.8	Sn	16:58:26.400	-4.9	T__	__e	49833719	FDSN	IR	--	ISC	iLoc	??? ???	_	
MOTA	5.23	292.7	Pn	16:57:30.699	-0.8	T__	2.1 0.32	__i ML	2.2	45547084	FDSN	IR	--	ISC	iLoc	??? ???
MOTA	5.23	292.7	Sn	16:58:30.297	0.8	T__	11.1 0.68	__e ML	3.0	45547085	FDSN	IR	--	ISC	iLoc	??? ???
(Reading ML: 3.0 magdef=1)																
(Station ML: 3.0 magdef=0)																
BUR08	5.26	63.9	Pn	16:57:33.060	0.9	T__	---	24037293	FDSN	IR	--	ISC	iLoc	??? ???	_	
BURAR	5.26	64.3	Pn	16:57:33.553	1.4	T__	_c_	18052350	FDSN	IR	--	ISC	iLoc	??? ???	_	
FETA	5.39	288.6	Pn	16:57:33.122	-0.8	T__	2.2 0.56	__i ML	2.3	45547077	FDSN	IR	--	ISC	iLoc	??? ???

FETA	5.39	288.6	Sn	16:58:34.150	-0.1	T__					2.4	0.54	_i	ML	2.3	45547078	FDSN	IR	--	ISC	iLoc	???	???	_		
(Reading ML: 2.3 magdef=1)																										
(Station ML: 2.3 magdef=0)																										
SALO	5.40	273.5	Pn	16:57:31.940	-1.2	T__										24037282	FDSN	IR	--	ISC	iLoc	???	???	_		
MLR	5.44	87.8	Pn	16:57:36.922	1.9	T__										_c_	18052351	FDSN	IR	--	ISC	iLoc	???	???	_	
PLOR	5.92	84.0	Pn	16:57:43.452	2.0	T__										_d_	18052352	FDSN	IR	--	ISC	iLoc	???	???	_	
KEK	5.94	168.1	Pn	16:57:41.090	-0.1	T__											24037288	FDSN	IR	--	ISC	iLoc	???	???	_	
HSKC	5.99	329.4	Pn	16:57:39.800	-1.8	T__											_e_	49833708	FDSN	IR	--	ISC	iLoc	???	???	_
NKC	6.08	322.5	Pn	16:57:41.600	-0.8	T__											_e_	49833715	FDSN	IR	--	ISC	iLoc	???	???	_
TUE	6.24	281.7	Pn	16:57:45.450	-0.5	T__												24037287	FDSN	IR	--	ISC	iLoc	???	???	_
LIT	6.28	148.5	Pn	16:57:46.990	0.6	T__												24037277	FDSN	IR	--	ISC	iLoc	???	???	_
LIT	6.28	148.5		16:57:47.600		T__												17607559	FDSN	IR	--	ISC	iLoc	???	???	_
GRA1	6.29	313.8	Pn	16:57:44.340	-0.3	T__												24037294	FDSN	IR	--	ISC	iLoc	???	???	_
MOX	6.75	321.5	Pn	16:57:51.700	0.1	T__												17607560	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/06/29	07:04:02.23	2.55	1.56	47.0012	17.9099	7.8	3.9	61	0.0	3.9	7	5	153	0.10	0.94	sx	BUD	16001394	BUD			271

Magnitude Err Nsta Author OrigID

Sta	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	0.10	186.5	Pg	07:04:04.932	0.0					T__		1297.0			ML	1.7	5537402	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.10	186.5	Lg	07:04:05.766	-1.5					T__						5537403	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
MPLH	0.30	303.9	Pg	07:04:08.865	-0.1					T__		140.6			ML	1.3	5537400	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.30	303.9	Lg	07:04:14.605	0.4					T__						5537401	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
A267A	0.40	97.8	Lg	07:04:16.957	-0.5					T__						5537406	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
KOVH	0.92	171.8	Lg	07:04:35.214	1.7					T__						5537404	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	0.94	147.0	Lg	07:04:36.015	1.3					T__						5537405	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
2020/06/29	07:15:51.34	0.90	1.60	48.3891	19.0786	12.8	4.4	18	15.0f		13	8	140	0.19	1.20	sx	BUD	16001396	BUD			165

Magnitude Err Nsta Author OrigID

ML 1.8 0.1 6 BUD 16001396

Sta	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	303.1	Pg	07:15:55.875	-0.3					T__		176.7			ML	1.1	5537439	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.19	303.1	Lg	07:15:59.054	-0.7					T__						5537440	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
A335A	0.50	276.9	Lg	07:16:09.305	-0.2					T__						5537443	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
PSZ	0.72	130.5	Pn	07:16:06.133	0.0					T__		55.2			ML	1.6	5537441	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.72	130.5	Lg	07:16:16.497	-0.8					T__						5537442	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.94	83.7	Pn	07:16:08.942	-0.0					T__		100.3			ML	2.0	5537445	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_

KECS	0.94	83.7	Lg	07:16:23.180	-0.0	T__									5537444	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=0)																							
JOS	0.98	83.2	Pn	07:16:09.933	0.5	T__				57.8					5537436	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.98	83.2	Sn	07:16:23.912	-0.1	T__									5537437	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
HU02A	1.00	104.9	Pn	07:16:12.090	2.2	T__				43.4					5537438	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
JAVC	1.05	297.3	Pn	07:16:12.623	1.7	T__				77.7					5537446	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.05	297.3	Sn	07:16:28.936	2.1	T__									5537447	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
MODS	1.20	269.9	Pn	07:16:16.399	3.4	T__									5537448	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
2020/06/29	07:55:33.99	0.64	0.68	48.0783	20.7240				0.0	0.0	10	0	196	0.14	1.33	kx	BUD	16001398	BUD			
2020/06/29	07:55:32.44	0.94	0.55	48.0750	20.6990f				0.0f		10	6	195	0.13	1.31	kx	BUD_GT	16001399	BUD			268
(locality : Miskolc-Mexikóvölgy Hungary)																						
(description : known quarry blast)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	16001399

Sta	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	07:55:35.482	-0.1					T__		517.7			ML	1.4	5537483	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	07:55:37.864	-0.5					T__						5537484	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.42	58.4	Lg	07:55:47.370	-1.3					T__						5537486	FDSN	HU	--	iLoc	BUD	HHE	???	_	
KECS	0.43	340.8	Pg	07:55:41.981	0.7					T__		119.9			ML	1.6	5537487	FDSN	SK	--	iLoc	BUD	EHE	EHZ	_
KECS	0.43	340.8	Lg	07:55:48.180	0.2					T__						5537488	FDSN	SK	--	iLoc	BUD	EHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.43	345.9	Pg	07:55:41.691	0.4					T__		69.5			ML	1.3	5537481	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.43	345.9	Lg	07:55:47.912	-0.1					T__						5537482	FDSN	ZJ	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.56	254.1	Pg	07:55:44.853	0.2					T__		47.6			ML	1.5	5537485	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.56	254.1	Lg	07:55:53.535	0.0					T__						5537489	FDSN	GE	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VYHS	1.31	289.3	Sn	07:56:16.654	0.2					T__						5537490	FDSN	SK	--	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/06/29	09:24:49.24	1.53	0.87	47.3436	18.4011	14.5	7.6	110	5.3	22.2	7	6	111	0.10	1.19	sx	BUD	16001400	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	
CSKK	0.10	281.6	Pg	09:24:51.833	0.1					T__		1561.3		___	ML	1.8	5537513	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	281.6	Lg	09:24:53.747	-0.2					T__				---		5537514	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HU09A	0.30	357.6	Lg	09:25:00.210	-0.2					T__				---		5537515	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU08A	0.34	285.3	Lg	09:25:01.493	-0.2					T__				---		5537519	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
MORH	1.14	171.5	Lg	09:25:28.141	-0.3					T__				---		5537516	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.16	59.8	Sn	09:25:29.614	1.4					T__				---		5537517	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.19	14.1	Sn	09:25:29.298	0.4					T__				---		5537518	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
2020/06/29	10:00:18.36	1.14	1.03	48.0911	17.0330	8.1	3.5	133	0.0f		19	14	160	0.33	1.72	sx	BUD	16001402	BUD			201

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	5 BUD	16001402

Sta	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	29.9	Pg	10:00:25.793	0.3					T__				---		5537549	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.33	29.9	Lg	10:00:30.216	-1.0					T__				---		5537550	FDSN	SK	--	BUD	iLoc	HHE	???	_	
RONA	0.63	232.0	Pg	10:00:31.215	0.2					T__		0.8	0.10	___	i ML	-0.2	45547607	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.63	232.0	Lg	10:00:39.507	0.0					T__		4.4	0.24	___	e ML	0.5	45547608	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=0)																									
WINA	0.64	271.8	Pg	10:00:31.006	0.0					T__				___	i	45547609	FDSN	IR	--	ISC	iLoc	???	???	_	
WINA	0.64	271.8	Lg	10:00:39.971	0.2					T__				___	e	45547610	FDSN	IR	--	ISC	iLoc	???	???	_	
AO01A	0.70	335.4	Pg	10:00:34.002	1.6					T__		71.3		___	ML	1.7	5537551	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CONA	0.80	258.7	Pg	10:00:33.953	-0.3					T__		44.4		___	ML	1.6	5537547	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.80	258.7	Lg	10:00:43.968	-0.8					T__				---		5537548	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JAVC	0.88	28.7	Pn	10:00:39.085	1.5					T__		59.5		___	ML	1.8	5537552	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KRUC	1.06	336.7	Pg	10:00:38.885	0.2					T__		48.8		___	ML	1.8	5537554	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.06	336.7	Lg	10:00:53.101	-1.3					T__				---		5537555	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
AO13A	1.09	269.2	Lg	10:00:53.118	-0.4					T__				---		5537553	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
VRAC	1.25	346.7	Lg	10:00:58.793	-1.7					T__				---		5537556	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
VYHS	1.27	70.8	Sn	10:01:03.457	1.8					T__				---		5537559	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ARSA	1.32	231.1	Sn	10:01:02.873	0.9					T__				---		5537557	FDSN	OE	--	BUD	iLoc	HHE	???	_	
AO18A	1.36	255.9	Sn	10:01:04.015	0.9					T__				---		5537558	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
AO19A	1.46	244.5	Sn	10:01:07.076	1.1					T__				---		5537560	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MORC	1.72	11.1	Sn	10:01:13.243	0.2					T__				---		5537561	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
2020/06/29	15:13:30.22	2.01	1.76	48.1370	19.6011	13.7	5.6	132	10.0f		6	4	239	0.23	0.72	sx	BUD	16001404	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	
HU03A	0.23	180.2	Pg	15:13:35.910	0.4					T__		658.9		---	ML	1.8	5537586	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.23	180.2	Lg	15:13:39.122	-0.3					T__				---		5537587	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.29	137.9	Pg	15:13:37.522	0.5					T__		380.9		---	ML	1.7	5537584	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.29	137.9	Lg	15:13:40.225	-1.8					T__				---		5537585	FDSN	GE	--	BUD	iLoc	HHE	???	_	
HU02A	0.62	91.0	Lg	15:13:54.174	1.7					T__				---		5537588	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
JOS	0.72	59.8	Lg	15:13:53.380	-1.6					T__				---		5537589	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
2020/06/29	21:18:12.59	0.94	0.86	45.8903	16.0151	7.3	4.7	147	2.6	10.5	21	13	63	0.04	1.68	ke	BUD	16001406	BUD			117

Magnitude Err Nsta Author OrigID
ML 2.1 0.1 8 BUD 16001406

Sta	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	0.04	297.0	Pg	21:18:13.607	-0.3					T__		6336.9		---	ML	2.2	5537629	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	297.0	Lg	21:18:14.550	-0.6					T__				---		5537630	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
ZAG	0.07	197.2	Pg	21:18:14.464	0.3					T__		21563.0		---	ML	2.8	5537631	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=0)																									
CRES	0.40	260.8	Pg	21:18:20.339	0.0					T__				---		5537632	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
CRES	0.40	260.8	Lg	21:18:26.381	0.2					T__				---		5537633	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOGS	0.58	16.2	Pg	21:18:23.833	-0.2					T__				---		5537634	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
KOGS	0.58	16.2	Lg	21:18:31.924	0.3					T__				---		5537635	FDSN	SL	--	BUD	iLoc	BHN	???	_	
BEHE	0.78	42.1	Pg	21:18:28.071	-0.2					T__		374.2		---	ML	2.5	5537636	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.78	42.1	Sn	21:18:41.505	-1.0					T__				---		5537637	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
A264A	0.93	72.7	Pg	21:18:30.929	-0.1					T__		143.9		---	ML	2.2	5537638	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.93	72.7	Lg	21:18:43.716	0.7					T__				---		5537639	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
A262A	1.04	19.8	Sn	21:18:48.454	0.2					T__				---		5537640	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A263A	1.17	49.8	Lg	21:18:52.174	0.9					T__				---		5537641	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
OBKA	1.19	301.8	Pn	21:18:36.085	-0.2					T__		77.8		---	ML	2.1	5537642	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.19	301.8	Lg	21:18:51.269	0.2					T__				---		5537643	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ARSA	1.40	346.2	Pn	21:18:37.882	-0.8					T__		38.3		---	ML	1.9	5537644	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.40	346.2	Lg	21:18:57.875	0.7					T__				---		5537649	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
BLY	1.41	143.7	Pn	21:18:37.890	-0.9					T__		44.2		---	ML	1.9	5537646	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.41	143.7	Lg	21:18:58.551	0.6					T__				---		5537645	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOVH	1.47	81.5	Sn	21:18:56.055	-2.5					T__				---		5537647	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A019A	1.68	338.0	Pg	21:18:44.794	0.9					T__		48.4		---	ML	2.1	5537648	FDSN	Z3	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
2020/06/30	03:38:01.04	1.38	0.59	45.8903	16.0070	8.3	4.5	103	0.7	4.8	14	9	110	0.03	1.47	ke	BUD	16001408	BUD			179

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.2	3 BUD	16001408

Sta	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	301.6	Pg	03:38:02.009	-0.2					T__		3645.4		---	ML	2.0	5537689	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	301.6	Lg	03:38:02.968	-0.4					T__				---		5537690	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
ZAG	0.06	192.4	Pg	03:38:02.860	0.3					T__		8934.1		---	ML	2.4	5537691	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.06	192.4	Lg	03:38:03.533	-0.2					T__				---		5537696	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																									
CRES	0.39	260.7	Pg	03:38:08.655	0.0					T__				---		5537694	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
CRES	0.39	260.7	Lg	03:38:14.789	0.4					T__				---		5537695	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOGS	0.58	16.8	Pg	03:38:12.373	-0.3					T__				---		5537692	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
KOGS	0.58	16.8	Lg	03:38:20.332	0.0					T__				---		5537693	FDSN	SL	--	BUD	iLoc	BHN	???	_	
BEHE	0.79	42.4	Pg	03:38:17.181	0.2					T__		215.2		---	ML	2.3	5537697	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.79	42.4	Sn	03:38:29.948	-1.4					T__				---		5537698	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									
A264A	0.93	72.8	Lg	03:38:32.092	0.1					T__				---		5537699	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
OBKA	1.19	302.0	Lg	03:38:39.520	0.1					T__				---		5537700	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	1.40	346.4	Lg	03:38:46.470	0.8					T__				---		5537701	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KOVH	1.47	81.5	Sn	03:38:47.803	0.2					T__				---		5537702	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
2020/06/30	08:58:25.63	0.95	1.45	46.8887	17.3918	4.7	4.3	119	0.0f		13	10	64	0.18	1.10	sx	BUD	16001410	BUD			114
2020/06/30	08:58:25.49	0.94	1.83	46.8548	17.2699f				0.0f		13	10	79	0.13	1.14	kx	BUD_GT	16001411	BUD			147

(locality : Várvölgy Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.7	2 BUD	16001411

Sta	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	08:58:28.907	0.2					T__		17284.3		---	ML	2.9	5537810	FDSN	Z3	00	iLoc	BUD	HHN	HHZ	_
A261A	0.13	319.5	Lg	08:58:35.422	4.0					T__				---		5537809	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1																									
A263A	0.22	171.8	Lg	08:58:35.514	1.4					T__				---		5537811	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
MPLH	0.37	30.2	Pg	08:58:29.257	-4.1					---		459.4		---	ML	2.0	5537813	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MPLH	0.37	30.2	Lg	08:58:36.528	-3.0					T__				---		5537808	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 2.0 magdef=1																									

(Station ML: 2.0 magdef=1)

TIH	0.43	83.7	Lg	08:58:40.367	-1.1	T__	---	5537802	FDSN	HU	--	iLoc	BUD	HHZ	???	_
EGYH	0.56	4.3	Lg	08:58:45.348	-0.7	T__	---	5537803	FDSN	HU	--	iLoc	BUD	HHE	???	_
HU08A	0.73	37.5	Lg	08:58:50.858	-1.3	T__	---	5537804	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
A266A	0.76	115.3	Lg	08:58:51.263	-0.9	T__	---	5537805	FDSN	Z3	00	iLoc	BUD	HHE	???	_
KOGS	0.81	240.3	Pg	08:58:42.412	0.8	T__	---	5537800	FDSN	SL	--	iLoc	BUD	BHZ	???	_
KOGS	0.81	240.3	Sn	08:58:57.701	1.4	T__	---	5537801	FDSN	SL	--	iLoc	BUD	BHE	???	_
CSKK	0.85	52.7	Lg	08:58:54.929	-1.7	T__	---	5537812	FDSN	HU	--	iLoc	BUD	HHN	???	_
KOVH	0.96	142.9	Lg	08:58:57.141	-1.3	T__	---	5537806	FDSN	HU	--	iLoc	BUD	HHE	???	_
MORH	1.14	123.5	Sn	08:59:03.015	-1.4	T__	---	5537807	FDSN	HU	--	iLoc	BUD	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/06/30	09:58:02.57	1.02	1.50	48.9929	20.3204	7.9	4.1	65	10.0f		11	9	140	0.43	1.27	sx	BUD	16001414	BUD		165	

Magnitude Err Nsta Author OrigID

Sta	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	358.2	Lg	09:58:16.425	-0.7					T__						5537877	FDSN	PL	--	BUD	iLoc	BHE	???	_	
JOS	0.52	163.7	Pg	09:58:13.131	0.1					T__		92.8			ML	1.7	5537875	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	163.7	Lg	09:58:20.112	-0.5					T__						5537874	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
KECS	0.52	167.8	Lg	09:58:19.958	-0.8					T__						5537876	FDSN	SK	--	BUD	iLoc	EHE	???	_	
LANS	0.58	286.0	Lg	09:58:19.740	-2.3					T__						5537880	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.88	171.1	Pn	09:58:20.644	0.5					T__		37.6			ML	1.6	5537881	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.88	171.1	Lg	09:58:34.330	1.2					T__						5537882	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
ABAH	0.93	138.5	Lg	09:58:32.659	-1.1					T__						5537878	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.11	194.9	Sn	09:58:40.501	0.3					T__						5537879	FDSN	GE	--	BUD	iLoc	HHE	???	_	
A332A	1.24	261.9	Lg	09:58:44.508	1.7					T__						5537884	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
OJC	1.27	344.7	Lg	09:58:45.144	2.3					T__						5537883	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
2020/06/30	12:08:17.99	2.31	0.25	48.5076	20.3318	16.6	4.7	146	0.0f		8	4	248	0.11	0.66	sx	BUD	16001416	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	
KECS	0.11	103.4	Pg	12:08:20.526	0.2					T__		1112.9			ML	1.6	5537908	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.11	103.4	Lg	12:08:22.033	-0.3					T__						5537909	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.14	94.8	Pg	12:08:21.097	0.1					T__		637.4			ML	1.5	5537907	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	94.8	Lg	12:08:23.140	-0.3					T__						5537912	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.41	161.4	Pg	12:08:26.952	0.3					T__		49.2			ML	1.1	5537910	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.41	161.4	Lg	12:08:33.316	-0.1					T__						5537911	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	


```

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.66 206.5 Pg 12:08:32.047 -0.0 T__ 68.1 ___ ML 1.7 5537913 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.66 206.5 Lg 12:08:41.938 -0.2 T__ ___ 5537914 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
2020/06/30 19:52:05.47 1.02 0.66 45.9057 16.0006 8.9 3.4 150 0.0f 16 9 113 0.02 1.38 ke BUD 16001418 BUD 184

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.2 6 BUD 16001418

```

```

Sta 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 0.02 273.2 Pg 19:52:06.396 -0.2 T__ 4543.9 ___ ML 2.0 5537951 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.02 273.2 Lg 19:52:07.401 -0.3 T__ ___ 5537952 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ZAG 0.08 186.9 Pg 19:52:07.256 -0.1 T__ 11077.1 ___ ML 2.6 5537953 FDSN CR -- BUD iLoc BHZ BHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
CRES 0.39 258.3 Pg 19:52:13.069 0.0 T__ ___ 5537954 FDSN SL -- BUD iLoc BHZ ??? _
CRES 0.39 258.3 Lg 19:52:19.636 0.8 T__ ___ 5537955 FDSN SL -- BUD iLoc BHN ??? _
KOGS 0.57 17.6 Pg 19:52:16.615 -0.4 T__ ___ 5537956 FDSN SL -- BUD iLoc BHZ ??? _
KOGS 0.57 17.6 Lg 19:52:24.706 -0.1 T__ ___ 5537957 FDSN SL -- BUD iLoc BHN ??? _
BEHE 0.78 43.4 Pg 19:52:21.893 0.4 T__ 202.5 ___ ML 2.2 5537958 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.78 43.4 Lg 19:52:33.718 1.4 T__ ___ 5537959 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A264A 0.93 73.7 Pg 19:52:24.135 -0.3 T__ 111.0 ___ ML 2.1 5537960 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.93 73.7 Lg 19:52:36.311 -0.7 T__ ___ 5537961 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A262A 1.03 20.6 Sn 19:52:41.941 0.3 T__ ___ 5537962 FDSN Z3 00 BUD iLoc HHE ??? _
OBKA 1.18 301.4 Pn 19:52:28.946 -0.4 T__ 31.2 ___ ML 1.6 5537963 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.18 301.4 Lg 19:52:43.900 0.4 T__ ___ 5537964 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
ARSA 1.38 346.4 Pn 19:52:31.874 0.1 T__ 32.7 ___ ML 1.8 5537965 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.38 346.4 Sn 19:52:49.337 -1.2 T__ ___ 5537966 FDSN OE -- 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
2020/07/01 04:02:58.61 0.92 0.84 45.8872 16.0319 7.5 4.6 129 2.1 11.8 32 19 63 0.05 2.50 ke BUD 16001420 BUD 126

```

```

Magnitude Err Nsta Author OrigID
ML 2.5 0.3 14 BUD 16001420

```

```

Sta 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	0.05	294.0	Pg	04:02:59.760	-0.4	T__	20784.1	___	ML	2.8	5538031	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.05	294.0	Lg	04:03:00.699	-0.8	T__		---			5538032	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
ZAG	0.07	207.5	Pg	04:03:00.620	0.4	T__	54674.2	___	ML	3.2	5538033	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	207.5	Lg	04:03:02.564	1.2	T__		---			5538034	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=0)																			
CRES	0.41	261.5	Pg	04:03:06.475	-0.1	T__		---			5538035	FDSN	SL	--	BUD	iLoc	BHZ	???	_
CRES	0.41	261.5	Lg	04:03:12.996	0.5	T__		---			5538036	FDSN	SL	--	BUD	iLoc	BHN	???	_
KOGS	0.58	15.1	Pg	04:03:09.962	-0.1	T__		---			5538037	FDSN	SL	--	BUD	iLoc	BHZ	???	_
KOGS	0.58	15.1	Lg	04:03:18.040	0.4	T__		---			5538038	FDSN	SL	--	BUD	iLoc	BHN	???	_
BEHE	0.78	41.3	Pg	04:03:14.098	-0.1	T__	874.7	___	ML	2.9	5538039	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.78	41.3	Sn	04:03:27.706	-0.7	T__		---			5538040	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
A263A	1.17	49.3	Pn	04:03:20.545	-0.5	T__	235.5	___	ML	2.5	5538041	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	1.17	49.3	Lg	04:03:38.153	1.1	T__		---			5538042	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
OBKA	1.20	301.7	Pn	04:03:22.163	-0.4	T__	125.4	___	ML	2.3	5538043	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.20	301.7	Lg	04:03:37.320	-0.2	T__		---			5538044	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A261A	1.32	35.6	Pn	04:03:22.428	-0.7	T__	285.4	___	ML	2.7	5538045	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A265A	1.34	65.7	Sn	04:03:40.013	-1.5	T__		---			5538046	FDSN	Z3	00	BUD	iLoc	HHN	???	_
BLY	1.40	144.1	Pg	04:03:25.014	0.2	T__	100.6	___	ML	2.3	5538048	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.40	144.1	Lg	04:03:44.086	0.4	T__		---			5538049	FDSN	MN	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
ARSA	1.41	345.8	Pn	04:03:24.312	-0.5	T__	60.2	___	ML	2.1	5538047	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
KOVH	1.46	81.3	Pn	04:03:23.591	-1.4	T__	95.7	___	ML	2.3	5538050	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.46	81.3	Pg	04:03:26.375	-0.1	T__		---			5538051	FDSN	HU	--	BUD	iLoc	HHZ	???	_
KOVH	1.46	81.3	Sn	04:03:42.245	-2.2	T__		---			5538052	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
MPLH	1.65	38.5	Pn	04:03:26.716	-1.1	T__	70.0	___	ML	2.3	5538053	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.65	38.5	Sn	04:03:50.367	1.1	T__		---			5538054	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A266A	1.68	66.8	Lg	04:03:53.987	1.0	T__		---			5538055	FDSN	Z3	00	BUD	iLoc	HHE	???	_
EGYH	1.77	29.9	Sn	04:03:52.228	0.1	T__		---			5538056	FDSN	HU	--	BUD	iLoc	HHN	???	_
SOP	1.83	11.2	Pg	04:03:33.047	-0.1	T__	109.2	___	ML	2.6	5538057	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
CONA	2.05	356.8	Pn	04:03:33.607	-0.2	T__	41.1	___	ML	2.3	5538058	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	2.05	356.8	Pg	04:03:37.994	1.1	T__		---			5538059	FDSN	OE	--	BUD	iLoc	HHZ	???	_
CONA	2.05	356.8	Sn	04:03:59.312	-0.3	T__		---			5538060	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			

```
(Station ML: 2.3 magdef=0
A013A 2.22 349.1 Pn 04:03:36.350 0.3 T__ 52.6 ___ ML 2.5 5538061 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A008A 2.50 354.2 Pn 04:03:40.229 0.5 T__ 39.8 ___ ML 2.5 5538062 FDSN Z3 00 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
2020/07/01 08:37:31.34 0.65 1.06 48.2552 21.2991 0.0 0.0 10 0 207 0.06 1.00 kx BUD 16001422 BUD
2020/07/01 08:37:30.38 0.94 0.90 48.2470 21.2460f 0.0f 10 6 206 0.05 0.97 kx BUD_GT 16001423 BUD 255
(locality : Tálya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)
```

```
Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 16001423
```

```
Sta 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 08:37:32.331 0.4 T__ 6267.3 ___ ML 2.2 5538200 FDSN HU -- iLoc BUD HHZ HHZ _
ABAH 0.05 355.1 Lg 08:37:33.907 0.4 T__ ___ 5538201 FDSN HU -- iLoc BUD HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU02A 0.50 255.8 Pg 08:37:40.297 -0.7 T__ 42.9 ___ ML 1.3 5538202 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU02A 0.50 255.8 Lg 08:37:47.246 -1.8 T__ ___ 5538205 FDSN ZJ 00 iLoc BUD HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
JOS 0.53 298.1 Pg 08:37:41.493 0.4 T__ 58.6 ___ ML 1.5 5538203 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 0.53 298.1 Lg 08:37:49.163 -0.1 T__ ___ 5538204 FDSN ZJ -- iLoc BUD HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.56 295.3 Lg 08:37:49.155 -1.1 T__ ___ 5538206 FDSN SK -- iLoc BUD EHN ??? _
PSZ 0.96 250.6 Pg 08:37:52.082 1.4 T__ 47.1 ___ ML 1.7 5538207 FDSN GE -- iLoc BUD HHZ HHZ _
PSZ 0.96 250.6 Lg 08:38:05.220 0.1 T__ ___ 5538208 FDSN GE -- iLoc BUD HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOLS 0.97 44.4 Pg 08:37:49.140 0.3 T__ 6397.6 ___ ML 3.8 5538209 FDSN SK -- iLoc BUD HHZ HHZ _
(Reading ML: 3.8 magdef=1
(Station ML: 3.8 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
2020/07/01 09:44:42.69 1.94 0.73 48.5419 20.7780 13.0 5.7 20 0.0f 9 6 214 0.17 1.25 sx BUD 16001424 BUD 234
```

```
Magnitude Err Nsta Author OrigID
ML 1.3 0.2 3 BUD 16001424
```

```
Sta 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 0.17 253.9 Pg 09:44:46.067 -0.1 T__ 362.2 ___ ML 1.3 5538238 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 253.9 Lg 09:44:49.025 0.0 T__ ___ 5538239 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
```

```

(Station ML: 1.3 magdef=1
KECS 0.20 253.3 Lg 09:44:50.974 0.7 T__ --- 5538244 FDSN SK -- BUD iLoc EHE ??? _
ABAH 0.39 128.5 Lg 09:44:58.047 0.4 T__ --- 5538245 FDSN HU -- BUD iLoc HHE ??? _
HU02A 0.45 202.0 Pg 09:44:52.220 -0.1 T__ 42.8 --- ML 1.2 5538240 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 202.0 Lg 09:44:59.766 0.1 T__ --- 5538241 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.86 223.8 Pn 09:45:01.021 -0.1 T__ 45.2 --- ML 1.6 5538242 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.86 223.8 Lg 09:45:13.558 -0.2 T__ --- 5538243 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
TRPA 1.25 108.7 Sn 09:45:23.568 -1.6 T__ --- 5538246 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
2020/07/01 10:47:56.17 2.48 0.59 48.0315 20.5392 23.4 7.2 127 10.0f 7 4 255 0.09 0.46 sx BUD 16001426 BUD 353

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.3 3 BUD 16001426

```

```

Sta 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 0.09 354.0 Pg 10:47:59.261 0.1 T__ 356.2 --- ML 1.1 5538269 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.09 354.0 Lg 10:48:00.824 -0.8 T__ --- 5538270 FDSN ZJ 00 BUD iLoc HHE ??? _
PSZ 0.45 255.6 Lg 10:48:12.814 -0.2 T__ --- 5538273 FDSN GE -- BUD iLoc HHE ??? _
KECS 0.45 355.5 Pg 10:48:05.940 0.5 T__ 93.7 --- ML 1.5 5538274 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.45 355.5 Lg 10:48:12.041 -0.2 T__ --- 5538275 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.46 0.0 Pg 10:48:05.974 0.5 T__ 19.2 --- ML 0.9 5538271 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.46 0.0 Lg 10:48:12.039 -0.5 T__ --- 5538272 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
2020/07/02 08:41:15.11 0.31 1.17 48.2808 21.2036 0.0 0.0 12 0 126 0.03 0.96 kx BUD 16001428 BUD
2020/07/02 08:41:12.68 0.93 0.77 48.2470 21.2460f 0.0f 12 8 130 0.05 0.97 kx BUD_GT 16001429 BUD 183

```

```

(locality : Táillya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 16001429

```

```

Sta 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 08:41:14.546 0.3 T__ 9986.2 --- ML 2.4 5538305 FDSN HU -- iLoc BUD HHZ HHZ _
ABAH 0.05 355.1 Lg 08:41:15.643 -0.2 T__ --- 5538306 FDSN HU -- iLoc BUD HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
HU02A 0.50 255.8 Pg 08:41:22.670 -0.6 T__ 48.5 --- ML 1.4 5538307 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU02A 0.50 255.8 Lg 08:41:30.682 -0.7 T__ --- 5538308 FDSN ZJ 00 iLoc BUD HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
JOS 0.53 298.1 Pg 08:41:23.728 0.3 T__ 55.7 --- ML 1.5 5538309 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 0.53 298.1 Lg 08:41:31.169 -0.4 T__ --- 5538310 FDSN ZJ -- iLoc BUD HHZ ??? _
(Reading ML: 1.5 magdef=1

```

```

(Station ML: 1.5 magdef=1
KECS 0.56 295.3 Pg 08:41:24.349 0.4 T__ 117.3 --- ML 1.9 5538312 FDSN SK -- iLoc BUD EHE EHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
TRPA 0.87 97.2 Lg 08:41:43.607 -0.5 T__ --- 5538311 FDSN HU -- iLoc BUD HHE ??? _
HU23A 0.90 228.1 Lg 08:41:46.285 1.0 T__ --- 5538313 FDSN ZJ 00 iLoc BUD HHN ??? _
PSZ 0.96 250.6 Pn 08:41:32.868 0.4 T__ 44.6 --- ML 1.7 5538315 FDSN GE -- iLoc BUD HHZ HHZ _
PSZ 0.96 250.6 Lg 08:41:46.371 -1.1 T__ --- 5538314 FDSN GE -- iLoc BUD HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOLS 0.97 44.4 Lg 08:41:48.565 1.6 T__ --- 5538316 FDSN SK -- iLoc BUD HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/07/02 08:54:28.69 1.23 1.29 47.3629 18.3617 7.1 6.1 93 0.0f 9 6 109 0.07 1.29 sx BUD 16001430 BUD 167

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.2 3 BUD 16001430

```

```

Sta 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 0.07 270.2 Pg 08:54:30.604 -0.1 T__ 1111.6 --- ML 1.5 5538356 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 270.2 Lg 08:54:32.416 -0.4 T__ --- 5538357 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU09A 0.28 2.9 Lg 08:54:39.824 -0.1 T__ --- 5538358 FDSN ZJ 00 BUD iLoc HHE ??? _
MPLH 0.59 251.3 Lg 08:54:50.696 0.7 T__ --- 5538362 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.16 170.3 Pn 08:54:51.567 0.7 T__ 17.0 --- ML 1.4 5538363 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.16 170.3 Lg 08:55:07.815 -2.0 T__ --- 5538359 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 1.18 61.2 Sn 08:55:09.837 0.1 T__ --- 5538360 FDSN GE -- BUD iLoc HHE ??? _
KOVH 1.29 188.1 Pg 08:54:55.350 1.1 T__ 38.6 --- ML 1.8 5538364 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.29 188.1 Sn 08:55:09.699 -1.9 T__ --- 5538361 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
2020/07/02 08:56:04.61 0.98 0.80 47.3620 18.3937 6.2 3.7 140 0.0f 15 11 68 0.09 1.80 sx BUD 16001432 BUD 110

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 16001432

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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 0.09 270.8 Pg 08:56:06.928 -0.2 T__ 4863.1 --- ML 2.2 5538397 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.09 270.8 Lg 08:56:08.911 -0.6 T__ --- 5538398 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU09A 0.28 358.4 Pg 08:56:10.550 -0.1 T__ 554.0 --- ML 1.8 5538409 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.28 358.4 Lg 08:56:16.004 0.2 T__ --- 5538399 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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MPLH	0.61	252.1	Pg	08:56:17.833	0.6	T__	49.3	---	ML	1.5	5538410	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.61	252.1	Lg	08:56:26.049	-0.5	T__		---			5538404	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
HU10A	0.64	40.9	Lg	08:56:28.142	-0.4	T__		---			5538400	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU04A	0.92	126.2	Lg	08:56:37.647	-0.5	T__		---			5538405	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A335A	1.09	358.0	Sn	08:56:42.983	-0.3	T__		---			5538406	FDSN	Z3	00	BUD	iLoc	HHN	???	_
PSZ	1.16	60.7	Pn	08:56:27.738	0.6	T__	40.6	---	ML	1.8	5538411	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.16	60.7	Sn	08:56:45.263	0.1	T__		---			5538402	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
MORH	1.16	171.4	Sn	08:56:43.352	-1.0	T__		---			5538401	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	1.29	189.1	Sn	08:56:48.734	1.1	T__		---			5538403	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU02A	1.63	61.3	Sn	08:56:58.035	1.8	T__		---			5538407	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
CONA	1.80	289.2	Sn	08:57:00.894	0.3	T__		---			5538408	FDSN	OE	--	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
2020/07/02	09:21:19.56	2.82	1.93	48.7941	21.1036	30.7	16.1	134	0.0f		6	3	336	0.48	0.77	sx	BUD	16001434	BUD			358

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.6	3 BUD	16001434

Sta	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	0.48	231.6	Pn	09:21:33.513	-0.1					T__		133.4			ML	1.8	5538437	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	231.6	Lg	09:21:37.007	0.6					T__						5538438	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.51	233.0	Pn	09:21:33.993	-0.2					T__		279.8			ML	2.2	5538435	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.51	233.0	Lg	09:21:37.355	-0.3					T__						5538436	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU02A	0.77	210.0	Pn	09:21:39.924	3.2					T__		26.2			ML	1.3	5538440	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.77	210.0	Lg	09:21:47.108	-0.4					T__						5538439	FDSN	ZJ	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
2020/07/02	09:47:52.45	1.37	1.09	47.2516	18.2912	10.9	6.6	94	0.0f		5	4	108	0.11	1.27	sx	BUD	16001436	BUD			203

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	0.11	349.4	Pg	09:47:55.515	0.1					T__		236.2			ML	1.0	5538481	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
CSKK	0.11	349.4	Lg	09:47:57.948	-0.2					T__						5538482	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.52	261.3	Lg	09:48:11.249	-0.1					T__						5538483	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	1.06	166.7	Lg	09:48:29.046	-0.1					T__						5538484	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.27	57.8	Sn	09:48:34.293	-1.5					T__						5538485	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
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2020/07/03 06:23:06.81 3.30 1.23 47.1439 17.8787 25.4 5.4 141 0.0f 5 3 270 0.23 0.46 sx BUD 16001438 BUD 330

Magnitude Err Nsta Author OrigID
ML 1.6 0.5 3 BUD 16001438

Sta	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	276.6	Pg	06:23:12.155	0.1					T__		182.6		---	ML	1.2	5538608	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.23	276.6	Lg	06:23:15.718	-0.6					T__				---		5538605	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU08A	0.29	6.1	Pg	06:23:13.555	0.4					T__		292.1		---	ML	1.6	5538606	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.29	6.1	Lg	06:23:17.224	-1.2					T__				---		5538607	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
EGYH	0.46	306.5	Pg	06:23:17.523	1.0					T__		478.0		---	ML	2.3	5538609	FDSN	HU	--	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
2020/07/03 08:06:22.49 3.62 0.42 46.9088 22.7553 74.6 19.0 96 0.0f 7 4 207 0.12 1.52 sx BUD 16001440 BUD 327

Magnitude Err Nsta Author OrigID
ML 1.6 0.3 3 BUD 16001440

Sta	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	194.5	Pg	08:06:25.257	-0.0					T__		466.0		---	ML	1.3	5538632	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	0.12	194.5	Lg	08:06:27.808	0.1					T__				---		5538633	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																										
HU07A	1.22	332.3	Sn	08:07:04.288	0.3					T__				---		5538636	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
BZS	1.51	211.8	Pn	08:06:49.941	-0.1					T__		20.1		---	ML	1.6	5538637	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
BZS	1.51	211.8	Sn	08:07:10.744	-0.3					T__				---		5538638	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																										
GZR	1.52	179.4	Pn	08:06:50.768	0.4					T__		31.1		---	ML	1.8	5538634	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	1.52	179.4	Sn	08:07:11.033	-0.6					T__				---		5538635	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
2020/07/03 08:17:46.01 1.43 0.15 47.4104 18.4123 14.0 4.9 133 0.0f 6 5 109 0.11 1.21 sx BUD 16001444 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	
CSKK	0.11	245.4	Pg	08:17:48.892	-0.0					T__		997.8		---	ML	1.6	5538718	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	245.4	Lg	08:17:51.719	0.0					T__				---		5538719	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HU09A	0.23	354.9	Lg	08:17:55.572	0.0					T__				---		5538716	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU10A	0.60	43.1	Lg	08:18:08.381	0.0					T__				---		5538717	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
PSZ	1.12	62.6	Sn	08:18:25.627	-0.1					T__				---		5538720	FDSN	GE	--	BUD	iLoc	HHE	???	_	
MORH	1.21	172.4	Sn	08:18:27.142	0.2					T__				---		5538721	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
2020/07/03 09:29:43.11 1.08 1.05 48.7087 21.7115 22.4 4.8 154 0.0f 9 6 163 0.43 1.45 sx BUD 16001446 BUD 322

Magnitude Err Nsta Author OrigID
ML 2.0 0.1 4 BUD 16001446

Sta	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	0.43	58.6	Pg	09:29:51.617	-0.0					T__		24688.0		---	ML	3.9 5538751	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.9 magdef=1 Station ML: 3.9 magdef=1)																								
ABAH	0.52	217.4	Lg	09:30:03.406	1.0					T__						5538750	FDSN	HU	--	BUD	iLoc	HHN	???	_
JOS	0.81	255.1	Pg	09:29:58.857	-0.2					T__		89.6		---	ML	1.9 5538743	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.81	255.1	Lg	09:30:11.913	0.8					T__						5538744	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
KECS	0.84	255.0	Pg	09:29:59.798	-0.1					T__		131.3		---	ML	2.1 5538748	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.84	255.0	Lg	09:30:13.379	0.9					T__						5538747	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
HU02A	0.98	233.8	Pn	09:30:01.891	-1.3					T__		74.4		---	ML	1.9 5538745	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	233.8	Lg	09:30:16.760	-1.5					T__						5538746	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
PSZ	1.45	237.6	Sn	09:30:30.485	-0.4					T__						5538749	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
2020/07/03	09:56:21.46	1.08	1.29	48.4868	19.6260	6.6	5.0	34	10.0f		7	5	105	0.60	0.86	sx	BUD	16001448	BUD		188	

Magnitude Err Nsta Author OrigID

Sta	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	0.60	162.4	Lg	09:56:41.703	-1.5					T__						5538779	FDSN	GE	--	BUD	iLoc	HHE	???	_
JOS	0.61	88.8	Pg	09:56:34.216	0.6					T__		35.9		---	ML	1.4 5538775	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	88.8	Lg	09:56:43.016	0.7					T__						5538776	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
LANS	0.67	351.1	Lg	09:56:42.278	-1.6					T__						5538780	FDSN	SK	--	BUD	iLoc	EHE	???	_
HU02A	0.70	121.0	Pg	09:56:36.055	0.1					T__		30.8		---	ML	1.4 5538777	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.70	121.0	Lg	09:56:45.715	-0.5					T__						5538778	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
A335A	0.86	267.8	Lg	09:56:52.109	0.9					T__						5538781	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
2020/07/03	10:07:16.99	1.14	2.57	48.7653	20.0619	11.1	5.1	45	10.0f		9	7	165	0.40	1.60	sx	BUD	16001450	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
KECS	0.40	135.0	Pg	10:07:24.971	-0.2					T__		129.6		---	ML	1.5 5538804	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.40	135.0	Lg	10:07:30.678	-0.6					T__						5538808	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																								
JOS	0.42	130.2	Pg	10:07:25.215	-0.3					T__		64.3		---	ML	1.3 5538805	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.42	130.2	Lg	10:07:31.198	-0.5					T__						5538809	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								

(Station ML: 1.3 magdef=0

LANS	0.55	314.8	Lg	10:07:35.413	-0.1	T__									5538803	FDSN	SK	--	BUD	iLoc	EHE	???	_
HU02A	0.71	154.2	Lg	10:07:42.657	0.5	T__									5538806	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
PSZ	0.85	187.6	Lg	10:07:47.175	-0.1	T__									5538807	FDSN	GE	--	BUD	iLoc	HHE	???	_
ABAH	0.91	120.5	Lg	10:07:50.001	2.1	T__									5538810	FDSN	HU	--	BUD	iLoc	HHE	???	_
A337A	1.60	251.8	Sn	10:08:12.216	5.9	T__									5538811	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
2020/07/03	10:39:11.30	1.52	1.16	48.1925	21.5102	12.5	7.4	0	0.0f		9	6	169	0.21	0.90	sx	BUD	16001452	BUD		230	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	3 BUD	16001452

Sta	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	299.9	Pg	10:39:16.965	1.0					T__		311.8			ML	1.4	5538839	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.21	299.9	Lg	10:39:19.468	-0.5					T__						5538838	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.66	264.3	Pg	10:39:25.063	-0.1					T__		26.5			ML	1.3	5538837	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.66	264.3	Lg	10:39:35.676	0.0					T__						5538836	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
TRPA	0.69	94.8	Lg	10:39:36.486	-0.2					T__						5538842	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.72	295.5	Pg	10:39:25.105	-0.5					T__		26.0			ML	1.3	5538840	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.72	295.5	Lg	10:39:35.204	-1.2					T__						5538835	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.74	293.4	Lg	10:39:37.095	-0.3					T__						5538834	FDSN	SK	--	BUD	iLoc	EHE	???	_	
KOLS	0.90	34.1	Lg	10:39:40.819	-2.2					T__						5538841	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
2020/07/04	11:51:53.53	1.22	1.25	48.4910	20.7908	8.9	3.7	17	0.0f		9	5	211	0.17	0.83	sx	BUD	16001454	BUD		294	

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.2	4 BUD	16001454

Sta	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	271.7	Pg	11:51:56.777	-0.3					T__		184.0			ML	1.0	5538868	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	271.7	Lg	11:52:00.369	0.4					T__						5538869	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.20	267.9	Pg	11:51:57.211	-0.6					T__		271.8			ML	1.3	5538872	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	267.9	Lg	11:52:01.814	0.6					T__						5538873	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.36	122.9	Pg	11:52:01.138	0.2					T__		28.0			ML	0.7	5538870	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.36	122.9	Lg	11:52:06.313	-1.0					T__						5538871	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
HU02A	0.41	205.8	Pg	11:52:01.017	-1.3					T__		22.5			ML	0.8	5538874	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU02A	0.41	205.8	Lg	11:52:10.029	1.0	T__	---	5538875	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 0.8 magdef=1)																
(Station ML: 0.8 magdef=1)																
PSZ	0.83	226.6	Lg	11:52:25.784	2.2	T__	---	5538876	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
2020/07/04	19:03:35.90	1.76	1.18	45.5757	18.1618	15.2	8.5	119	15.0f	7	5	192	0.51	1.22	ke	BUD	16001456	BUD			286	

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	0.51	355.2	Pg	19:03:46.043	-0.4					T__		33.4		---	ML	1.3	5538900	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.51	355.2	Lg	19:03:52.867	-0.7					T__				---		5538901	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	0.72	27.6	Pn	19:03:50.143	0.0					T__		37.2		---	ML	1.5	5538902	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.72	27.6	Lg	19:04:01.923	1.2					T__				---		5538903	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A264A	0.84	314.1	Lg	19:04:04.086	0.7					T__				---		5538904	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
BLY	1.08	220.3	Lg	19:04:10.224	0.3					T__				---		5538905	FDSN	MN	--	BUD	iLoc	HHN	???	_	
A263A	1.22	331.4	Lg	19:04:16.810	1.7					T__				---		5538906	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	
2020/07/04	23:16:51.89	0.91	0.98	46.7810	19.3823	5.2	3.6	54	6.0	0.7	17	11	87	0.07	1.32	ke	BUD	16001458	BUD			136	

Magnitude	Err	Nsta	Author	OrigID
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ML	1.4	0.0	7 BUD	16001458
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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	
HU04A	0.07	64.6	Pg	23:16:54.169	0.2					T__		821.9		---	ML	1.4	5538974	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04A	0.07	64.6	Lg	23:16:55.938	0.1					T__				---		5538975	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A272A	0.29	262.9	Pg	23:16:58.415	0.4					T__		105.4		---	ML	1.1	5538972	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A272A	0.29	262.9	Lg	23:17:02.985	0.1					T__				---		5538973	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU22A	0.49	201.0	Pg	23:17:01.743	0.0					T__		88.7		---	ML	1.6	5538978	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.49	201.0	Lg	23:17:09.281	-0.3					T__				---		5538979	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU21A	0.51	151.8	Pg	23:17:02.328	0.1					T__		58.6		---	ML	1.5	5538982	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU21A	0.51	151.8	Lg	23:17:09.759	-0.7					T__				---		5538983	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A271A	0.53	315.1	Pg	23:17:03.692	1.0					T__		104.8		---	ML	1.8	5538980	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A271A	0.53	315.1	Lg	23:17:08.535	-2.7					T__				---		5538981	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
A267A	0.64	285.3	Lg	23:17:14.269	-0.4					T__				---		5538987	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MORH	0.76	222.3	Pg	23:17:07.449	0.3					T__		21.8		---	ML	1.3	5538976	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.76	222.3	Lg	23:17:18.259	0.1					T__				---		5538977	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									

```

(Station ML: 1.3 magdef=1
HU10A 1.09 347.0 Sn 23:17:27.184 -0.9 T__
KOVH 1.13 232.5 Pn 23:17:14.064 1.5 T__
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 1.19 16.8 Sn 23:17:31.283 0.5 T__
MPLH 1.32 287.8 Sn 23:17:34.026 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
2020/07/05 20:49:03.18 1.45 1.24 47.6048 19.4844 10.4 4.4 156 13.2 10.7 9 6 195 0.31 0.87 ke BUD 16001460 BUD 245

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```

Magnitude Err Nsta Author OrigID
ML 1.0 0.0 3 BUD 16001460

```

```

Sta 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 0.31 14.5 Pn 20:49:11.870 -1.5 T__ 71.3 ___ ML 1.0 5539024 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.31 14.5 Lg 20:49:13.840 -1.2 T__ ___ 5539025 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
BUD 0.33 248.9 Lg 20:49:15.866 -0.4 T__ ___ 5539028 FDSN HU -- BUD iLoc HHE ??? _
HU10A 0.40 307.6 Pn 20:49:14.858 0.3 T__ 35.3 ___ ML 0.9 5539026 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.40 307.6 Lg 20:49:19.528 1.4 T__ ___ 5539027 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
PSZ 0.42 41.2 Pn 20:49:15.433 0.6 T__ 32.0 ___ ML 1.0 5539022 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.42 41.2 Lg 20:49:20.102 0.9 T__ ___ 5539023 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A338A 0.87 298.7 Lg 20:49:33.866 -0.2 T__ ___ 5539029 FDSN Z3 00 BUD iLoc HH3 ??? _
HU02A 0.87 53.2 Lg 20:49:34.515 0.8 T__ ___ 5539030 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
2020/07/06 07:25:54.67 0.64 0.60 48.0633 20.7130 0.0 0.0 9 0 199 0.14 0.57 kx BUD 16001462 BUD
2020/07/06 07:25:53.41 0.94 0.63 48.0750 20.6990f 0.0f 9 5 195 0.13 0.56 kx BUD_GT 16001463 BUD 268

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(locality : Miskolc-Mexikóvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 4 BUD 16001463

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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 07:25:56.404 -0.2 T__ 719.4 ___ ML 1.5 5539062 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU02A 0.13 292.1 Lg 07:25:58.945 -0.4 T__ ___ 5539063 FDSN ZJ 00 iLoc BUD HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.42 58.4 Pg 07:26:02.784 0.6 T__ 69.7 ___ ML 1.3 5539060 FDSN HU -- iLoc BUD HHZ HHZ _
ABAH 0.42 58.4 Lg 07:26:08.554 -1.1 T__ ___ 5539061 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

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KECS	0.43	340.8	Pg	07:26:02.715	0.5	T__	127.1	---	ML	1.6	5539058	FDSN	SK	--	iLoc	BUD	EHN	EHZ	_
KECS	0.43	340.8	Lg	07:26:09.263	0.3	T__		---			5539059	FDSN	SK	--	iLoc	BUD	EHE	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
JOS	0.43	345.9	Pg	07:26:02.695	0.5	T__	68.2	---	ML	1.3	5539056	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.43	345.9	Lg	07:26:08.921	-0.1	T__		---			5539057	FDSN	ZJ	--	iLoc	BUD	HHE	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
PSZ	0.56	254.1	Lg	07:26:13.472	-1.0	T__		---			5539064	FDSN	GE	--	iLoc	BUD	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/07/06	07:40:44.95	2.43	1.41	47.8842	20.4805	16.4	6.8	150	0.0f	8	5	224	0.24	0.65	sx	BUD	16001464	BUD			309	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	16001464

Sta	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	0.24	7.1	Pg	07:40:51.048	0.6					T__		282.3		---	ML	1.4	5539090	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.24	7.1	Lg	07:40:53.994	-0.9					T__				---		5539091	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.40	275.2	Lg	07:40:59.182	-1.2					T__				---		5539094	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KECS	0.60	0.3	Pg	07:40:58.532	1.5					T__		113.0		---	ML	1.9	5539092	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.60	0.3	Lg	07:41:06.038	-0.2					T__				---		5539093	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.61	3.7	Pg	07:40:57.793	0.5					T__		40.4		---	ML	1.4	5539096	FDSN	ZJ	--	BUD	iLoc	HHN	HHZ	_
JOS	0.61	3.7	Lg	07:41:05.332	-1.4					T__				---		5539095	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.65	50.7	Lg	07:41:07.449	-1.8					T__				---		5539097	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
2020/07/06	09:35:10.26	1.53	1.66	48.4359	17.4456	14.8	3.7	130	0.0f	6	4	221	0.13	1.18	sx	BUD	16001466	BUD			288	

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	0.13	241.0	Pg	09:35:12.937	-0.5					T__				---		5539143	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.13	241.0	Lg	09:35:15.650	-0.6					T__				---		5539144	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.45	19.3	Pg	09:35:19.570	-0.2					T__		87.7		---	ML	1.5	5539145	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.45	19.3	Lg	09:35:27.359	0.2					T__				---		5539146	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
KRUC	0.94	312.4	Lg	09:35:41.879	-0.1					T__				---		5539147	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
CDNA	1.18	245.0	Lg	09:35:51.341	2.7					T__				---		5539148	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
2020/07/06	09:48:08.75	1.84	0.96	45.5538	17.3316	14.1	7.7	163	15.7	18.3	17	9	133	0.76	1.78	ke	BUD	16001468	BUD			228

Magnitude	Err	Nsta	Author	OrigID
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ML 2.1 0.4 6 BUD 16001468

Sta	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	44.9	Pn	09:48:22.716	-1.0					T__		278.1		---	ML	2.4 5539181	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.76	44.9	Sn	09:48:35.076	-0.0					T__				---		5539182	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																								
BLY	0.81	187.5	Pn	09:48:26.368	1.5					T__		60.6		---	ML	1.7 5539180	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	0.81	187.5	Sn	09:48:37.473	0.7					T__				---		5539185	FDSN	MN	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																								
A265A	0.93	20.2	Pg	09:48:26.898	0.0					T__		456.0		---	ML	2.7 5539186	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.93	20.2	Lg	09:48:39.590	0.4					T__				---		5539187	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1 Station ML: 2.7 magdef=0)																								
BEHE	1.00	337.3	Pg	09:48:27.522	-0.3					T__		264.4		---	ML	2.5 5539188	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.00	337.3	Lg	09:48:42.443	1.5					T__				---		5539189	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=1)																								
PTJ	1.02	290.8	Pn	09:48:26.762	-1.3					T__		52.4		---	ML	1.8 5539183	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.02	290.8	Sn	09:48:40.961	-1.4					T__				---		5539184	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
MORH	1.13	53.7	Pn	09:48:29.213	0.5					T__		61.2		---	ML	1.9 5539192	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.13	53.7	Lg	09:48:45.868	-0.7					T__				---		5539193	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
KOGS	1.17	320.3	Pg	09:48:30.644	-0.1					T__				---		5539190	FDSN	SL	--	BUD	iLoc	BHZ	???	_
KOGS	1.17	320.3	Lg	09:48:46.032	-0.1					T__				---		5539191	FDSN	SL	--	BUD	iLoc	BHE	???	_
CRES	1.34	282.4	Pg	09:48:33.250	-0.2					T__				---		5539194	FDSN	SL	--	BUD	iLoc	BHZ	???	_
CRES	1.34	282.4	Sn	09:48:50.594	0.8					T__				---		5539195	FDSN	SL	--	BUD	iLoc	BHE	???	_
A260A	1.78	346.2	Sn	09:49:00.469	1.0					T__				---		5539196	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
2020/07/06	10:06:32.97	0.98	0.48	48.4547	19.5612	7.4	3.8	3	10.0f		10	5	176	0.58	0.82	sx	BUD	16001470	BUD		288	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD	16001470

Sta	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	0.58	157.3	Pg	10:06:45.962	0.5					T__		45.7		---	ML	1.5 5539236	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.58	157.3	Lg	10:06:53.606	-0.6					T__				---		5539235	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
KECS	0.62	87.0	Pg	10:06:45.251	-0.0					T__		180.1		---	ML	2.1 5539237	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.62	87.0	Lg	10:06:54.340	0.2					T__				---		5539238	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
JOS	0.65	86.0	Pg	10:06:46.247	0.3					T__		41.8		---	ML	1.5 5539230	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	86.0	Lg	10:06:55.048	-0.3					T__				---		5539231	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								

```

HU02A 0.72 117.0 Pg 10:06:48.204 0.3 T__ 29.9 ___ ML 1.4 5539232 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.72 117.0 Lg 10:06:57.714 -0.7 T__ ___ 5539233 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
A335A 0.82 269.9 Pg 10:06:49.229 -0.2 T__ 100.0 ___ ML 2.0 5539234 FDSN Z3 00 BUD iLoc HHZ HHZ _
A335A 0.82 269.9 Lg 10:07:01.576 0.3 T__ ___ 5539239 FDSN Z3 00 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
2020/07/07 02:19:11.62 1.08 0.53 46.0956 16.8079 7.8 4.1 12 3.0f 11 7 162 0.34 1.28 ke BUD 16001472 BUD 168

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 16001472

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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
A264A 0.34 79.0 Pg 02:19:18.426 -0.3 T__ 139.5 ___ ML 1.4 5539275 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.34 79.0 Lg 02:19:23.998 0.5 T__ ___ 5539276 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
BEHE 0.38 356.6 Pg 02:19:18.946 -0.4 T__ 102.2 ___ ML 1.4 5539270 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.38 356.6 Lg 02:19:24.843 0.2 T__ ___ 5539271 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOGS 0.52 312.6 Pg 02:19:22.526 0.5 T__ ___ 5539272 FDSN SL -- BUD iLoc BHZ ??? _
KOGS 0.52 312.6 Lg 02:19:28.582 -0.3 T__ ___ 5539273 FDSN SL -- BUD iLoc BHE ??? _
PTJ 0.62 252.4 Lg 02:19:31.970 -0.8 T__ ___ 5539274 FDSN CR -- BUD iLoc BHN ??? _
KOVH 0.90 90.0 Pn 02:19:30.066 0.2 T__ 28.8 ___ ML 1.5 5539278 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.90 90.0 Lg 02:19:42.111 0.7 T__ ___ 5539277 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CRES 0.98 254.5 Lg 02:19:45.033 0.3 T__ ___ 5539279 FDSN SL -- BUD iLoc BHN ??? _
MORH 1.28 84.0 Lg 02:19:53.452 0.1 T__ ___ 5539280 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
2020/07/07 02:52:47.96 1.15 0.87 46.0514 16.8386 8.3 4.8 11 3.0f 11 7 169 0.42 1.27 ke BUD 16001474 BUD 175

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 16001474

```

```

Sta 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 0.42 354.1 Pg 02:52:56.988 0.4 T__ 146.4 ___ ML 1.6 5539343 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.42 354.1 Lg 02:53:01.661 -0.7 T__ ___ 5539344 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOGS 0.57 314.4 Pg 02:52:59.822 0.6 T__ ___ 5539345 FDSN SL -- BUD iLoc BHZ ??? _
KOGS 0.57 314.4 Lg 02:53:05.418 -1.2 T__ ___ 5539346 FDSN SL -- BUD iLoc BHE ??? _
PTJ 0.62 256.9 Lg 02:53:08.857 -0.6 T__ ___ 5539347 FDSN CR -- BUD iLoc BHE ??? _
A265A 0.76 60.3 Pg 02:53:03.594 0.4 T__ 140.7 ___ ML 2.1 5539348 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.76 60.3 Sn 02:53:15.442 -1.0 T__ ___ 5539349 FDSN Z3 00 BUD iLoc HHN ??? _

```

```

(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOVH 0.88 87.1 Pg 02:53:04.954 -0.5 T__ 37.0 ___ ML 1.6 5539351 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.88 87.1 Lg 02:53:17.649 0.5 T__ ___ 5539350 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CRES 0.99 257.3 Lg 02:53:21.952 0.5 T__ ___ 5539352 FDSN SL -- BUD iLoc BHN ??? _
MORH 1.27 81.9 Lg 02:53:30.219 1.0 T__ ___ 5539353 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
2020/07/07 07:37:02.75 1.22 1.35 46.0232 22.8513 9.0 4.5 42 0.0f 11 6 138 0.14 0.95 sx BUD 16001476 BUD 204

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.0 5 BUD 16001476

```

```

Sta 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 0.14 165.5 Pg 07:37:04.089 -1.4 T__ 1862.4 ___ ML 2.0 5539385 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.14 165.5 Lg 07:37:08.692 1.2 T__ ___ 5539386 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
GZR 0.63 184.8 Pg 07:37:15.214 0.3 T__ 118.7 ___ ML 1.9 5539387 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.63 184.8 Lg 07:37:24.629 0.7 T__ ___ 5539388 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
DRGR 0.77 352.9 Lg 07:37:28.351 -2.0 T__ ___ 5539383 FDSN RO -- BUD iLoc HHE ??? _
LOT 0.86 131.5 Pg 07:37:20.389 1.1 T__ 101.8 ___ ML 2.0 5539389 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 0.86 131.5 Lg 07:37:33.559 1.6 T__ ___ 5539390 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
SIRR 0.86 286.9 Pg 07:37:20.685 0.3 T__ 121.5 ___ ML 2.1 5539391 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.86 286.9 Lg 07:37:33.796 1.0 T__ ___ 5539384 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
BZS 0.95 245.2 Pg 07:37:21.255 -0.1 T__ 39.7 ___ ML 1.6 5539392 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.95 245.2 Lg 07:37:33.538 -1.3 T__ ___ 5539393 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
2020/07/07 08:31:35.71 3.21 1.67 47.4142 18.3431 23.2 10.5 1 0.3 5.5 8 7 195 0.08 1.63 sx BUD 16001478 BUD 236

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta 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 0.08 227.7 Pg 08:31:37.772 -0.0 T__ 1266.9 ___ ML 1.6 5539419 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.08 227.7 Lg 08:31:39.663 -0.2 T__ ___ 5539420 FDSN HU -- BUD iLoc HHN ??? _
A267A 0.48 168.5 Lg 08:31:52.546 -0.8 T__ ___ 5539423 FDSN Z3 00 BUD iLoc HHE ??? _
A266A 0.89 183.5 Lg 08:32:07.830 1.6 T__ ___ 5539424 FDSN Z3 00 BUD iLoc HHE ??? _
PSZ 1.16 63.7 Sn 08:32:16.104 -0.1 T__ ___ 5539425 FDSN GE -- BUD iLoc HHN ??? _
MORH 1.22 170.1 Sn 08:32:14.188 -2.4 T__ ___ 5539421 FDSN HU -- BUD iLoc HHE ??? _

```

KOVH	1.34	187.3	Sn	08:32:19.718	0.1	T__	---	5539422	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU02A	1.63	63.5	Sn	08:32:28.700	1.4	T__	---	5539426	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
2020/07/07	09:50:18.01	0.61	0.82	47.2295	18.2235	12.5	4.0	97	0.0	0.0	5	0	186	0.14	1.32	kx	BUD	16001480	BUD			
2020/07/07	09:50:16.07	1.12	0.42	47.2302	18.2835f				0.0f		5	4	166	0.13	1.29	kx	BUD_GT	16001481	BUD			230

(locality : Iszkaszentgyörgy Hungary)
(description : known quarry blast)
(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	09:50:19.442	0.1					T__		239.2		---	ML	1.1	5539441	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:50:22.664	0.1					T__				---		5539442	FDSN	HU	--	iLoc	BUD	HHN	???	_	

(Reading ML: 1.1 magdef=1)
(Station ML: 1.1 magdef=0)

MORH	1.05	166.2	Lg	09:50:51.542	-0.6					T__				---		5539443	FDSN	HU	--	iLoc	BUD	HHN	???	_
KOVH	1.15	186.4	Sn	09:50:55.543	0.0					T__				---		5539445	FDSN	HU	--	iLoc	BUD	HHN	???	_
PSZ	1.29	57.1	Sn	09:51:00.379	0.6					T__				---		5539444	FDSN	GE	--	iLoc	BUD	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/07/07	10:00:27.23	1.39	1.72	48.0979	16.9848	17.6	4.4	149	0.0f		8	5	161	0.34	1.30	sx	BUD	16001482	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	0.34	35.2	Pg	10:00:33.441	-1.1					T__				---		5539464	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.34	35.2	Lg	10:00:39.023	-1.4					T__				---		5539465	FDSN	SK	--	BUD	iLoc	HHE	???	_	
CONA	0.77	257.7	Pg	10:00:41.961	-0.6					T__		33.5		---	ML	1.5	5539468	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.77	257.7	Lg	10:00:53.439	0.7					T__				---		5539467	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	0.89	30.7	Pg	10:00:46.897	1.5					T__		70.7		---	ML	1.8	5539466	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.89	30.7	Lg	10:01:00.131	1.0					T__				---		5539471	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
A335A	0.97	68.3	Lg	10:01:02.431	0.8					T__				---		5539469	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
ARSA	1.30	229.9	Sn	10:01:12.919	2.6					T__				---		5539470	FDSN	OE	--	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
2020/07/07	19:12:41.63	3.43	0.43	47.6959	20.3807	22.7	10.5	23	16.9	25.2	8	4	248	0.05	0.40	ke	BUD	16001484	BUD			315

Magnitude Err Nsta Author OrigID
ML 1.2 0.7 4 BUD 16001484

Sta	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	0.05	207.9	Pg	19:12:45.397	0.3					T__		1383.2		---	ML	1.6	5539498	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.05	207.9	Lg	19:12:47.449	-0.1					T__				---		5539499	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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

ATAN3	0.09	193.1	Pg	19:12:45.471	0.1					T__		1476.1		---	ML	1.7	5539496	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
ATAN3	0.09	193.1	Lg	19:12:47.568	-0.5					T__				---		5539497	FDSN	HU	--	BUD	iLoc	HHN	???	_	


```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU23A 0.11 237.3 Pg 19:12:45.852 0.2 T__ 105.7 ___ ML 0.6 5539494 FDSN ZJ 00 BUD iLoc HHE HHZ _
HU23A 0.11 237.3 Lg 19:12:48.227 -0.3 T__ ___ 5539495 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
PSZ 0.40 304.4 Pg 19:12:50.531 -0.2 T__ 25.7 ___ ML 0.8 5539500 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.40 304.4 Lg 19:12:57.616 0.4 T__ ___ 5539501 FDSN GE -- 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
2020/07/08 06:26:27.42 1.01 0.50 48.9856 19.3525 9.8 5.8 14 10.0f 10 8 110 0.61 1.42 sx BUD 16001486 BUD 177

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```

Magnitude Err Nsta Author OrigID
ML 2.0 0.3 4 BUD 16001486

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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
A332A 0.61 253.1 Pg 06:26:39.579 -0.3 T__ 97.2 ___ ML 1.8 5539534 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.76 54.8 Lg 06:26:51.943 -0.2 T__ 5539535 FDSN PL -- BUD iLoc BHE ??? _
A335A 0.86 231.7 Pn 06:26:45.482 0.6 T__ 169.0 ___ ML 2.2 5539538 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KECS 0.90 123.4 Pn 06:26:45.320 0.1 T__ 178.7 ___ ML 2.3 5539536 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.90 123.4 Lg 06:26:57.627 0.2 T__ 5539537 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
JOS 0.93 121.5 Pn 06:26:45.637 0.1 T__ 36.2 ___ ML 1.6 5539530 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.93 121.5 Lg 06:26:58.371 0.3 T__ 5539531 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 1.13 161.1 Sn 06:27:05.982 0.4 T__ 5539533 FDSN GE -- BUD iLoc HHN ??? _
HU02A 1.16 137.5 Sn 06:27:05.536 -0.7 T__ 5539532 FDSN ZJ 00 BUD iLoc HHN ??? _
MORC 1.42 304.5 Lg 06:27:13.443 0.7 T__ 5539539 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
2020/07/08 10:20:08.42 1.21 0.87 48.4335 19.6431 7.3 5.0 164 10.0f 7 6 172 0.53 0.87 sx BUD 16001488 BUD 260

```

```

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
HU03A 0.53 183.2 Lg 10:20:28.574 1.1 T__ 5539566 FDSN ZJ 00 BUD iLoc HHE ??? _
PSZ 0.54 161.8 Lg 10:20:27.616 -0.8 T__ 5539562 FDSN GE -- BUD iLoc HHN ??? _
KECS 0.56 84.6 Lg 10:20:28.543 0.6 T__ 5539567 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.60 83.7 Pg 10:20:20.207 -0.2 T__ 17.6 ___ ML 1.1 5539563 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.60 83.7 Lg 10:20:29.507 0.4 T__ 5539564 FDSN ZJ -- BUD iLoc HHN ??? _
HU02A 0.67 117.5 Lg 10:20:31.275 -0.8 T__ 5539568 FDSN ZJ 00 BUD iLoc HHE ??? _
A335A 0.87 271.4 Lg 10:20:38.360 -0.2 T__ 5539565 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
2020/07/08	10:22:32.08	1.16	0.60	48.4238	19.6278	7.8	5.1	161	0.0f		7	4	170	0.54	0.86	sx	BUD	16001490	BUD		282	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	16001490

Sta	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	0.54	160.5	Pg	10:22:44.146	0.5					T__		24.3		___	ML	1.2	5539589	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.54	160.5	Lg	10:22:51.265	-0.9					T__				---		5539590	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.57	83.7	Pg	10:22:43.897	0.3					T__		77.1		___	ML	1.7	5539592	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.57	83.7	Lg	10:22:52.208	-0.1					T__				---		5539591	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.61	82.9	Pg	10:22:44.303	0.0					T__		26.9		___	ML	1.3	5539587	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	82.9	Lg	10:22:53.130	-0.5					T__				---		5539588	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A335A	0.86	272.0	Lg	10:23:02.246	-0.4					T__				---		5539593	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
2020/07/09	05:11:11.12	1.41	0.81	47.3293	18.2609	9.3	2.4	114	0.0f		9	5	167	0.03	1.15	sx	BUD	16001492	BUD		232	

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	4 BUD	16001492

Sta	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	359.5	Pg	05:11:12.971	0.5					T__		879.1		___	ML	1.3	6029322	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.03	359.5	Lg	05:11:13.555	-0.5					T__				---		6029326	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MSW2	0.04	231.6	Pg	05:11:12.957	0.3					T__		392.2		___	ML	1.0	6029321	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.04	231.6	Lg	05:11:13.763	-0.6					T__				---		6029327	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
MSW1	0.06	358.8	Pg	05:11:13.400	0.3					T__		604.9		___	ML	1.3	6029323	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.06	358.8	Lg	05:11:14.214	-0.9					T__				---		6029328	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MSW3	0.11	300.5	Pg	05:11:14.359	0.5					T__		125.7		___	ML	0.7	6029324	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.11	300.5	Lg	05:11:16.166	-0.3					T__				---		6029329	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
MORH	1.15	166.6	Sn	05:11:49.161	-1.3					T__				---		6029325	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
2020/07/09	08:01:22.95	2.12	0.45	47.3426	18.3857	16.3	6.3	150	0.0f		5	4	130	0.09	1.14	sx	BUD	16001494	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	
CSKK	0.09	283.6	Pg	08:01:25.441	0.1					T__		1882.1		---	ML	1.8	5539612	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	283.6	Lg	08:01:27.518	-0.2					T__						5539613	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU09A	0.30	359.6	Lg	08:01:34.935	0.1					T__						5539614	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.66	40.2	Lg	08:01:47.323	-0.2					T__						5539615	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.14	171.0	Sn	08:02:02.787	0.5					T__						5539616	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
2020/07/09	08:11:57.25	1.38	0.60	48.5172	20.7244	10.2	3.8	11	0.0f		9	5	222	0.12	0.82	sx	BUD	16001496	BUD			298

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	4 BUD	16001496

Sta	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	260.2	Pg	08:11:59.674	-0.3					T__		311.7		---	ML	1.1	5539638	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	260.2	Lg	08:12:03.316	1.1					T__						5539639	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.16	258.0	Pg	08:12:00.216	-0.5					T__		905.9		---	ML	1.7	5539642	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.16	258.0	Lg	08:12:03.828	0.3					T__						5539643	FDSN	SK	--	BUD	iLoc	EHE	???	_	
ABAH	0.41	122.6	Pg	08:12:05.519	-0.1					T__		61.3		---	ML	1.2	5539644	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	122.6	Lg	08:12:13.006	0.2					T__						5539645	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.42	198.7	Pg	08:12:05.753	-0.4					T__		34.0		---	ML	1.0	5539640	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	198.7	Lg	08:12:13.272	0.2					T__						5539641	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.82	223.1	Lg	08:12:27.173	0.3					T__						5539646	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
2020/07/09	08:40:18.46	1.01	0.56	48.4112	17.2507	7.9	3.7	96	0.0f		7	5	114	0.04	0.86	sx	BUD	16001498	BUD			186

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	0.04	154.6	Pg	08:40:20.067	0.1					T__						5539670	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.04	154.6	Lg	08:40:21.678	0.1					T__						5539671	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ZST	0.24	204.7	Lg	08:40:27.426	-0.5					T__						5539675	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
A334A	0.34	55.4	Pg	08:40:25.432	-0.3					T__		174.3		---	ML	1.5	5539672	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
JAVC	0.53	31.7	Pg	08:40:29.186	-0.3					T__		80.7		---	ML	1.7	5539673	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.53	31.7	Lg	08:40:38.714	0.7					T__						5539674	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
KRUC	0.86	319.3	Lg	08:40:48.367	0.6					T__						5539676	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
2020/07/09	08:42:37.84	0.45	0.77	48.2871	21.2303				0.0	0.0	6	0	148	0.01	0.97	kx	BUD	16001500	BUD			
2020/07/09	08:42:35.11	1.05	0.52	48.2470	21.2460f				0.0f		6	5	153	0.05	0.96	kx	BUD_GT	16001501	BUD			255

(locality : Táillya Hungary)

(description : known quarry blast)

(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	
ABAH	0.05	355.1	Pg	08:42:36.780	0.1					T__		3721.6		___	ML	2.0	5539694	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	08:42:37.975	-0.3					T__				---		5539695	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
HU02A	0.50	255.8	Lg	08:42:53.001	-0.8					T__				---		5539696	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
JOS	0.53	298.1	Lg	08:42:54.525	0.5					T__				---		5539697	FDSN	ZJ	--	iLoc	BUD	HHE	???	_	
TRPA	0.87	97.2	Lg	08:43:07.077	0.5					T__				---		5539699	FDSN	HU	--	iLoc	BUD	HHN	???	_	
PSZ	0.96	250.6	Lg	08:43:09.525	-0.3					T__				---		5539698	FDSN	GE	--	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/07/09	08:46:14.67	2.71	0.14	46.1101	18.0720	9.9	6.5	69	0.2	4.2	6	4	190	0.03	1.12	sx	BUD	16001502	BUD			253

Magnitude Err Nsta Author OrigID

Sta	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	138.4	Pg	08:46:15.920	0.0					T__		1193.2		___	ML	1.5	5539716	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	138.4	Lg	08:46:17.129	-0.1					T__				---		5539717	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A265A	0.37	328.7	Lg	08:46:28.218	0.0					T__				---		5539720	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MORH	0.41	75.0	Pg	08:46:23.235	-0.0					T__		48.0		___	ML	1.1	5539718	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.41	75.0	Lg	08:46:29.947	0.1					T__				---		5539719	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	1.12	341.1	Sn	08:46:52.848	-0.2					T__				---		5539721	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
2020/07/09	12:36:37.84	1.01	0.58	48.2522	19.8466	6.2	3.6	142	0.0f		10	7	139	0.34	1.03	sx	BUD	16001504	BUD			187

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 3 BUD 16001504

Sta	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	174.5	Pg	12:36:45.656	0.3					T__		425.2		___	ML	1.9	5539747	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.34	174.5	Lg	12:36:50.858	-0.2					T__				---		5539746	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	0.39	205.5	Lg	12:36:52.880	0.7					T__				---		5539745	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.47	105.7	Pg	12:36:47.421	-0.5					T__		119.8		___	ML	1.7	5539751	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	105.7	Lg	12:36:55.289	-0.3					T__				---		5539752	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.48	61.3	Lg	12:36:56.009	0.9					T__				---		5539750	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.52	61.9	Pg	12:36:48.316	-0.0					T__		98.7		___	ML	1.7	5539748	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	61.9	Lg	12:36:56.348	-0.0					T__				---		5539749	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU10A	0.69	234.1	Lg	12:37:02.291	-0.8					T__				---		5539753	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
A335A	1.03	281.5	Lg	12:37:14.189	-0.0					T__				---		5539754	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
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2020/07/09 15:59:40.44 0.67 1.63 48.5382 20.8593 3.4 0.0 90 0.0f 13 8 89 0.22 1.19 sx BUD 16001506 BUD 167

Magnitude Err Nsta Author OrigID
ML 1.6 0.3 5 BUD 16001506

Sta	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	0.22	258.8	Pg	15:59:44.720	-0.2					T__		274.4		---	ML	1.3 5539787	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.22	258.8	Lg	15:59:49.350	0.8					T__				---		5539788	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
KECS	0.25	257.7	Pg	15:59:45.554	-0.2					T__		406.8		---	ML	1.6 5539785	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.25	257.7	Lg	15:59:50.290	0.5					T__				---		5539786	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
ABAH	0.35	133.6	Pg	15:59:47.478	-0.3					T__		90.5		---	ML	1.2 5539791	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.35	133.6	Lg	15:59:53.251	-0.7					T__				---		5539792	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																								
HU02A	0.47	208.3	Lg	15:59:57.769	-0.3					T__				---		5539793	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
PSZ	0.89	226.5	Pn	15:59:58.200	-1.1					T__		62.1		---	ML	1.8 5539789	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.89	226.5	Lg	16:00:13.305	0.6					T__				---		5539790	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
NIE	0.95	337.5	Lg	16:00:11.452	-0.6					T__				---		5539797	FDSN	PL	--	BUD	iLoc	BHZ	???	_
KOLS	1.02	66.6	Lg	16:00:14.042	-1.7					T__				---		5539794	FDSN	SK	--	BUD	iLoc	HHE	???	_
TRPA	1.19	109.4	Pg	16:00:06.084	2.6					T__		49.5		---	ML	1.9 5539795	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.19	109.4	Lg	16:00:17.676	-4.0					T__				---		5539796	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
2020/07/10 04:42:15.68 2.23 0.74 47.3595 18.1654 8.2 5.6 89 5.1 22.5 8 5 129 0.06 1.19 ke BUD 16001508 BUD 258

Magnitude Err Nsta Author OrigID
ML 0.6 0.1 3 BUD 16001508

Sta	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	86.8	Pg	04:42:17.428	-0.1					T__		164.0		---	ML	0.7 5539831	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	86.8	Lg	04:42:18.980	-0.3					T__				---		5539826	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1)																								
MSW2	0.07	151.6	Pg	04:42:17.807	0.3					T__		65.8		---	ML	0.3 5539825	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	151.6	Lg	04:42:19.095	-0.2					T__				---		5539830	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.3 magdef=1 Station ML: 0.3 magdef=1)																								
MSW1	0.07	62.3	Pg	04:42:18.198	0.5					T__		139.0		---	ML	0.6 5539827	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.07	62.3	Lg	04:42:19.459	-0.0					T__				---		5539832	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1)																								
HU08A	0.18	293.7	Lg	04:42:22.256	-0.6					T__				---		5539829	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
MORH	1.19	163.8	Sn	04:42:53.405	-1.2					T__				---		5539828	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
2020/07/10	04:47:34.33	1.99	0.89	47.3309	18.2796	13.3	2.9	113	0.0f	8	4	251	0.03	0.12	sx	BUD	16001510	BUD			309	

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.2	4 BUD	16001510

Sta	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	338.0	Pg	04:47:36.588	0.9					T__		291.7		---	ML	0.9	6029358	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.03	338.0	Lg	04:47:37.061	-0.3					T__				---		6029360	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MSW2	0.05	238.5	Pg	04:47:36.372	0.3					T__		118.6		---	ML	0.5	6029362	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.05	238.5	Lg	04:47:36.781	-1.2					T__				---		6029363	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
MSW1	0.06	347.3	Pg	04:47:36.216	-0.1					T__		201.0		---	ML	0.8	6029359	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.06	347.3	Lg	04:47:37.266	-1.0					T__				---		6029361	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
MSW3	0.12	296.6	Pg	04:47:37.966	0.7					T__		42.1		---	ML	0.2	6029357	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.12	296.6	Lg	04:47:40.022	-0.0					T__				---		6029364	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
2020/07/10	06:11:47.47	1.27	1.42	47.5226	16.3584	7.4	5.2	167	0.0f	15	7	204	0.18	1.29	sx	BUD	16001512	BUD			212	

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.0	6 BUD	16001512

Sta	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	346.7	Pg	06:11:51.231	-0.2					T__		6.8	0.10	__i	ML	-0.4	51533095	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.18	346.7	Lg	06:11:53.478	-0.8					T__		68.0	0.32	__e	ML	0.6	51533096	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
SOP	0.21	40.0	Pg	06:11:52.210	0.2					T__		145.7		---	ML	1.0	5539857	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.21	40.0	Lg	06:11:54.337	-1.0					T__				---		5539856	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
CONA	0.53	320.6	Pg	06:11:57.441	-0.6					T__		47.4		---	ML	1.4	5539855	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.53	320.6	Lg	06:12:05.206	0.1					T__				---		5539854	FDSN	OE	--	BUD	iLoc	HHE	???	_	
CONA	0.53	320.6	Lg	06:12:05.206	0.1					T__		6.2	0.38	__e	ML	0.6	51533094	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
WINA	0.62	341.9	Pg	06:12:00.389	0.7					T__		0.9	0.08	__e	ML	-0.2	51572508	FDSN	IR	--	ISC	iLoc	???	???	_
WINA	0.62	341.9	Lg	06:12:09.008	0.9					T__		6.0	0.26	__i	ML	0.6	51572509	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
ARSA	0.63	244.7	Lg	06:12:07.229	-0.4					T__				---		5539858	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.63	244.7	Sn	06:12:11.447	-2.9					T__		5.4	0.62	__e	ML	0.6	51533092	FDSN	IR	--	ISC	iLoc	???	???	_

```

(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
MODS 1.05 35.6 Pg 06:12:09.070 0.3 T__ --- 5539860 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.05 35.6 Sn 06:12:23.177 -1.6 T__ --- 5539859 FDSN SK -- BUD iLoc HHE ??? _
SESA 1.29 252.1 Pn 06:12:15.307 2.3 T__ 1.3 0.38 ___ ML 0.3 51533097 FDSN IR -- ISC iLoc ??? ??? _
SESA 1.29 252.1 Sn 06:12:33.060 2.0 T__ 2.1 0.20 ___e ML 0.5 51533098 FDSN IR -- ISC iLoc ??? ??? _
(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
2020/07/10 07:48:47.06 3.34 1.38 45.8552 18.3733 33.7 6.7 179 0.2 6.0 7 4 272 0.30 0.71 sx BUD 16001514 BUD 305

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Magnitude Err Nsta Author OrigID
ML 0.9 0.1 3 BUD 16001514

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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 0.30 320.8 Pg 07:48:53.495 -0.1 T__ 55.6 ___ ML 0.9 5539883 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.30 320.8 Lg 07:48:58.544 0.1 T__ ___ 5539884 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MORH 0.41 27.5 Pg 07:48:55.092 -0.5 T__ 33.0 ___ ML 0.9 5539881 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.41 27.5 Lg 07:49:01.266 -0.9 T__ ___ 5539882 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
A266A 0.67 353.6 Pg 07:49:01.791 0.9 T__ 134.3 ___ ML 2.0 5539887 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.67 353.6 Lg 07:49:10.189 -0.9 T__ ___ 5539886 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU22A 0.71 47.8 Lg 07:49:14.896 1.7 T__ ___ 5539885 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
2020/07/10 08:13:57.46 1.16 2.28 46.9733 22.3792 12.9 9.1 32 16.0f 15 13 101 0.29 2.10 ke BUD 16001516 BUD 136

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```

Magnitude Err Nsta Author OrigID
ML 2.0 0.2 10 BUD 16001516

```

```

Sta 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 0.29 128.5 Pg 08:14:03.618 -0.5 T__ 437.3 ___ ML 1.8 5539994 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.29 128.5 Lg 08:14:08.872 -0.2 T__ ___ 5539995 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
SIRR 0.86 215.3 Pn 08:14:13.088 -0.8 T__ 51.1 ___ ML 1.7 5539996 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.86 215.3 Lg 08:14:25.494 -0.7 T__ ___ 5540001 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
CJR 0.88 106.8 Pn 08:14:16.506 2.2 T__ 452.6 ___ ML 2.6 5540002 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
TRPA 1.16 5.3 Pn 08:14:18.405 0.3 T__ 64.7 ___ ML 2.0 5540008 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1

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(Station ML: 2.0 magdef=1
BZS 1.46 201.6 Pn 08:14:22.756 0.5 T__ 28.8 ___ ML 1.8 5539997 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 1.53 330.2 Pn 08:14:23.033 -0.0 T__ 55.2 ___ ML 2.1 5540000 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
GZR 1.60 169.9 Pn 08:14:26.829 2.1 T__ 54.3 ___ ML 2.1 5540007 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU02A 1.70 313.1 Pn 08:14:25.264 -0.3 T__ 22.4 ___ ML 1.8 5540006 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
LOT 1.81 147.2 Sn 08:14:55.900 5.4 T__ ___ 5540004 FDSN RO -- BUD iLoc HHE ??? _
BANR 1.81 209.0 Sn 08:14:53.813 4.4 T__ ___ 5540003 FDSN RO -- BUD iLoc HHE ??? _
PSZ 1.93 300.2 Pn 08:14:28.354 -0.6 T__ 30.5 ___ ML 2.1 5539998 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 1.97 321.5 Pn 08:14:29.715 0.6 T__ 23.5 ___ ML 2.0 5539999 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU03A 2.10 297.3 Sn 08:14:57.428 1.4 T__ ___ 5540005 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
2020/07/10 08:34:00.10 0.96 1.16 48.5323 17.4166 10.8 3.2 127 7.0f 8 4 146 0.18 1.20 ke BUD 16001518 BUD 186

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```

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 3 BUD 16001518

```

```

Sta 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 0.18 210.3 Pg 08:34:04.107 -0.2 T__ ___ 5540048 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.18 210.3 Lg 08:34:07.732 0.1 T__ ___ 5540049 FDSN SK -- BUD iLoc HHE ??? _
A334A 0.19 67.1 Pg 08:34:04.042 -0.2 T__ 416.1 ___ ML 1.4 5540052 FDSN Z3 00 BUD iLoc HHZ HHZ _
A334A 0.19 67.1 Lg 08:34:07.589 0.2 T__ ___ 5540053 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JAVC 0.37 27.1 Pg 08:34:07.683 -0.2 T__ 172.5 ___ ML 1.6 5540050 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.37 27.1 Lg 08:34:13.958 0.1 T__ ___ 5540051 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CONA 1.20 240.4 Pn 08:34:24.109 1.2 T__ 32.9 ___ ML 1.7 5540054 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.20 240.4 Sn 08:34:41.985 2.3 T__ ___ 5540055 FDSN OE -- 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
2020/07/10 08:37:55.67 0.70 0.46 47.8608 18.9745 0.0 0.0 11 0 206 0.42 1.22 kx BUD 16001520 BUD
2020/07/10 08:37:55.21 0.95 2.08 47.8355 19.1270f 0.0f 11 6 208 0.33 1.15 kx BUD_GT 16001521 BUD 333
(locality : Sejce-Vác Hungary)
(description : known quarry blast)

```


(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 5 BUD 16001521

Sta	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	0.33	77.7	Pg	08:38:03.657	1.3					T__		91.6		---	ML	1.2	5540089	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU03A	0.33	77.7	Lg	08:38:09.055	1.4					T__				---		5540090	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																									
PSZ	0.52	80.6	Pg	08:38:07.308	0.7					T__		31.6		---	ML	1.3	5540091	FDSN	GE	--	iLoc	BUD	HHE	HHZ	_
PSZ	0.52	80.6	Lg	08:38:15.183	0.2					T__				---		5540088	FDSN	GE	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
A338A	0.55	289.3	Lg	08:38:09.777	-6.0					T__				---		5540094	FDSN	Z3	00	iLoc	BUD	HH3	???	_	
HU02A	0.98	72.5	Pg	08:38:16.129	0.7					T__		28.1		---	ML	1.5	5540086	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	08:38:31.339	0.3					T__				---		5540087	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
KECS	1.12	54.0	Pg	08:38:18.185	0.7					T__		112.0		---	ML	2.2	5540092	FDSN	SK	--	iLoc	BUD	EHE	EHZ	_
KECS	1.12	54.0	Sn	08:38:34.065	-0.2					T__				---		5540093	FDSN	SK	--	iLoc	BUD	EHE	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																									
JOS	1.15	54.5	Pg	08:38:18.362	0.3					T__		25.4		---	ML	1.5	5540084	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	1.15	54.5	Sn	08:38:33.940	-1.2					T__				---		5540085	FDSN	ZJ	--	iLoc	BUD	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
 2020/07/10 09:24:45.62 3.26 1.55 48.6058 21.5919 35.6 18.7 145 0.0f 6 4 225 0.39 0.86 sx BUD 16001522 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	
ABAH	0.39	217.2	Pn	09:24:58.318	-0.2					T__		455.0		---	ML	2.0	5540120	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	217.2	Lg	09:25:00.459	0.0					T__				---		5540121	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.71	261.4	Pn	09:25:06.961	5.3					---		30.6		---	ML	1.4	5540122	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.71	261.4	Sn	09:25:16.011	1.0					T__				---		5540123	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
KECS	0.75	260.9	Sn	09:25:17.457	1.5					T__				---		5540125	FDSN	SK	--	BUD	iLoc	EHE	???	_	
TRPA	0.79	126.6	Sn	09:25:19.421	2.0					T__				---		5540126	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.86	236.2	Lg	09:25:16.684	0.1					T__				---		5540124	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
 2020/07/10 09:44:47.59 3.70 0.47 48.4044 19.5911 23.5 8.7 114 10.0f 6 4 284 0.53 0.68 sx BUD 16001524 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
PSZ	0.53	157.2	Lg	09:45:07.400	0.4					T__				---		5540150	FDSN	GE	--	BUD	iLoc	HHN	???	_
KECS	0.60	82.1	Lg	09:45:08.711	0.4					T__				---		5540149	FDSN	SK	--	BUD	iLoc	EHE	???	_

JOS	0.64	81.4	Pg	09:45:00.039	-0.2	T__	32.1	---	ML	1.4	5540145	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.64	81.4	Lg	09:45:09.831	0.3	T__		---			5540146	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
HU02A	0.68	114.0	Pn	09:45:02.016	-0.2	T__	26.4	---	ML	1.3	5540147	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.68	114.0	Lg	09:45:11.368	-0.5	T__		---			5540148	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
2020/07/10	10:01:05.73	1.88	0.71	48.2056	16.9455	11.9	9.2	65	0.3	5.6	7	5	163	0.11	1.35	sx	BUD	16001526	BUD			187

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	
ZST	0.11	95.1	Pg	10:01:08.306	-0.0				T__		127729.8			---	ML	3.7	5540182	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.11	95.1	Lg	10:01:10.436	-0.2				T__					---		5540183	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.28	52.7	Pg	10:01:11.817	0.0				T__					---		5540184	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.28	52.7	Lg	10:01:16.854	0.2				T__					---		5540188	FDSN	SK	--	BUD	iLoc	HHE	???	_	
CONA	0.78	249.5	Lg	10:01:30.685	-0.7				T__					---		5540185	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A335A	0.96	74.9	Lg	10:01:39.465	-0.1				T__					---		5540187	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
ARSA	1.35	225.7	Lg	10:01:49.827	1.0				T__					---		5540186	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	
2020/07/11	08:58:31.29	1.63	0.97	48.5263	20.8510	9.1	7.6	37	0.0f		9	5	164	0.21	1.03	sx	BUD	16001528	BUD				306

Magnitude	Err	Nsta	Author	OrigID
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ML	1.4	0.2	4 BUD	16001528
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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	0.21	261.8	Pg	08:58:35.529	-0.1				T__		283.5			---	ML	1.3	5540211	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.21	261.8	Lg	08:58:39.266	0.2				T__					---		5540212	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
KECS	0.25	260.1	Pg	08:58:35.969	-0.5				T__		384.1			---	ML	1.6	5540213	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.25	260.1	Lg	08:58:40.324	-0.1				T__					---		5540214	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.46	208.4	Pg	08:58:40.324	-0.7				T__		28.3			---	ML	1.0	5540215	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	208.4	Lg	08:58:48.979	0.5				T__					---		5540216	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.88	226.8	Pn	08:58:50.556	0.5				T__		36.8			---	ML	1.6	5540217	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	226.8	Lg	08:59:04.951	1.8				T__					---		5540218	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
KOLS	1.03	66.1	Lg	08:59:08.008	1.1				T__					---		5540219	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	
2020/07/11	09:53:05.98	1.15	0.38	48.0877	19.4688				0.0	0.0	7	0	265	0.20	0.82	kx	BUD	16001530	BUD				
2020/07/11	09:53:06.82	0.98	1.06	48.0061	19.6278f				0.0f		7	4	220	0.10	0.78	kx	BUD_GT	16001531	BUD				294

(locality : Nagylóc Hungary)

(description : known quarry blast)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
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ML	1.5	0.0	4 BUD	16001531
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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	0.10	190.5	Pg	09:53:10.133	0.7				T__		779.9			---	ML	1.5	5540248	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_

(Reading ML: 1.5 magdef=1)

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(Station ML: 1.5 magdef=1
PSZ 0.20 116.0 Pg 09:53:11.877 0.2 T__ 476.7 --- ML 1.5 5540247 FDSN GE -- iLoc BUD HHZ HHZ _
PSZ 0.20 116.0 Lg 09:53:16.237 0.7 T__ --- 5540249 FDSN GE -- iLoc BUD HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.61 78.7 Pg 09:53:19.754 0.1 T__ 51.0 --- ML 1.5 5540246 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU02A 0.61 78.7 Lg 09:53:29.133 -0.4 T__ --- 5540250 FDSN ZJ 00 iLoc BUD HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.78 50.9 Pg 09:53:22.171 -0.2 T__ 26.9 --- ML 1.4 5540245 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 0.78 50.9 Lg 09:53:31.930 -2.3 T__ --- 5540251 FDSN ZJ -- iLoc BUD 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
2020/07/11	17:12:36.29	1.56	0.79	46.2137	16.6505	9.1	4.5	23	0.3	3.0	19	13	148	0.27	1.80	ke	BUD	16001532	BUD		185	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	7 BUD	16001532

Sta	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	0.27	18.6	Pg	17:12:41.729	-0.6					T__		1035.3		---	ML	2.1	5540292	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.27	18.6	Lg	17:12:46.024	-0.6					T__				---		5540293	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KOGS	0.36	310.4	Pg	17:12:43.482	-0.3					T__				---		5540294	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
KOGS	0.36	310.4	Lg	17:12:48.395	-0.4					T__				---		5540295	FDSN	SL	--	BUD	iLoc	BHN	???	_	
A263A	0.63	46.8	Lg	17:12:58.059	-0.1					T__				---		5540303	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A262A	0.66	352.6	Pg	17:12:49.735	0.2					T__	314.0			---	ML	2.4	5540297	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.66	352.6	Lg	17:13:00.936	2.5					T__				---		5540298	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
A265A	0.82	74.7	Pg	17:12:53.126	0.2					T__	364.2			---	ML	2.5	5540305	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.82	74.7	Lg	17:13:04.757	0.4					T__				---		5540304	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
CRES	0.92	245.4	Lg	17:13:08.058	0.7					T__				---		5540296	FDSN	SL	--	BUD	iLoc	BHE	???	_	
KOVH	1.02	96.6	Pg	17:12:56.551	-0.1					T__	94.4			---	ML	2.0	5540307	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.02	96.6	Lg	17:13:10.638	0.3					T__				---		5540306	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MPLH	1.14	32.3	Pn	17:12:58.104	-0.4					T__	52.9			---	ML	1.9	5540308	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.14	32.3	Sn	17:13:14.204	-0.7					T__				---		5540309	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ARSA	1.30	323.6	Pn	17:13:00.321	-0.7					T__	41.5			---	ML	1.8	5540300	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
MORH	1.38	89.2	Lg	17:13:21.979	0.1					T__				---		5540299	FDSN	HU	--	BUD	iLoc	HHN	???	_	
OBKA	1.49	282.2	Pn	17:13:04.418	0.3					T__	35.0			---	ML	1.9	5540310	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

A019A	1.64	319.5	Lg	17:13:29.170	0.5	T__	---	5540301	FDSN	Z3	00	BUD	iLoc	HH3	???	_
CONA	1.80	342.8	Lg	17:13:34.784	0.1	T__	---	5540302	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
2020/07/13	07:46:02.72	1.25	1.87	48.2366	21.1214	11.8	4.8	166	0.0f	7	4	201	0.10	0.49	sx	BUD	16001534	BUD			310	

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.0	3 BUD	16001534

Sta	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	53.0	Pg	07:46:04.878	-0.4					T__		293.6		---	ML	1.0	5540346	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.10	53.0	Lg	07:46:08.175	0.6					T__				---		5540347	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU02A	0.42	254.2	Pg	07:46:10.928	-0.7					T__		27.7		---	ML	0.9	5540344	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	254.2	Lg	07:46:20.418	1.9					T__				---		5540343	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
JOS	0.47	304.0	Pg	07:46:10.816	-1.3					T__		27.3		---	ML	1.0	5540341	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	304.0	Lg	07:46:20.431	1.1					T__				---		5540342	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.49	300.4	Lg	07:46:22.790	2.6					T__				---		5540345	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
2020/07/13	07:49:09.15	3.01	1.33	48.5069	19.4107	18.3	10.6	116	10.0f	9	6	162	0.67	1.24	sx	BUD	16001536	BUD			299	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	16001536

Sta	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	0.67	151.0	Lg	07:49:33.283	-0.1					T__				---		5540377	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KECS	0.72	91.5	Pg	07:49:23.419	-0.0					T__		93.2		---	ML	1.9	5540375	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.72	91.5	Lg	07:49:33.388	-0.2					T__				---		5540376	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.75	90.4	Pg	07:49:24.049	0.0					T__		29.3		---	ML	1.4	5540372	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.75	90.4	Lg	07:49:34.478	-0.1					T__				---		5540373	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.84	117.0	Pn	07:49:26.405	0.5					T__		31.4		---	ML	1.5	5540378	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	117.0	Lg	07:49:38.095	-0.2					T__				---		5540379	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JAVC	1.21	287.6	Sn	07:49:48.259	-1.3					T__				---		5540380	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
ABAH	1.24	99.1	Sn	07:49:51.830	3.0					T__				---		5540374	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
2020/07/13	09:01:47.24	0.94	1.13	48.6459	17.4841	4.9	3.1	140	0.0f	12	7	152	0.13	1.30	sx	BUD	16001540	BUD			198	

Magnitude Err Nsta Author OrigID
 ML 1.7 0.0 4 BUD 16001540

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A334A	0.13	108.1	Pg	09:01:49.368	-1.0					T__		1083.1		---	ML	1.7	5540435	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A334A	0.13	108.1	Lg	09:01:52.300	-0.6					T__				---		5540436	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JAVC	0.25	30.0	Pg	09:01:52.077	-0.7					T__		286.2		---	ML	1.4	5540437	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.25	30.0	Lg	09:01:57.014	-0.2					T__				---		5540438	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MODS	0.31	206.8	Pg	09:01:53.733	-0.1					T__				---		5540439	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.31	206.8	Lg	09:01:57.784	-1.4					T__				---		5540440	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.52	209.6	Lg	09:02:06.043	0.0					T__				---		5540444	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
A335A	0.60	109.1	Pg	09:01:59.960	0.5					T__		67.8		---	ML	1.7	5540442	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.60	109.1	Lg	09:02:09.441	0.6					T__				---		5540441	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A332A	0.67	75.9	Lg	09:02:12.177	2.1					T__				---		5540443	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CONA	1.30	237.1	Pn	09:02:13.311	0.9					T__		29.9		---	ML	1.7	5540445	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.30	237.1	Lg	09:02:31.011	1.4					T__				---		5540446	FDSN	OE	--	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
 2020/07/13 10:12:26.64 1.07 0.60 48.5741 20.7718 6.2 3.8 20 0.0f 14 7 165 0.17 1.26 sx BUD 16001542 BUD 225

Magnitude Err Nsta Author OrigID
 ML 1.6 0.3 7 BUD 16001542

Sta	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	243.2	Pg	10:12:30.367	0.1					T__		460.0		---	ML	1.4	5540482	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	243.2	Lg	10:12:34.111	0.9					T__				---		5540483	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.21	244.5	Pg	10:12:30.853	-0.2					T__		1120.2		---	ML	1.9	5540484	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	244.5	Lg	10:12:34.794	0.3					T__				---		5540485	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.42	131.6	Pg	10:12:35.385	0.2					T__		67.5		---	ML	1.3	5540486	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	131.6	Lg	10:12:42.031	-0.4					T__				---		5540487	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU02A	0.48	200.1	Pg	10:12:36.539	-0.3					T__		56.1		---	ML	1.4	5540490	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	200.1	Lg	10:12:44.525	-0.1					T__				---		5540491	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.88	222.1	Pn	10:12:45.052	-0.3					T__		57.9		---	ML	1.8	5540489	FDSN	GE	--	BUD	iLoc	HHE	HHZ	_
PSZ	0.88	222.1	Lg	10:12:57.793	-0.6					T__				---		5540488	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									

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(Station ML: 1.8 magdef=1
LANS 1.04 304.3 Pg 10:12:46.690 -0.4 T__ 37.1 --- ML 1.6 5540492 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 1.04 304.3 Lg 10:13:01.900 0.2 T__ --- 5540493 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
TRPA 1.26 110.0 Pn 10:12:51.723 1.3 T__ 85.0 --- ML 2.1 5540494 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.26 110.0 Sn 10:13:08.825 -0.6 T__ --- 5540495 FDSN HU -- 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
2020/07/13	10:48:12.77	4.23	0.77	46.9049	22.8184	33.4	16.6	159	0.0f	8	5	283	0.14	1.60	sx	BUD	16001544	BUD			309	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.4	3 BUD	16001544

Sta	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	213.1	Pg	10:48:15.824	-0.0					T__		176.2		---	ML	0.9	5540527	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.14	213.1	Lg	10:48:18.434	-0.1					T__				---		5540528	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
SIRR	1.02	231.8	Lg	10:48:48.233	0.3					T__				---		5540531	FDSN	RO	--	BUD	iLoc	HHE	???	_	
GZR	1.51	181.1	Pg	10:48:41.646	0.2					T__		25.9		---	ML	1.8	5540533	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.51	181.1	Sn	10:49:01.602	-0.2					T__				---		5540532	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
BZS	1.53	213.3	Sn	10:49:02.775	1.0					T__				---		5540534	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
LOT	1.60	155.3	Pn	10:48:41.480	-0.6					T__		43.9		---	ML	2.0	5540529	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.60	155.3	Sn	10:49:03.335	-1.2					T__				---		5540530	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	
2020/07/14	07:46:30.52	0.35	2.32	46.8850	17.3309	5.7	3.2	116	0.0	0.0	9	0	93	0.14	0.96	kx	BUD	16001546	BUD				
2020/07/14	07:46:28.08	0.95	2.80	46.8548	17.2699f				0.0f		9	7	97	0.13	0.96	kx	BUD_GT	16001547	BUD			168	

(locality : Várvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.5	3 BUD	16001547

Sta	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	07:46:29.579	-1.7					T__		9308.6		---	ML	2.6	5540597	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1																									
A263A	0.22	171.8	Lg	07:46:40.624	3.9					T__				---		5540598	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
MPLH	0.37	30.2	Lg	07:46:42.097	0.0					T__				---		5540591	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
BEHE	0.51	221.7	Pg	07:46:40.669	1.9					T__		361.6		---	ML	2.3	5540590	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
BEHE	0.51	221.7	Lg	07:46:51.451	5.3					T__				---		5540592	FDSN	HU	--	iLoc	BUD	HHN	???	_	

(Reading ML: 2.3 magdef=1
 (Station ML: 2.3 magdef=1
 HU08A 0.73 37.5 Lg 07:46:53.748 -1.0 T__ --- 5540593 FDSN ZJ 00 iLoc BUD HHZ ??? _
 CSKK 0.85 52.7 Lg 07:46:56.324 -2.9 T__ --- 5540594 FDSN HU -- iLoc BUD HHZ ??? _
 KOVH 0.96 142.9 Pg 07:46:45.819 -1.6 T__ 69.1 --- ML 1.9 5540595 FDSN HU -- iLoc BUD HHZ HHZ _
 KOVH 0.96 142.9 Lg 07:46:59.897 -1.1 T__ --- 5540596 FDSN HU -- iLoc BUD 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
2020/07/14	08:23:36.27	1.18	1.14	48.4838	17.5128	10.6	3.4	131	7.0f	7	5	193	0.16	1.24	sx	BUD	16001548	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	
A334A	0.16	41.6	Pg	08:23:39.982	0.1					T__		410.0		---	ML	1.4	5540637	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																									
MODS	0.19	235.0	Pg	08:23:40.587	-0.0					T__				---		5540633	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	235.0	Lg	08:23:43.678	-0.4					T__				---		5540634	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
JAVC	0.39	15.5	Pg	08:23:43.717	-0.8					T__	70.9			---	ML	1.2	5540635	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.39	15.5	Lg	08:23:51.522	0.7					T__				---		5540636	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																									
KRUC	0.94	308.5	Lg	08:24:08.706	0.8					T__				---		5540638	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
CONA	1.24	243.9	Sn	08:24:18.518	1.8					T__				---		5540639	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			
2020/07/14	09:21:06.22	0.44	0.91	47.2272	18.2984	4.9	4.7	80	0.0	0.0	7	0	109	0.14	1.28	kx	BUD	16001550	BUD						
2020/07/14	09:21:04.28	0.98	0.46	47.2302	18.2835f				0.0f		7	5	109	0.13	1.29	kx	BUD_GT	16001551	BUD			206			
(locality : Iszkaszentgyörgy Hungary) (description : known quarry blast) (GT info : GT2 explosion)																									

Magnitude Err Nsta Author OrigID
 ML 1.3 0.3 2 BUD 16001551

Sta	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	09:21:07.438	-0.2					T__		228.1		---	ML	1.0	5540660	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:21:10.200	-0.5					T__				---		5540661	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
HU08A	0.32	309.6	Lg	09:21:16.883	0.1					T__				---		5540663	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
MPLH	0.51	263.5	Pg	09:21:15.188	0.3					T__	57.6			---	ML	1.5	5540664	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MPLH	0.51	263.5	Lg	09:21:23.718	0.8					T__				---		5540662	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
MORH	1.05	166.2	Lg	09:21:39.824	-0.5					T__				---		5540665	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
PSZ	1.29	57.1	Sn	09:21:48.040	0.0					T__				---		5540666	FDSN	GE	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/07/14	10:00:39.60	1.56	1.75	48.1267	16.9778	14.5	6.3	149	6.0f	7	5	216	0.32	1.21	sx	BUD	16001552	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
MODS	0.32	38.9	Pg	10:00:45.902	-0.4					T__						5540692	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.32	38.9	Lg	10:00:50.505	-1.0					T__						5540693	FDSN	SK	--	BUD	iLoc	HHZ	???	_
CONA	0.78	255.6	Lg	10:01:04.801	-0.4					T__						5540698	FDSN	OE	--	BUD	iLoc	HHZ	???	_
JAVC	0.87	31.9	Pg	10:00:59.030	1.9					T__		34.6		ML	1.5	5540696	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.87	31.9	Sn	10:01:14.343	2.6					T__						5540697	FDSN	CZ	--	BUD	iLoc	HHZ	???	_
KRUC	1.01	337.8	Lg	10:01:12.894	-0.8					T__						5540695	FDSN	CZ	--	BUD	iLoc	HHZ	???	_
VRAC	1.21	348.0	Sn	10:01:19.513	0.1					T__						5540694	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
2020/07/14	10:04:18.82	1.95	0.16	48.5776	20.7487	14.6	5.2	4	10.0f	6	4	248	0.16	0.48	sx	BUD	16001554	BUD			316	

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.2	4 BUD	16001554

Sta	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	239.6	Pg	10:04:22.673	0.1					T__		132.7		ML	0.9	5540721	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	239.6	Lg	10:04:25.625	0.1					T__						5540722	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
KECS	0.20	241.7	Pg	10:04:23.116	-0.2					T__		416.0		ML	1.5	5540720	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
ABAH	0.43	130.6	Pg	10:04:27.537	-0.0					T__		38.0		ML	1.1	5540723	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
HUO2A	0.48	198.2	Pg	10:04:28.834	-0.1					T__		18.8		ML	0.9	5540718	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HUO2A	0.48	198.2	Lg	10:04:36.520	0.1					T__						5540719	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_

(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
2020/07/14	10:44:36.71	1.00	1.02	46.0579	22.8659	7.3	3.9	68	0.0f	12	6	141	0.18	0.98	sx	BUD	16001556	BUD			209	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	6 BUD	16001556

Sta	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	171.5	Pg	10:44:39.972	-0.1					T__		686.8		ML	1.6	5540758	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	171.5	Lg	10:44:42.746	0.2					T__						5540759	FDSN	RO	--	BUD	iLoc	HHE	???	_
GZR	0.67	185.4	Pg	10:44:49.348	-0.2					T__		62.9		ML	1.7	5540760	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.67	185.4	Lg	10:44:58.895	-0.1					T__						5540761	FDSN	RO	--	BUD	iLoc	HHE	???	_

(Reading ML: 1.7 magdef=1)

(Station ML: 1.7 magdef=0)

Sta	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	0.74	351.8	Pg	10:44:51.794	0.1					T__		47.5		ML	1.6	5540762	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.74	351.8	Lg	10:45:02.025	-1.6					T__						5540763	FDSN	RO	--	BUD	iLoc	HHE	???	_

(Reading ML: 1.6 magdef=1)

(Station ML: 1.6 magdef=1)


```

SIRR  0.86 284.5 Pg      10:44:55.160  0.8      T__      47.6      ___ ML      1.7 5540756  FDSN RO      -- BUD  iLoc  HHZ HHZ  _
SIRR  0.86 284.5 Lg      10:45:05.365 -1.4      T__      ___      ___      5540757  FDSN RO      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT   0.88 133.6 Pg      10:44:54.688  1.1      T__      45.0      ___ ML      1.6 5540764  FDSN RO      -- BUD  iLoc  HHZ HHZ  _
LOT   0.88 133.6 Lg      10:45:05.162 -1.3      T__      ___      ___      5540765  FDSN RO      -- BUD  iLoc  HHZ ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
BZS   0.98 243.6 Pn      10:44:57.815  0.9      T__      27.5      ___ ML      1.5 5540766  FDSN RO      -- BUD  iLoc  HHZ HHZ  _
BZS   0.98 243.6 Lg      10:45:09.230 -0.3      T__      ___      ___      5540767  FDSN RO      -- 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
2020/07/15 06:51:05.09  2.24  1.01  48.2131  21.5223  18.1  10.1  150  15.5  12.6  10  5 228  0.21  0.88  sx BUD  16001560  BUD  328

```

```

Magnitude  Err Nsta Author  OrigID
ML 1.6 0.4 5 BUD 16001560

```

```

Sta  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  0.21 293.8 Pg      06:51:10.245  0.2      T__      585.7      ___ ML      1.6 5540841  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
ABAH  0.21 293.8 Lg      06:51:13.703 -0.4      T__      ___      ___      5540844  FDSN HU      -- BUD  iLoc  HHZ ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.67 262.6 Pg      06:51:18.747 -0.4      T__      32.4      ___ ML      1.4 5540842  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU02A 0.67 262.6 Lg      06:51:29.635  0.6      T__      ___      ___      5540843  FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS   0.71 293.7 Pg      06:51:19.193 -0.1      T__      29.4      ___ ML      1.4 5540837  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS   0.71 293.7 Lg      06:51:30.286  0.9      T__      ___      ___      5540838  FDSN ZJ      -- BUD  iLoc  HHZ ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
KECS  0.74 291.7 Pg      06:51:19.719 -0.2      T__      119.4      ___ ML      2.0 5540839  FDSN SK      -- BUD  iLoc  EHE EHZ  _
KECS  0.74 291.7 Lg      06:51:29.760 -0.6      T__      ___      ___      5540840  FDSN SK      -- BUD  iLoc  EHZ ???  _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOLS  0.88 34.4 Pn      06:51:23.438  1.6      T__      8877.8      ___ ML      3.9 5540845  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
KOLS  0.88 34.4 Lg      06:51:33.426 -1.3      T__      ___      ___      5540846  FDSN SK      -- BUD  iLoc  HHE ???  _
(Reading ML: 3.9 magdef=1
(Station ML: 3.9 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
2020/07/15 07:04:22.56  1.51  0.51  47.9681  20.6500  14.7  7.4  10  0.0  0.0  7  0 281  0.18  0.53  kx BUD  16001562  BUD
2020/07/15 07:04:23.21  0.99  0.43  48.0750  20.6990f  0.0f  7  4 233  0.13  0.43  kx BUD_GT  16001563  BUD  306

```

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(locality : Miskolc-Mexikóvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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```

Magnitude  Err Nsta Author  OrigID
ML 1.3 0.2 3 BUD 16001563

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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	07:04:25.993	-0.4					T__		349.7		___	ML	1.2	5540875	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	07:04:28.649	-0.5					T__				---		5540876	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.42	58.4	Lg	07:04:39.211	-0.2					T__				---		5540879	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
KECS	0.43	340.8	Pg	07:04:32.718	0.7					T__		147.6		---	ML	1.7	5540877	FDSN	SK	--	iLoc	BUD	EHN	EHZ	_
KECS	0.43	340.8	Lg	07:04:39.089	0.3					T__				---		5540878	FDSN	SK	--	iLoc	BUD	EHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.43	345.9	Pg	07:04:32.364	0.3					T__		67.4		---	ML	1.3	5540873	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.43	345.9	Lg	07:04:38.854	0.0					T__				---		5540874	FDSN	ZJ	--	iLoc	BUD	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	
2020/07/15	07:49:36.61	1.19	0.55	48.6873	19.9205	9.7	5.3	50	0.0f		8	5	147	0.43	0.77	sx	BUD	16001564	BUD			293	

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	3 BUD	16001564

Sta	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	118.4	Pg	07:49:45.575	0.3					T__		138.4		---	ML	1.6	5540908	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.43	118.4	Lg	07:49:51.281	-0.5					T__				---		5540905	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.45	114.8	Pg	07:49:45.889	0.2					T__		40.1		---	ML	1.2	5540903	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.45	114.8	Lg	07:49:52.116	-0.5					T__				---		5540904	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
LANS	0.55	327.4	Lg	07:49:54.881	-0.2					T__				---		5540910	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
HU02A	0.69	144.3	Pg	07:49:51.334	0.3					T__		21.3		---	ML	1.2	5540906	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.69	144.3	Lg	07:50:02.353	0.5					T__				---		5540909	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.77	181.3	Lg	07:50:03.899	-0.7					T__				---		5540907	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	
2020/07/15	10:03:55.18	2.30	0.57	48.5520	20.7940	22.8	4.0	8	0.0f		8	4	238	0.18	0.87	sx	BUD	16001566	BUD			332	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	16001566

Sta	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	10:03:58.848	-0.1					T__		254.4		---	ML	1.2	5540963	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	251.7	Lg	10:04:02.681	0.8					T__				---		5540964	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.22	251.6	Pg	10:03:59.259	-0.5					T__		779.6		---	ML	1.8	5540961	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_

```

KECS  0.22 251.6 Lg      10:04:03.726  0.5      T__          ---          5540962  FDSN SK      -- BUD  iLoc  EHZ ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
ABAH  0.39 130.6 Pg      10:04:03.461  0.2      T__          48.5      --- ML      1.1 5540967  FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH  0.39 130.6 Lg      10:04:09.405 -0.7      T__          ---          5540968  FDSN HU      -- BUD  iLoc  HHZ ??? _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=1
PSZ   0.87 223.8 Pn      10:04:13.619 -0.2      T__          35.6      --- ML      1.5 5540965  FDSN GE      -- BUD  iLoc  HHZ HHZ _
PSZ   0.87 223.8 Lg      10:04:26.611 -0.1      T__          ---          5540966  FDSN GE      -- 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
2020/07/16 09:25:54.52  0.42  1.11  47.2289  18.2967  5.4  4.1 130  0.0  0.0  7  0 109  0.14  1.28  kx BUD  16001570  BUD
2020/07/16 09:25:52.43  0.98  1.11  47.2302  18.2835f  0.0f  7  5 109  0.13  1.29  kx BUD_GT 16001571  BUD
(locality : Iszkaszentgyörgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude  Err Nsta Author  OrigID
ML  1.3 0.2  2 BUD  16001571

```

```

Sta  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      09:25:55.199 -0.6      T__          330.3      --- ML      1.2 5541096  FDSN HU      -- iLoc  BUD  HHZ HHZ _
CSKK  0.13 353.3 Lg      09:25:57.803 -1.1      T__          ---          5541094  FDSN HU      -- iLoc  BUD  HHN ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=1
MPLH  0.51 263.5 Pg      09:26:04.606  1.5      T__          50.5      --- ML      1.4 5541095  FDSN HU      -- iLoc  BUD  HHE HHZ _
MPLH  0.51 263.5 Lg      09:26:12.374  1.3      T__          ---          5541090  FDSN HU      -- iLoc  BUD  HHZ ??? _
(Reading ML:  1.4 magdef=1
(Station ML:  1.4 magdef=1
HU10A 0.79 38.7 Lg      09:26:20.764 -0.9      T__          ---          5541091  FDSN ZJ      00 iLoc  BUD  HHN ??? _
MORH  1.05 166.2 Lg      09:26:27.451 -1.0      T__          ---          5541092  FDSN HU      -- iLoc  BUD  HHE ??? _
PSZ   1.29 57.1 Sn      09:26:36.334  0.2      T__          ---          5541093  FDSN GE      -- iLoc  BUD  HHN ??? _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2020/07/16 10:01:25.81  1.17  1.63  48.1025  17.0063  7.9  4.4 137  0.0f  12  7 196  0.33  1.32  sx BUD  16001572  BUD

```

```

Magnitude  Err Nsta Author  OrigID
ML  1.6 0.1  4 BUD  16001572

```

```

Sta  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 33.6 Pg      10:01:32.233 -0.7      T__          ---          5541123  FDSN SK      -- BUD  iLoc  HHZ ??? _
MODS  0.33 33.6 Lg      10:01:37.000 -1.6      T__          ---          5541124  FDSN SK      -- BUD  iLoc  HHN ??? _
A001A 0.69 336.3 Pg      10:01:40.438  0.9      T__          48.5      --- ML      1.6 5541128  FDSN Z3      00 BUD  iLoc  HH2 HHZ _
A001A 0.69 336.3 Lg      10:01:51.261  1.4      T__          ---          5541129  FDSN Z3      00 BUD  iLoc  HHZ ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
CONA  0.79 257.6 Lg      10:01:50.919 -0.8      T__          ---          5541125  FDSN OE      -- BUD  iLoc  HHZ ??? _
JAVC  0.88 30.0 Pg      10:01:45.686  1.9      T__          36.2      --- ML      1.5 5541126  FDSN CZ      -- BUD  iLoc  HHZ HHZ _

```

JAVC	0.88	30.0	Lg	10:01:58.678	1.3	T__	---	5541127	FDSN	CZ	--	BUD	iLoc	HHZ	???	_			
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
KRUC	1.04	337.3	Pg	10:01:46.071	0.3	T__	21.7	---	ML	1.4	5541130	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.04	337.3	Lg	10:01:59.024	-2.2	T__	---	5541131	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
VRAC	1.24	347.4	Lg	10:02:04.931	-2.5	T__	---	5541132	FDSN	CZ	--	BUD	iLoc	HHZ	???	_			
ARSA	1.32	230.2	Pg	10:01:51.192	-0.6	T__	40.3	---	ML	1.8	5541133	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.32	230.2	Lg	10:02:08.498	0.8	T__	---	5541134	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
2020/07/16	10:17:08.11	1.16	0.63	48.8507	20.9160	6.9	4.6	145	9.3	12.0	14	8	119	0.43	1.30	sx	BUD	16001574	BUD		226	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	6 BUD	16001574

Sta	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	0.43	215.2	Pg	10:17:17.211	0.3					T__		174.4		---	ML	1.7	5541197	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	215.2	Lg	10:17:23.865	0.4					T__				---		5541198	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
KECS	0.47	218.0	Pg	10:17:17.313	-0.2					T__		292.5		---	ML	2.1	5541199	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.47	218.0	Lg	10:17:24.342	-0.2					T__				---		5541200	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ABAH	0.60	158.7	Pg	10:17:19.818	-0.1					T__		95.3		---	ML	1.8	5541201	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.60	158.7	Lg	10:17:29.049	-0.0					T__				---		5541202	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	0.70	324.8	Lg	10:17:31.057	-0.0					T__				---		5541210	FDSN	PL	--	BUD	iLoc	BHZ	???	_	
HU02A	0.77	199.8	Pg	10:17:23.585	-0.4					T__		164.8		---	ML	2.1	5541203	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.77	199.8	Lg	10:17:35.013	-0.0					T__				---		5541206	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KOLS	0.90	84.2	Pg	10:17:24.952	-0.2					T__		16243.0		---	ML	4.2	5541204	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.90	84.2	Lg	10:17:39.233	1.0					T__				---		5541205	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 4.2 magdef=1)																									
(Station ML: 4.2 magdef=0)																									
PSZ	1.16	216.5	Pn	10:17:31.098	1.5					T__		71.6		---	ML	2.0	5541207	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.16	216.5	Lg	10:17:47.220	-0.4					T__				---		5541208	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
TRPA	1.30	123.1	Sn	10:17:50.422	0.4					T__				---		5541209	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
2020/07/16	12:26:24.14	3.86	2.91	47.9331	16.2703	23.2	13.6	74	0.0f		6	4	212	0.27	1.13	sx	BUD	16001576	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	0.27	269.1	Pg	12:26:29.574	-0.2					T__		262.8		---	ML	1.5	5541239	FDSN	OE	--	BUD	iLoc	HHN	HHZ	_
CONA	0.27	269.1	Lg	12:26:32.283	-1.4					T__				---		5541240	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.81	56.5	Lg	12:27:02.131	9.0					---				---		5541245	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A018A	0.83	257.2	Pg	12:26:40.840	0.7					T__		44.6		---	ML	1.6	5541244	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.83	257.2	Lg	12:26:52.754	2.2					T__				---		5541243	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.85	216.8	Lg	12:26:50.601	-0.7					T__				---		5541241	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
KRUC	1.13	4.2	Sn	12:27:07.289	4.2					T__				---		5541242	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
2020/07/16	17:45:45.06	0.79	0.81	48.5908	17.6295	3.1	2.9	77	9.1	1.3	23	12	64	0.27	1.35	ke	BUD	16001578	BUD		101	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	10 BUD	16001578

Sta	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	17:45:51.051	0.0					T__		338.8		---	ML	1.6	5541291	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.27	5.8	Lg	17:45:55.469	-0.2					T__				---		5541292	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																					
MODS	0.32	227.3	Pg	17:45:51.439	-0.5					T__				---		5541289	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.32	227.3	Lg	17:45:56.383	-0.8					T__				---		5541290	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
A337A	0.36	162.8	Pg	17:45:52.998	0.4					T__		333.6		---	ML	1.8	5541297	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A337A	0.36	162.8	Lg	17:46:00.106	1.6					T__				---		5541298	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																					
A335A	0.49	106.8	Pg	17:45:55.144	-0.0					T__		214.7		---	ML	2.0	5541299	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.49	106.8	Lg	17:46:02.081	-0.7					T__				---		5541300	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																					
A332A	0.59	68.5	Pg	17:45:57.173	0.1					T__		178.0		---	ML	2.1	5541302	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A332A	0.59	68.5	Lg	17:46:06.125	0.7					T__				---		5541301	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																					
A001A	0.70	281.7	Pg	17:46:00.083	1.1					T__		47.7		---	ML	1.6	5541303	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.70	281.7	Sn	17:46:11.576	-0.6					T__				---		5541304	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																					
A338A	0.75	139.8	Lg	17:46:10.447	-1.7					T__				---		5541305	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
KRUC	0.94	300.5	Pg	17:46:03.383	0.3					T__		26.3		---	ML	1.4	5541306	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.94	300.5	Lg	17:46:16.520	-0.5					T__				---		5541307	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																					
VRAC	0.99	316.8	Pn	17:46:04.615	0.2					T__		12.7		---	ML	1.2	5541295	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.99	316.8	Lg	17:46:17.502	-1.0					T__				---		5541296	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																					
MORC	1.19	357.3	Pn	17:46:07.699	0.5					T__		19.4		---	ML	1.4	5541308	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.19	357.3	Lg	17:46:23.584	-0.5					T__				---		5541309	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.4 magdef=1)																					

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(Station ML: 1.4 magdef=1
A008A 1.33 261.2 Pn 17:46:09.810 0.6 T__ 26.9 --- ML 1.7 5541310 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 1.33 261.2 Sn 17:46:27.221 0.1 T__ --- 5541311 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CONA 1.35 241.4 Pn 17:46:10.132 0.4 T__ 27.3 --- ML 1.7 5541293 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.35 241.4 Sn 17:46:28.969 0.9 T__ --- 5541294 FDSN OE -- BUD iLoc 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
2020/07/17 07:28:18.71 0.37 1.44 48.0961 19.3182 5.9 3.1 166 0.0 0.0 12 0 141 0.27 1.39 kx BUD 16001580 BUD
2020/07/17 07:28:18.43 0.91 2.46 47.9151 19.4088f 0.0f 12 7 149 0.13 1.50 kx BUD_GT 16001581 BUD 160
(locality : Szanda Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.8 0.0 5 BUD 16001581

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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 95.0 Pg 07:28:22.657 1.1 T__ 2805.5 --- ML 2.1 5541357 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU03A 0.13 95.0 Lg 07:28:28.667 4.6 T__ --- 5541358 FDSN ZJ 00 iLoc BUD HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU10A 0.27 255.2 Pg 07:28:24.023 -0.4 T__ 798.6 --- ML 2.0 5541359 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU10A 0.27 255.2 Lg 07:28:29.573 0.4 T__ --- 5541360 FDSN ZJ 00 iLoc BUD HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.33 89.2 Pg 07:28:25.005 -0.8 T__ 249.1 --- ML 1.6 5541355 FDSN GE -- iLoc BUD HHZ HHZ _
PSZ 0.33 89.2 Lg 07:28:30.561 -0.9 T__ --- 5541356 FDSN GE -- iLoc BUD HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
HU02A 0.78 74.1 Pg 07:28:32.987 -1.6 T__ 77.8 --- ML 1.8 5541363 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU02A 0.78 74.1 Lg 07:28:45.558 -1.2 T__ --- 5541364 FDSN ZJ 00 iLoc BUD HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 0.95 52.0 Pg 07:28:37.098 -0.3 T__ 59.9 --- ML 1.8 5541361 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 0.95 52.0 Lg 07:28:49.920 -1.8 T__ --- 5541362 FDSN ZJ -- iLoc BUD HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU08A 1.11 244.8 Sn 07:28:57.624 0.2 T__ --- 5541365 FDSN ZJ 00 iLoc BUD HHE ??? _
MODS 1.50 288.6 Sn 07:29:01.586 -5.9 T__ --- 5541366 FDSN SK -- iLoc BUD 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
2020/07/17 08:09:12.29 2.58 0.55 47.9349 20.4114 22.8 4.6 142 0.0f 8 4 245 0.20 0.57 sx BUD 16001582 BUD 343

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Magnitude Err Nsta Author OrigID
ML 1.0 0.2 4 BUD 16001582

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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	22.1	Pg	08:09:17.123	0.1					T__		143.7		---	ML	1.0	5541398	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	22.1	Lg	08:09:20.335	-0.5					T__				---		5541399	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
PSZ	0.35	267.5	Pg	08:09:20.107	-0.0					T__		32.4		---	ML	0.8	5541402	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.35	267.5	Lg	08:09:26.123	0.1					T__				---		5541400	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KECS	0.55	5.1	Pg	08:09:24.113	0.7					T__		152.5		---	ML	2.0	5541396	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.55	5.1	Lg	08:09:32.003	0.1					T__				---		5541397	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JOS	0.57	8.6	Pg	08:09:23.902	0.2					T__		16.0		---	ML	1.0	5541401	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.57	8.6	Lg	08:09:31.648	-0.8					T__				---		5541395	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(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
2020/07/17	09:22:40.87	1.23	0.50	47.6049	16.3663	8.6	6.4	27	0.8	9.1	9	7	132	0.15	1.46	sx	BUD	16001584	BUD			179

Magnitude Err Nsta Author OrigID

Sta	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	58.8	Pg	09:22:44.070	-0.0					T__		149.9		---	ML	0.9	5541432	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.15	58.8	Lg	09:22:46.367	-0.0					T__				---		5541428	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
CONA	0.47	313.7	Pg	09:22:50.023	-0.3					T__		71.0		---	ML	1.5	5541429	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.47	313.7	Lg	09:22:56.808	0.2					T__				---		5541430	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
ARSA	0.67	238.5	Lg	09:23:02.160	-0.2					T__				---		5541431	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
EGYH	0.68	105.7	Lg	09:23:04.627	0.2					T__				---		5541433	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
A018A	0.88	279.5	Lg	09:23:09.938	0.9					T__				---		5541434	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
MODS	0.98	38.2	Lg	09:23:15.245	-0.1					T__				---		5541435	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KRUC	1.46	0.7	Sn	09:23:26.921	-0.5					T__				---		5541436	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
2020/07/17	09:30:27.89	0.49	0.88	48.3447	21.2350	6.8	3.9	19	0.0	0.0	10	0	175	0.05	0.99	kx	BUD	16001586	BUD			
2020/07/17	09:30:26.22	0.95	0.46	48.2470	21.2460f				0.0f		10	6	153	0.05	0.96	kx	BUD_GT	16001587	BUD			255

(locality : Tálya Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.3 5 BUD 16001587

Sta	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	09:30:28.058	0.3					T__		2579.9		---	ML	1.8	5541462	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:30:29.688	0.3					T__				---		5541463	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
HU02A	0.50	255.8	Pg	09:30:36.290	-0.5					T__		29.3		---	ML	1.2	5541467	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_

HU02A	0.50	255.8	Lg	09:30:44.186	-0.7	T__	---	5541468	FDSN	ZJ	00	iLoc	BUD	HHE	???	_			
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=0)																			
JOS	0.53	298.1	Pg	09:30:37.223	0.3	T__	36.3	---	ML	1.3	5541464	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:30:44.390	-0.7	T__	---	5541465	FDSN	ZJ	--	iLoc	BUD	HHZ	???	_			
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
KECS	0.56	295.3	Pg	09:30:37.855	0.4	T__	86.7	---	ML	1.7	5541466	FDSN	SK	--	iLoc	BUD	EHN	EHZ	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
TRPA	0.87	97.2	Lg	09:30:57.369	-0.3	T__	---	5541469	FDSN	HU	--	iLoc	BUD	HHZ	???	_			
PSZ	0.96	250.6	Pn	09:30:46.378	0.3	T__	30.0	---	ML	1.5	5541471	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:31:01.236	0.3	T__	---	5541470	FDSN	GE	--	iLoc	BUD	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
2020/07/18	02:21:53.87	5.84	0.66	48.4168	21.7811	45.0	27.8	161	0.0f	4	2	335	0.83	0.89	ke	BUD	16001588	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	
JOS	0.83	275.9	Pn	02:22:11.085	-0.5					T__		29.8		---	ML	1.4	5541494	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.83	275.9	Lg	02:22:22.920	0.1					T__				---		5541495	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
HU02A	0.89	251.1	Pn	02:22:12.952	0.4					T__		21.8		---	ML	1.3	5541496	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	251.1	Lg	02:22:25.827	-0.1					T__				---		5541497	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	
2020/07/18	06:06:00.66	4.12	0.05	47.6694	20.3795	22.5	8.6	37	13.8	15.6	6	3	307	0.03	0.09	ke	BUD	16001590	BUD			343	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	16001590

Sta	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	234.6	Pg	06:06:03.450	0.0					T__		1542.6		---	ML	1.6	5541537	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TENKA	0.03	234.6	Lg	06:06:05.495	-0.0					T__				---		5541538	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
ATAN3	0.06	198.0	Pg	06:06:03.642	-0.0					T__		1064.4		---	ML	1.5	5541541	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ATAN3	0.06	198.0	Lg	06:06:05.918	0.1					T__				---		5541542	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
HU23A	0.09	250.9	Pg	06:06:04.068	0.0					T__		176.4		---	ML	0.8	5541539	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU23A	0.09	250.9	Lg	06:06:06.545	-0.0					T__				---		5541540	FDSN	ZJ	00	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		

2020/07/18 10:31:15.73 1.11 0.46 47.6918 20.3371 6.4 4.2 3 6.9 10.5 14 7 124 0.04 0.86 ke BUD 16001592 BUD 152

Magnitude Err Nsta Author OrigID
 ML 1.4 0.2 7 BUD 16001592

Sta	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	0.04	168.9	Pg	10:31:17.349	-0.1					T__		4509.4		---	ML	2.1 5541585	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.04	168.9	Lg	10:31:19.393	0.6					T__				---		5541586	FDSN	HU	--	BUD	iLoc	HNN	???	_
HU23A	0.08	228.2	Pg	10:31:17.942	-0.1					T__		812.8		---	ML	1.4 5541583	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.08	228.2	Lg	10:31:20.442	0.5					T__				---		5541584	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
ATAN3	0.08	173.1	Pg	10:31:17.553	-0.5					T__		21146.2		---	ML	2.9 5541581	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATAN3	0.08	173.1	Lg	10:31:19.812	-0.0					T__				---		5541582	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.9 magdef=1)																								
(Station ML: 2.9 magdef=0)																								
PSZ	0.37	307.4	Pg	10:31:23.749	-0.2					T__		39.4		---	ML	0.9 5541579	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.37	307.4	Lg	10:31:29.370	-0.7					T__				---		5541580	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=0)																								
HU02A	0.45	16.3	Pg	10:31:25.293	0.1					T__		37.9		---	ML	1.1 5541588	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	16.3	Lg	10:31:32.374	-0.0					T__				---		5541587	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=1)																								
JOS	0.82	9.5	Pn	10:31:32.625	0.5					T__		24.8		---	ML	1.3 5541576	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.82	9.5	Lg	10:31:44.421	0.7					T__				---		5541577	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
ABAH	0.86	44.7	Pn	10:31:32.783	0.1					T__		38.5		---	ML	1.6 5541578	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.86	44.7	Lg	10:31:45.269	-0.2					T__				---		5541589	FDSN	HU	--	BUD	iLoc	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
 2020/07/19 18:10:40.75 4.12 0.04 47.6710 20.3757 23.6 8.6 34 13.9 15.9 6 3 305 0.03 0.09 ke BUD 16001596 BUD 338

Magnitude Err Nsta Author OrigID
 ML 1.3 0.9 3 BUD 16001596

Sta	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	228.2	Pg	18:10:43.567	0.0					T__		819.9		---	ML	1.3 5541724	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.03	228.2	Lg	18:10:45.610	-0.0					T__				---		5541725	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
ATAN3	0.06	195.3	Pg	18:10:43.772	-0.0					T__		2717.2		---	ML	1.9 5541726	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATAN3	0.06	195.3	Lg	18:10:46.029	0.0					T__				---		5541727	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
HU23A	0.09	249.4	Pg	18:10:44.147	-0.0					T__		98.6		---	ML	0.5 5541728	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.09	249.4	Lg	18:10:46.676	0.0					T__				---		5541729	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(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
2020/07/20	08:27:37.87	2.16	0.94	48.4939	19.3586	13.9	5.9	137	10.0f	10	8	160	0.68	1.27	sx	BUD	16001600	BUD			249	

Magnitude	Err	Nsta	Author	OrigID

Sta	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	0.68	147.9	Lg	08:28:02.253	-0.0					T__						5541868	FDSN	GE	--	BUD	iLoc	HHZ	???	_
HU10A	0.69	199.4	Lg	08:28:03.366	0.8					T__						5541869	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
ET1H	0.70	150.7	Lg	08:28:02.007	-0.7					T__						5541870	FDSN	HU	--	BUD	iLoc	HHZ	???	_
KECS	0.75	90.4	Lg	08:28:04.054	0.7					T__						5541863	FDSN	SK	--	BUD	iLoc	EHZ	???	_
JOS	0.79	89.4	Pg	08:27:52.909	-0.5					T__		77.2				5541864	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.79	89.4	Lg	08:28:04.048	-0.4					T__						5541865	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
HU02A	0.86	115.1	Pn	08:27:54.698	-0.3					T__		26.4				5541866	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.86	115.1	Lg	08:28:08.716	0.9					T__						5541867	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
JAVC	1.18	288.7	Sn	08:28:17.211	-0.3					T__						5541871	FDSN	CZ	--	BUD	iLoc	HHZ	???	_
ABAH	1.27	98.3	Lg	08:28:22.253	1.8					T__						5541872	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	
2020/07/20	08:34:33.94	1.34	0.61	48.2127	21.3853	12.7	10.0	91	0.0	0.0	8	0	310	0.13	0.66	kx	BUD	16001602	BUD				
2020/07/20	08:34:34.91	0.98	0.55	48.2470	21.2460f				0.0f		8	4	260	0.05	0.56	kx	BUD_GT	16001603	BUD				317

(locality : Tallya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	16001603

Sta	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	08:34:36.785	0.3					T__		831.9				5541895	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	08:34:38.310	0.2					T__						5541896	FDSN	HU	--	iLoc	BUD	HHZ	???	_
HU02A	0.50	255.8	Pg	08:34:44.534	-0.9					T__		23.3				5541902	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	08:34:53.302	-0.3					T__						5541897	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
JOS	0.53	298.1	Pg	08:34:46.148	0.5					T__		25.6				5541899	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	08:34:53.144	-0.7					T__						5541898	FDSN	ZJ	--	iLoc	BUD	HHZ	???	_
KECS	0.56	295.3	Pg	08:34:46.701	0.5					T__		54.6				5541900	FDSN	SK	--	iLoc	BUD	EHE	EHZ	_
KECS	0.56	295.3	Lg	08:34:54.597	-0.1					T__						5541901	FDSN	SK	--	iLoc	BUD	EHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/07/20	08:45:29.22	0.38	0.94	47.5713	18.3998	6.2	3.6	131	0.0	0.0	7	0	134	0.07	1.07	kx	BUD	16001604	BUD				
2020/07/20	08:45:26.84	0.95	0.29	47.5600	18.4573f				0.0f		7	5	145	0.09	1.03	kx	BUD_GT	16001605	BUD				181

(locality : Tatabánya Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.7 0.4 2 BUD 16001605

Sta	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	08:45:29.402	0.1					T__		2640.6		---	ML	2.0 5541928	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	08:45:31.207	-0.4					T__				---		5541929	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
CSKK	0.24	214.2	Pg	08:45:32.184	0.1					T__		293.1		---	ML	1.4 5541926	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	08:45:36.480	-0.3					T__				---		5541927	FDSN	HU	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
HU08A	0.38	250.6	Lg	08:45:41.226	-0.3					T__				---		5541930	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
HU10A	0.47	52.8	Lg	08:45:45.087	0.3					T__				---		5541931	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
PSZ	1.03	69.2	Lg	08:46:04.427	0.2					T__				---		5541932	FDSN	GE	--	iLoc	BUD	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/07/20	09:35:35.47	1.23	0.29	47.8218	19.0968	24.2	4.6	3	0.0	0.0	6	0	214	0.06	1.18	kx	BUD	16001606	BUD			
2020/07/20	09:35:33.16	1.46	1.13	47.8355	19.1270f				0.0f		6	4	197	0.07	1.15	kx	BUD_GT	16001607	BUD			333

(locality : Sejce-Vác Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.0 2 BUD 16001607

Sta	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	Lg	09:35:36.712	-0.3					T__				---		5541956	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_
PSZ	0.52	80.6	Lg	09:35:52.491	-0.5					T__				---		5541953	FDSN	GE	--	iLoc	BUD	HHZ	???	_
HU02A	0.98	72.5	Pn	09:35:54.792	1.6					T__		29.3		---	ML	1.5 5541954	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	09:36:08.573	-0.4					T__				---		5541955	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
JOS	1.15	54.5	Pn	09:35:57.304	1.8					T__		25.3		---	ML	1.5 5541951	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	1.15	54.5	Sn	09:36:13.084	0.0					T__				---		5541952	FDSN	ZJ	--	iLoc	BUD	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
2020/07/20	09:49:17.41	2.64	0.18	48.3836	19.6372	18.1	5.2	124	0.0f		9	5	256	0.48	0.65	sx	BUD	16001608	BUD			279

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 4 BUD 16001608

Sta	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	0.48	183.0	Lg	09:49:35.177	0.2					T__				---		5541986	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_

PSZ	0.50	159.6	Pg	09:49:28.025	-0.2	T__	34.0	---	ML	1.2	5541984	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.50	159.6	Lg	09:49:36.152	0.0	T__		---			5541985	FDSN	GE	--	BUD	iLoc	HHZ	???	_
KECS	0.57	79.7	Pg	09:49:29.013	0.1	T__	65.6	---	ML	1.6	5541988	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.57	79.7	Lg	09:49:37.784	0.1	T__		---			5541987	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.61	79.1	Pg	09:49:29.537	-0.1	T__	28.5	---	ML	1.3	5541980	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	79.1	Lg	09:49:38.834	-0.1	T__		---			5541981	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
HU02A	0.65	113.5	Pg	09:49:31.220	0.3	T__	23.4	---	ML	1.2	5541982	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.65	113.5	Lg	09:49:41.057	-0.1	T__		---			5541983	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
2020/07/20	12:57:59.21	1.31	0.55	48.3295	19.8755	9.4	4.4	113	10.0f		10	5	196	0.41	1.13	sx	BUD	16001610	BUD			258

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	16001610

Sta	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	178.2	Pg	12:58:08.233	-0.1					T__		167.6		---	ML	1.7	5542044	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.41	178.2	Lg	12:58:14.926	0.1					T__				---		5542045	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.43	69.0	Pg	12:58:08.032	-0.1					T__		205.6		---	ML	1.8	5542038	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.43	69.0	Lg	12:58:15.344	0.7					T__				---		5542039	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
JOS	0.47	69.1	Pg	12:58:08.519	-0.2					T__		103.3		---	ML	1.6	5542040	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	69.1	Lg	12:58:15.607	-0.2					T__				---		5542041	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.48	115.3	Pg	12:58:09.544	0.2					T__		79.6		---	ML	1.5	5542042	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	115.3	Lg	12:58:16.343	-0.5					T__				---		5542043	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
NIE	1.13	14.3	Pn	12:58:21.182	1.1					T__		13.3		---	ML	1.2	5542047	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.13	14.3	Lg	12:58:35.266	-0.3					T__				---		5542046	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(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		
2020/07/21	06:49:09.77	1.65	0.68	48.0675	20.6706	11.4	4.8	0	0.0f		7	4	240	0.11	0.44	sx	BUD	16001612	BUD					310

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	16001612

Sta	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	299.4	Pg	06:49:12.744	0.1					T__		720.7		---	ML	1.5	5542135	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.11	299.4	Lg	06:49:15.065	-0.1					T__				---		5542136	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.43	343.5	Lg	06:49:25.463	0.1					T__				---		5542139	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.44	348.5	Pg	06:49:19.029	0.4					T__		55.3		---	ML	1.3	5542133	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

```

JOS      0.44 348.5 Lg      06:49:24.917  -0.6          T__          ---          5542134      FDSN ZJ      -- BUD  iLoc  HHZ ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=1
ABAH     0.44  58.8 Pg      06:49:19.270   0.4          T__          47.4         --- ML      1.2 5542138      FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH     0.44  58.8 Lg      06:49:25.556  -1.1          T__          ---          5542137      FDSN HU      -- BUD  iLoc  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
2020/07/21 08:15:55.12  1.59  0.63 48.4550  21.4105  9.1  7.4 87  0.0f      8  5 165  0.20  0.75  sx BUD      16001616  BUD          301

```

```

Magnitude Err Nsta Author      OrigID
ML      1.2 0.0   3 BUD      16001616

```

```

Sta  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  0.20 215.7 Pg      08:15:59.736  0.3          T__          164.2         --- ML      1.1 5542205      FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH  0.20 215.7 Lg      08:16:03.524  0.2          T__          ---          5542206      FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=1
JOS   0.58 274.4 Pg      08:16:07.140  0.4          T__          23.3         --- ML      1.2 5542209      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.58 274.4 Lg      08:16:15.477 -0.1          T__          ---          5542210      FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=1
KECS  0.62 273.0 Lg      08:16:16.886  0.1          T__          ---          5542212      FDSN SK      -- BUD  iLoc  EHN ??? _
HU02A 0.68 240.9 Pg      08:16:08.560 -0.7          T__          20.9         --- ML      1.2 5542207      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 0.68 240.9 Lg      08:16:19.054 -0.9          T__          ---          5542208      FDSN ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=1
KOLS  0.75  49.7 Lg      08:16:20.913 -0.7          T__          ---          5542211      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
2020/07/21 08:23:43.15  3.28  0.49 48.5911  20.7440 19.8 10.5 30 10.0f      8  5 232  0.17  1.28  sx BUD      16001618  BUD          319

```

```

Magnitude Err Nsta Author      OrigID
ML      1.3 0.0   3 BUD      16001618

```

```

Sta  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   0.17 235.0 Pg      08:23:47.020  0.0          T__          315.0         --- ML      1.3 5542236      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.17 235.0 Lg      08:23:50.518  0.5          T__          ---          5542237      FDSN ZJ      -- BUD  iLoc  HHZ ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=1
KECS  0.20 237.9 Pg      08:23:47.481 -0.2          T__          803.6         --- ML      1.8 5542238      FDSN SK      -- BUD  iLoc  EHE EHZ _
KECS  0.20 237.9 Lg      08:23:51.110 -0.1          T__          ---          5542239      FDSN SK      -- BUD  iLoc  EHE ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
HU02A 0.49 197.4 Pg      08:23:53.779  0.2          T__          39.1         --- ML      1.3 5542240      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 0.49 197.4 Lg      08:24:00.433 -0.7          T__          ---          5542241      FDSN ZJ      00 BUD  iLoc  HHZ ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=1
PSZ   0.88 220.5 Sn      08:24:14.986  0.4          T__          ---          5542242      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			
TRPA	1.28	110.4	Sn	08:24:24.712	0.5					T__							5542243	FDSN	HU	--	BUD	iLoc	HHZ ??? _		
2020/07/21	08:59:05.14	0.58	0.69	46.1097	18.3156	9.4	4.4	159	0.0	0.0	5	0	196	0.15	0.42	kx	BUD	16001620	BUD						
2020/07/21	08:59:03.75	1.01	0.56	46.1765	18.2926f				0.0f		5	3	155	0.16	0.35	kx	BUD_GT	16001621	BUD				275		
(locality : Komló Hungary)																									
(description : known quarry blast)																									
(GT info : GT2 explosion)																									
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.3	0.3	2	BUD	16001621																				
Sta	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	08:59:07.333	-0.3					T__		563.4			ML	1.5	5542263	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:59:10.292	-0.4					T__						5542264	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.25	80.9	Pg	08:59:09.437	0.2					T__		148.9			ML	1.2	5542265	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:59:13.474	-0.2					T__						5542266	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A266A	0.35	356.8	Lg	08:59:18.126	1.0					T__						5542267	FDSN	Z3	00	iLoc	BUD	HHZ	???	_	
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2020/07/21	09:02:43.02	2.76	1.70	48.4703	21.3806	10.0	9.0	134	0.0	4.2	7	5	156	0.20	0.75	sx	BUD	16001622	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	
ABAH	0.20	208.4	Pg	09:02:48.004	0.6					T__		145.9			ML	1.0	5542287	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.20	208.4	Lg	09:02:50.568	-0.7					T__						5542288	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
JDS	0.56	272.9	Lg	09:03:04.113	1.4					T__						5542291	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
KECS	0.60	271.6	Lg	09:03:05.165	1.2					T__						5542292	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
HU02A	0.67	238.9	Pg	09:02:55.736	-1.2					T__		21.9			ML	1.2	5542289	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.67	238.9	Lg	09:03:05.993	-1.5					T__						5542290	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
KOLS	0.75	51.6	Lg	09:03:08.648	-1.0					T__						5542293	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			
2020/07/21	09:20:29.91	0.82	0.66	47.2534	18.3575	18.6	4.8	63	0.0	0.0	4	0	200	0.13	1.06	kx	BUD	16001624	BUD						
2020/07/21	09:20:28.12	1.07	0.22	47.2302	18.2835f				0.0f		4	3	172	0.13	1.05	kx	BUD_GT	16001625	BUD					316	
(locality : Iszkaszentgyörgy Hungary)																									
(description : known quarry blast)																									
(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	09:20:31.553	0.1					T__		259.0			ML	1.1	5542309	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:20:34.302	-0.3					T__						5542310	FDSN	HU	--	iLoc	BUD	HHN	???	_	

```

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU08A 0.32 309.6 Lg 09:20:40.436 -0.2 T__ --- 5542311 FDSN ZJ 00 iLoc BUD HHE ??? _
MORH 1.05 166.2 Lg 09:21:04.251 0.1 T__ --- 5542312 FDSN HU -- iLoc BUD HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/07/21 09:30:00.25 0.44 0.59 47.2582 18.4078 5.3 4.4 74 0.0 0.0 6 0 114 0.15 1.20 kx BUD 16001626 BUD
2020/07/21 09:29:59.32 1.06 2.14 47.2302 18.2835f 0.0f 6 5 109 0.13 1.29 kx BUD_GT 16001627 BUD 172
(locality : Iszkaszentgyörgy Hungary)
(description : known quarry blast)
(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 09:30:02.893 0.3 T__ 487.6 --- ML 1.4 5542328 FDSN HU -- iLoc BUD HHZ HHZ _
CSKK 0.13 353.3 Lg 09:30:05.286 -0.5 T__ --- 5542329 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
MPLH 0.51 263.5 Lg 09:30:18.436 0.5 T__ --- 5542330 FDSN HU -- iLoc BUD HHN ??? _
MORH 1.05 166.2 Lg 09:30:34.479 -0.9 T__ --- 5542331 FDSN HU -- iLoc BUD HHE ??? _
KOVH 1.15 186.4 Sn 09:30:38.793 0.0 T__ --- 5542332 FDSN HU -- iLoc BUD HHE ??? _
PSZ 1.29 57.1 Sn 09:30:38.424 -4.6 T__ --- 5542333 FDSN GE -- iLoc BUD HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/07/21 10:01:45.97 1.20 0.69 48.8068 20.9179 9.8 4.4 152 10.0f 16 8 111 0.40 1.59 sx BUD 16001628 BUD 219

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 8 BUD 16001628
Sta 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 0.40 219.0 Pg 10:01:53.882 -0.3 T__ 143.9 --- ML 1.6 5542366 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.40 219.0 Lg 10:02:00.885 0.7 T__ --- 5542367 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
KECS 0.43 221.7 Pg 10:01:54.277 -0.5 T__ 210.8 --- ML 1.8 5542368 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.43 221.7 Lg 10:02:01.431 0.1 T__ --- 5542369 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.55 157.2 Pg 10:01:56.884 -0.1 T__ 68.1 --- ML 1.6 5542381 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.55 157.2 Lg 10:02:05.080 -0.5 T__ --- 5542370 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.73 201.0 Pg 10:02:00.556 -0.5 T__ 64.4 --- ML 1.7 5542371 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.73 201.0 Lg 10:02:11.892 0.2 T__ --- 5542372 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOLS 0.90 81.4 Pg 10:02:02.831 -0.3 T__ 12884.3 --- ML 4.1 5542373 FDSN SK -- BUD iLoc HHZ HHZ _
KOLS 0.90 81.4 Lg 10:02:16.415 0.2 T__ --- 5542374 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 4.1 magdef=1

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```

(Station ML: 4.1 magdef=0
PSZ 1.12 217.9 Pn 10:02:08.052 1.1 T__ 47.8 ___ ML 1.8 5542375 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.12 217.9 Sn 10:02:24.174 0.7 T__ ___ 5542376 FDSN GE -- BUD iLoc HHZ ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TRPA 1.27 121.5 Pn 10:02:10.208 1.4 T__ 34.9 ___ ML 1.8 5542377 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.27 121.5 Sn 10:02:27.199 0.1 T__ ___ 5542378 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
OJC 1.59 333.1 Pn 10:02:14.285 0.5 T__ 43.5 ___ ML 2.0 5542379 FDSN PL -- BUD iLoc BHZ BHZ _
OJC 1.59 333.1 Sn 10:02:34.589 -0.9 T__ ___ 5542380 FDSN PL -- BUD iLoc 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
2020/07/21 10:15:48.90 0.45 0.86 46.1139 18.0853 5.6 4.6 111 0.0 0.0 6 0 116 0.03 1.12 kx BUD 16001630 BUD
2020/07/21 10:15:46.54 1.01 0.88 46.1204 18.0243f 0.0f 6 4 127 0.06 1.10 kx BUD_GT 16001631 BUD 221
(locality : Bükkösd Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.5 2 BUD 16001631

```

```

Sta 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 10:15:48.394 -0.1 T__ 1604.9 ___ ML 1.7 5542424 FDSN HU -- iLoc BUD HHZ HHZ _
KOVH 0.06 121.4 Lg 10:15:49.637 -0.7 T__ ___ 5542425 FDSN HU -- iLoc BUD HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A273A 0.25 215.5 Lg 10:15:57.723 1.7 T__ ___ 5542429 FDSN Z3 00 iLoc BUD HHN ??? _
MORH 0.44 77.4 Pg 10:15:55.581 -0.2 T__ 31.8 ___ ML 1.0 5542426 FDSN HU -- iLoc BUD HHZ HHZ _
MORH 0.44 77.4 Lg 10:16:02.551 -0.4 T__ ___ 5542427 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MPLH 1.10 342.5 Sn 10:16:25.107 0.5 T__ ___ 5542428 FDSN HU -- iLoc BUD HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/07/22 08:23:29.19 1.34 0.80 47.3745 18.3282 6.9 6.0 106 0.0f 5 4 158 0.05 0.44 sx BUD 16001632 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
CSKK 0.05 256.1 Pg 08:23:30.956 0.1 T__ 851.9 ___ ML 1.4 5542447 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.05 256.1 Lg 08:23:33.119 0.5 T__ ___ 5542448 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.27 7.9 Lg 08:23:40.204 0.1 T__ ___ 5542450 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 0.28 281.8 Lg 08:23:39.507 -1.0 T__ ___ 5542449 FDSN ZJ 00 BUD iLoc HHE ??? _
A267A 0.44 166.2 Lg 08:23:45.562 -0.3 T__ ___ 5542451 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

```


2020/07/22 09:59:05.02 1.15 1.52 48.7302 20.7559 6.3 5.3 155 0.0f 13 7 139 0.28 1.33 sx BUD 16001634 BUD 260

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 6 BUD 16001634

Sta	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	0.28	211.6	Pg	09:59:11.594	0.9					T__		405.5		---	ML	1.7 5542479	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.28	211.6	Lg	09:59:15.433	0.4					T__				---		5542480	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
KECS	0.31	216.1	Pg	09:59:12.133	0.9					T__		730.6		---	ML	2.0 5542481	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.31	216.1	Lg	09:59:16.255	0.2					T__				---		5542482	FDSN	SK	--	BUD	iLoc	EHE	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
ABAH	0.54	143.3	Pg	09:59:16.656	0.7					T__		92.8		---	ML	1.8 5542483	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.54	143.3	Lg	09:59:23.416	-1.6					T__				---		5542484	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
HU02A	0.63	194.3	Pg	09:59:17.884	-0.2					T__		65.7		---	ML	1.7 5542485	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.63	194.3	Lg	09:59:25.196	-2.8					T__				---		5542486	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=0)																					
NIE	0.75	336.6	Lg	09:59:28.252	-1.7					T__				---		5542487	FDSN	PL	--	BUD	iLoc	BHZ	???	_	
PSZ	1.00	215.6	Pn	09:59:25.437	0.1					T__		74.7		---	ML	1.9 5542488	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	1.00	215.6	Lg	09:59:38.903	-1.8					T__				---		5542489	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
TRPA	1.33	116.1	Pg	09:59:32.041	1.4					T__		62.5		---	ML	2.0 5542490	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TRPA	1.33	116.1	Sn	09:59:48.137	-1.5					T__				---		5542491	FDSN	HU	--	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
2020/07/22 10:03:04.71 2.07 0.65 48.4502 19.5556 14.0 5.1 138 10.0f 8 6 234 0.55 0.73 sx BUD 16001636 BUD 268

Magnitude Err Nsta Author OrigID

Sta	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	0.55	176.9	Lg	10:03:25.141	0.8					T__				---		5542526	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.58	156.8	Lg	10:03:25.594	-0.3					T__				---		5542525	FDSN	GE	--	BUD	iLoc	HHE	???	_
KECS	0.62	86.6	Lg	10:03:26.344	0.3					T__				---		5542520	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.66	85.6	Pg	10:03:17.914	0.2					T__		25.9		---	ML	1.3 5542521	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	85.6	Lg	10:03:26.936	-0.2					T__				---		5542522	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
HU10A	0.70	210.9	Lg	10:03:29.421	-0.6					T__				---		5542527	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.73	116.5	Pg	10:03:19.755	0.1					T__		31.7		---	ML	1.4 5542523	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	116.5	Lg	10:03:29.316	-0.9					T__				---		5542524	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

2020/07/23 07:07:35.55 1.18 0.96 48.1431 21.3155 10.6 6.5 7 13.7 12.1 11 8 145 0.16 1.02 sx BUD 16001638 BUD 166

Magnitude Err Nsta Author OrigID
ML 1.3 0.0 3 BUD 16001638

Sta	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	341.7	Pg	07:07:39.599	-0.1					T__		326.8		___	ML	1.3 5542641	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.16	341.7	Lg	07:07:43.018	-0.1					T__				___		5542642	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU07A	0.43	111.7	Lg	07:07:51.768	0.3					T__				___		5542650	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU02A	0.53	268.0	Pg	07:07:46.437	-0.3					T__		34.7		___	ML	1.3 5542643	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.53	268.0	Lg	07:07:55.537	0.7					T__				___		5542644	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JOS	0.63	304.6	Pn	07:07:48.646	-0.0					T__		29.5		___	ML	1.3 5542645	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.63	304.6	Lg	07:07:57.457	0.4					T__				___		5542646	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
KECS	0.65	301.9	Sn	07:07:58.614	-1.3					T__				___		5542647	FDSN	SK	--	BUD	iLoc	EHN	???	_
TRPA	0.82	90.4	Sn	07:08:03.191	-1.1					T__				___		5542648	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.98	257.3	Sn	07:08:08.823	0.6					T__				___		5542651	FDSN	GE	--	BUD	iLoc	HHN	???	_
KOLS	1.02	38.5	Sn	07:08:11.002	1.5					T__				___		5542649	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
2020/07/23 08:26:47.08 2.08 1.22 47.9883 20.4243 21.1 4.3 140 0.0f 7 4 232 0.15 0.51 sx BUD 16001640 BUD 337

Magnitude Err Nsta Author OrigID
ML 1.1 0.1 4 BUD 16001640

Sta	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	26.7	Pg	08:26:50.766	0.0					T__		290.7		___	ML	1.2 5542678	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.15	26.7	Lg	08:26:53.738	-0.1					T__				___		5542679	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
				(Reading ML: 1.2 magdef=1)																				
				(Station ML: 1.2 magdef=1)																				
PSZ	0.36	259.1	Pg	08:26:56.099	0.9					T__		61.1		___	ML	1.1 5542681	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.36	259.1	Lg	08:26:59.129	-2.2					T__				___		5542680	FDSN	GE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.1 magdef=1)																				
				(Station ML: 1.1 magdef=1)																				
KECS	0.50	4.7	Pg	08:26:57.565	0.4					T__		98.7		___	ML	1.7 5542677	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
				(Reading ML: 1.7 magdef=1)																				
				(Station ML: 1.7 magdef=1)																				
JOS	0.51	8.6	Pg	08:26:57.749	0.3					T__		19.4		___	ML	1.0 5542675	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	8.6	Lg	08:27:05.547	0.1					T__				___		5542676	FDSN	ZJ	--	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
2020/07/23 11:41:08.49 1.03 0.67 48.6132 21.3364 6.8 4.3 152 0.0f 10 5 164 0.32 0.73 sx BUD 16001642 BUD 293

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD 16001642

Sta	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	0.32	191.5	Pg	11:41:15.232	-0.0					T__		99.1		___	ML	1.2 5542720	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.32	191.5	Lg	11:41:21.097	0.1					T__				___		5542715	FDSN	HU	--	BUD	iLoc	HHE	???	_

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
JOS 0.54 257.8 Pg 11:41:18.959 -0.4 T__ 52.4 ___ ML 1.5 5542711 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.54 257.8 Lg 11:41:28.542 1.0 T__ ___ 5542712 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.58 257.4 Pg 11:41:19.880 -0.2 T__ 148.4 ___ ML 2.0 5542716 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.58 257.4 Lg 11:41:29.664 0.8 T__ ___ 5542717 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOLS 0.70 62.3 Pg 11:41:21.668 -0.2 T__ 14489.5 ___ ML 4.0 5542718 FDSN SK -- BUD iLoc HHZ HHZ _
KOLS 0.70 62.3 Lg 11:41:34.082 0.8 T__ ___ 5542719 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 4.0 magdef=1
(Station ML: 4.0 magdef=0
HU02A 0.73 228.1 Pg 11:41:23.371 -0.3 T__ 35.1 ___ ML 1.5 5542713 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.73 228.1 Lg 11:41:34.256 -0.8 T__ ___ 5542714 FDSN ZJ 00 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
2020/07/24	07:41:52.61	1.06	0.68	48.4017	19.5603	6.0	4.2	122	0.0f		14	8	142	0.50	1.13	sx	BUD	16001644	BUD		228	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	7 BUD	16001644

Sta	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	0.50	177.0	Pg	07:42:03.863	0.7					T__		63.7		___	ML	1.5 5542763	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU03A	0.50	177.0	Lg	07:42:10.807	-0.0					T__				___		5542764	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
PSZ	0.53	155.1	Pg	07:42:04.238	0.1					T__		37.8		___	ML	1.4 5542761	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.53	155.1	Lg	07:42:12.234	-0.3					T__				___		5542762	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																									
KECS	0.62	82.1	Pg	07:42:05.439	0.4					T__		140.6		___	ML	2.0 5542767	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.62	82.1	Lg	07:42:14.065	-0.4					T__				___		5542768	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0																									
JOS	0.66	81.4	Pg	07:42:06.027	0.3					T__		33.5		___	ML	1.4 5542758	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.66	81.4	Lg	07:42:15.580	-0.2					T__				___		5542769	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
HU10A	0.66	213.3	Pg	07:42:06.063	-0.3					T__		52.7		___	ML	1.6 5542765	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
HU02A	0.70	113.1	Pg	07:42:07.766	0.5					T__		34.2		___	ML	1.4 5542770	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.70	113.1	Lg	07:42:16.784	-1.5					T__				___		5542771	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
LANS	0.75	355.4	Lg	07:42:17.480	-0.2					T__				___		5542766	FDSN	SK	--	BUD	iLoc	EHE	???	_	
ABAH	1.13	94.8	Pn	07:42:15.429	1.0					T__		42.5		___	ML	1.8 5542759	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	1.13	94.8	Sn	07:42:31.025	-0.7					T__				___		5542760	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
2020/07/24	07:44:30.39	0.38	0.89	47.5420	18.4226	7.3	3.8	102	0.0	0.0	7	0	132	0.10	1.34	kx	BUD	16001646	BUD			
2020/07/24	07:44:28.85	0.97	0.41	47.5600	18.4573f				0.0f		7	4	121	0.09	1.35	kx	BUD_GT	16001647	BUD			207

(locality : Tatabánya Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	3 BUD	16001647

Sta	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	07:44:31.567	0.3					T__		2615.2		___	ML	2.0	5542804	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	07:44:33.388	-0.2					T__				___		5542805	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																									
CSKK	0.24	214.2	Pg	07:44:34.131	0.0					T__		308.4		___	ML	1.5	5542802	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	07:44:38.010	-0.8					T__				___		5542803	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
HU10A	0.47	52.8	Lg	07:44:47.152	0.3					T__				___		5542807	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
MORH	1.35	174.5	Pn	07:44:53.695	0.0					T__		22.1		___	ML	1.6	5542808	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	1.35	174.5	Sn	07:45:12.950	-0.4					T__				___		5542806	FDSN	HU	--	iLoc	BUD	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	
2020/07/24	08:13:50.83	0.48	0.72	46.0835	18.1269	11.1	4.1	165	0.0	0.0	5	0	162	0.02	0.38	kx	BUD	16001648	BUD				
2020/07/24	08:13:48.33	1.02	1.07	46.1204	18.0243f				0.0f		5	3	221	0.06	0.44	kx	BUD_GT	16001649	BUD				316

(locality : Bükkösd Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.5	2 BUD	16001649

Sta	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	08:13:50.280	0.0					T__		1431.1		___	ML	1.6	5542828	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	08:13:51.500	-0.6					T__				___		5542829	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
A273A	0.25	215.5	Lg	08:13:59.420	1.6					T__				___		5542832	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
MORH	0.44	77.4	Pg	08:13:57.635	0.1					T__		27.8		___	ML	1.0	5542831	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.44	77.4	Lg	08:14:03.460	-1.2					T__				___		5542830	FDSN	HU	--	iLoc	BUD	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
2020/07/24	09:06:14.92	4.15	0.24	46.0539	18.3349	62.0	4.4	168	0.0f	4	2	228	0.17	0.27	sx	BUD	16001650	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	0.17	282.0	Pg	09:06:18.988	0.1					T__		340.9		---	ML	1.3	5542849	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.17	282.0	Lg	09:06:21.947	-0.2					T__				---		5542850	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	0.27	53.0	Pg	09:06:20.803	-0.0					T__		117.2		---	ML	1.1	5542851	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.27	53.0	Lg	09:06:25.748	0.2					T__				---		5542852	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	
2020/07/24	10:01:19.65	0.94	0.82	48.8399	20.8921	5.1	4.2	101	4.6	17.0	14	8	117	0.42	1.31	sx	BUD	16001652	BUD			226	

Magnitude Err Nsta Author OrigID

ML 1.8 0.1 8 BUD 16001652

Sta	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	214.3	Pg	10:01:28.016	0.0					T__		93.2		---	ML	1.4	5542885	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.42	214.3	Lg	10:01:35.130	0.8					T__				---		5542886	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																					
KECS	0.45	217.2	Pg	10:01:28.766	0.1					T__		153.5		---	ML	1.7	5542888	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.45	217.2	Lg	10:01:35.696	0.3					T__				---		5542887	FDSN	SK	--	BUD	iLoc	EHE	???	_	
				(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																					
ABAH	0.59	156.9	Pg	10:01:31.080	-0.2					T__		67.5		---	ML	1.7	5542891	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.59	156.9	Lg	10:01:39.930	-1.0					T__				---		5542892	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																					
NIE	0.70	326.3	Pg	10:01:33.118	0.2					T__		36.3		---	ML	1.4	5542889	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.70	326.3	Lg	10:01:41.337	-1.5					T__				---		5542890	FDSN	PL	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																					
HUO2A	0.76	198.9	Pg	10:01:34.867	-0.4					T__		77.4		---	ML	1.8	5542893	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																					
KOLS	0.92	83.6	Pg	10:01:37.451	0.5					T__		14740.2		---	ML	4.2	5542894	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.92	83.6	Lg	10:01:50.628	-0.2					T__				---		5542895	FDSN	SK	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 4.2 magdef=1 Station ML: 4.2 magdef=0)																					
PSZ	1.14	216.2	Pn	10:01:42.369	0.9					T__		72.2		---	ML	2.0	5542896	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.14	216.2	Lg	10:01:58.465	-0.5					T__				---		5542897	FDSN	GE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																					
TRPA	1.31	122.3	Pn	10:01:44.605	1.0					T__		40.3		---	ML	1.8	5542898	FDSN	HU	--	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
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2020/07/24 10:30:02.89 1.57 1.19 48.3783 17.3283 13.8 3.8 142 0.0f 7 4 220 0.03 1.08 sx BUD 16001654 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	
MODS	0.03	262.2	Pg	10:30:03.802	-0.5					T__						5542930	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.03	262.2	Lg	10:30:06.005	0.3					T__						5542931	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.53	25.1	Pg	10:30:13.632	-0.4					T__		74.3			ML	1.7	5542932	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.53	25.1	Lg	10:30:23.468	0.8					T__						5542933	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
KRUC	0.92	318.3	Lg	10:30:34.414	0.2					T__						5542936	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
CONA	1.08	245.9	Pg	10:30:23.180	-1.0					T__		24.7			ML	1.5	5542934	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.08	245.9	Lg	10:30:40.045	1.9					T__						5542935	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
 2020/07/25 08:18:29.61 1.25 0.70 48.5880 20.8248 7.9 4.1 15 0.0f 13 7 193 0.21 1.32 ke BUD 16001656 BUD 260

Magnitude Err Nsta Author OrigID

ML 1.7 0.4 7 BUD 16001656

Sta	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	244.2	Pg	08:18:34.148	0.1					T__		601.0			ML	1.7	5542967	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.21	244.2	Lg	08:18:37.982	0.5					T__						5542968	FDSN	ZJ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
KECS	0.25	245.2	Pg	08:18:34.681	-0.1					T__		850.1			ML	1.9	5542969	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.25	245.2	Lg	08:18:39.224	0.5					T__						5542970	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
ABAH	0.40	136.4	Pg	08:18:38.232	0.3					T__		77.3			ML	1.3	5542972	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.40	136.4	Lg	08:18:44.156	-0.7					T__						5542971	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=0)																										
HU02A	0.51	203.3	Pg	08:18:40.010	-0.3					T__		46.7			ML	1.4	5542973	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.51	203.3	Lg	08:18:48.478	0.0					T__						5542974	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
PSZ	0.91	223.2	Pn	08:18:47.679	-1.1					T__		55.0			ML	1.7	5542976	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.91	223.2	Lg	08:19:02.302	-0.2					T__						5542977	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
LANS	1.06	302.6	Pg	08:18:50.249	-0.2					T__		70.2			ML	1.9	5542975	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=0)																										
VYHS	1.32	266.7	Pn	08:18:55.254	0.7					T__		13.5			ML	1.4	5542978	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	1.32	266.7	Sn	08:19:12.928	-1.3					T__						5542979	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

2020/07/26 20:28:40.03 0.93 0.84 45.9139 16.0200 8.3 3.3 136 0.0f 19 11 112 0.04 2.02 ke BUD 16001660 BUD 175

Magnitude Err Nsta Author OrigID
 ML 1.9 0.0 10 BUD 16001660

Sta	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	0.04	259.2	Pg	20:28:41.018	-0.4					T__		5180.9		---	ML	2.1 5543150	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
				20:28:41.985	-0.8					T__				---		5543151	FDSN	CR	--	BUD	iLoc	BHN	???	_
				(Reading ML: 2.1 magdef=1)																				
				(Station ML: 2.1 magdef=1)																				
ZAG	0.09	194.8	Pg	20:28:42.011	-0.2					T__		8634.9		---	ML	2.5 5543152	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.09	194.8	Lg	20:28:44.178	0.3					T__				---		5543153	FDSN	CR	--	BUD	iLoc	BHN	???	_
				(Reading ML: 2.5 magdef=1)																				
				(Station ML: 2.5 magdef=0)																				
CRES	0.40	257.6	Pg	20:28:47.909	0.0					T__		97.3		---	ML	1.4 5543154	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	257.6	Lg	20:28:54.530	0.7					T__				---		5543155	FDSN	SL	--	BUD	iLoc	BHE	???	_
				(Reading ML: 1.4 magdef=1)																				
				(Station ML: 1.4 magdef=0)																				
KOGS	0.56	16.6	Pg	20:28:50.517	-0.8					T__		120.3		---	ML	1.9 5543156	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.56	16.6	Lg	20:28:58.644	-0.4					T__				---		5543157	FDSN	SL	--	BUD	iLoc	BHE	???	_
				(Reading ML: 1.9 magdef=1)																				
				(Station ML: 1.9 magdef=1)																				
BEHE	0.76	43.1	Pg	20:28:56.290	0.5					T__		172.2		---	ML	2.2 5543158	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.76	43.1	Lg	20:29:06.511	0.1					T__				---		5543159	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 2.2 magdef=1)																				
				(Station ML: 2.2 magdef=0)																				
A264A	0.92	74.0	Lg	20:29:10.668	-0.4					T__				---		5543160	FDSN	Z3	00	BUD	iLoc	HNN	???	_
OBKA	1.18	300.8	Pg	20:29:02.920	0.4					T__		57.4		---	ML	1.9 5543161	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.18	300.8	Lg	20:29:18.359	0.1					T__				---		5543162	FDSN	OE	--	BUD	iLoc	HNN	???	_
				(Reading ML: 1.9 magdef=1)																				
				(Station ML: 1.9 magdef=1)																				
ARSA	1.38	345.8	Pn	20:29:07.162	0.9					T__		27.5		---	ML	1.7 5543167	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.38	345.8	Lg	20:29:23.941	-0.1					T__				---		5543168	FDSN	OE	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.7 magdef=1)																				
				(Station ML: 1.7 magdef=1)																				
KOVH	1.46	82.4	Pn	20:29:07.767	0.9					T__		21.2		---	ML	1.6 5543163	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.6 magdef=1)																				
				(Station ML: 1.6 magdef=0)																				
MORH	1.85	79.7	Pn	20:29:14.612	2.5					T__		21.9		---	ML	1.9 5543164	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.85	79.7	Lg	20:29:39.571	-0.6					T__				---		5543165	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.9 magdef=1)																				
				(Station ML: 1.9 magdef=1)																				
CONA	2.02	357.0	Pn	20:29:15.176	-0.0					T__		18.9		---	ML	1.9 5543166	FDSN	OE	--	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
 2020/07/27 05:46:34.79 1.49 1.08 46.0235 22.9332 17.2 5.4 98 9.3 14.6 9 5 199 0.14 1.01 sx BUD 16001662 BUD 262

Magnitude Err Nsta Author OrigID
 ML 1.7 0.0 4 BUD 16001662

Sta	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	188.5	Pg	05:46:37.997	0.0					T__		959.6		---	ML	1.7	5543210	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.14	188.5	Lg	05:46:39.937	-0.3					T__				---		5543211	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
GZR	0.64	189.9	Pg	05:46:47.389	0.2					T__		63.7		---	ML	1.7	5543213	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.64	189.9	Lg	05:46:56.804	0.5					T__				---		5543214	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	0.78	348.8	Pg	05:46:50.707	0.3					T__		52.8		---	ML	1.7	5543208	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.78	348.8	Lg	05:47:00.214	-1.5					T__				---		5543209	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
SIRR	0.92	285.9	Lg	05:47:06.678	1.2					T__				---		5543212	FDSN	RO	--	BUD	iLoc	HHE	???	_	
BZS	1.01	246.6	Pg	05:46:54.525	0.2					T__		22.1		---	ML	1.4	5543215	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.01	246.6	Lg	05:47:06.360	-1.3					T__				---		5543216	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
2020/07/27	09:49:27.44	0.58	0.77	47.2544	18.3471	9.4	4.0	64	0.0	0.0	5	0	191	0.12	1.06	kx	BUD	16001664	BUD			
2020/07/27	09:49:25.72	1.03	0.74	47.2302	18.2835f				0.0f		5	4	161	0.13	1.05	kx	BUD_GT	16001665	BUD			250

(locality : Iszkaszentgyörgy Hungary)

(description : known quarry blast)

(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	
CSKK	0.13	353.3	Pg	09:49:29.088	0.1					T__		242.4		---	ML	1.1	5543237	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:49:31.507	-0.7					T__				---		5543238	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
A267A	0.31	154.4	Lg	09:49:38.371	0.3					T__				---		5543241	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
MPLH	0.51	263.5	Lg	09:49:45.184	0.8					T__				---		5543239	FDSN	HU	--	iLoc	BUD	HHN	???	_	
MORH	1.05	166.2	Lg	09:50:00.753	-1.0					T__				---		5543240	FDSN	HU	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/07/28	09:00:47.28	2.26	1.25	48.6046	20.7868	16.2	5.2	1	0.0f		8	5	256	0.20	0.91	sx	BUD	16001670	BUD			321

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	16001670

Sta	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	236.6	Pg	09:00:51.253	-0.2					T__		179.2		---	ML	1.1	5543374	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	236.6	Lg	09:00:54.600	-0.1					T__				---		5543375	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.23	238.9	Lg	09:00:55.931	-0.0					T__				---		5543373	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ABAH	0.43	135.5	Pg	09:00:56.184	0.1					T__		62.3		---	ML	1.3	5543380	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_


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(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.51 200.0 Pg 09:00:59.023 0.9 T__ 40.5 ___ ML 1.3 5543376 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.51 200.0 Lg 09:01:04.941 -1.4 T__ ___ 5543377 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.91 221.3 Pg 09:01:08.322 1.9 T__ 46.7 ___ ML 1.7 5543378 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.91 221.3 Lg 09:01:18.868 -1.2 T__ ___ 5543379 FDSN GE -- 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
2020/07/28	09:12:40.82	1.04	0.70	47.6189	16.3792	8.1	4.1	157	0.0f		8	4	176	0.14	0.97	sx	BUD	16001672	BUD		249	

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Magnitude Err Nsta Author OrigID
ML 1.3 0.6 3 BUD 16001672

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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
SOP	0.14	61.9	Pg	09:12:43.586	-0.4					T__		124.4		___	ML	0.8 5543406	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	61.9	Lg	09:12:46.380	0.1					T__				___		5543407	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																								
CONA	0.47	311.8	Pg	09:12:49.701	-0.5					T__		49.7		___	ML	1.3 5543408	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.47	311.8	Lg	09:12:56.828	0.3					T__				___		5543409	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																								
ARSA	0.69	237.9	Pg	09:12:54.875	0.7					T__		64.0		___	ML	1.7 5543410	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.69	237.9	Lg	09:13:02.161	-0.7					T__				___		5543411	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								
MODS	0.97	38.3	Pg	09:13:01.457	1.0					T__				___		5543413	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.97	38.3	Lg	09:13:15.160	-0.2					T__				___		5543412	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
2020/07/28	09:20:57.98	0.93	1.21	48.5300	19.3597	6.2	3.6	11	0.0f		11	6	114	0.35	1.27	sx	BUD	16001674	BUD		217	

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 5 BUD 16001674

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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	0.35	264.3	Pg	09:21:05.457	0.2					T__		27.1		___	ML	0.7 5543446	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	264.3	Lg	09:21:10.132	-0.5					T__				___		5543447	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=0																								
LANS	0.63	6.5	Lg	09:21:18.692	-0.2					T__				___		5543448	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.71	149.5	Pg	09:21:14.106	1.0					T__		52.1		___	ML	1.6 5543449	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.71	149.5	Lg	09:21:23.311	-0.6					T__				___		5543450	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																								
JOS	0.79	92.1	Pg	09:21:13.597	0.0					T__		51.8		___	ML	1.7 5543442	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.79	92.1	Lg	09:21:24.853	-0.5	T__								5543443	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
HU02A	0.88	117.3	Pg	09:21:16.016	-0.1	T__	54.5							5543444	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.88	117.3	Lg	09:21:27.773	-1.8	T__								5543445	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
ABAH	1.27	99.9	Pg	09:21:24.889	2.0	T__	43.9							5543451	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.27	99.9	Sn	09:21:42.379	1.6	T__								5543452	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
2020/07/28	10:01:21.50	1.34	1.39	48.1348	16.9943	12.9	4.9	145	0.0f		9	5	182	0.30	1.28	sx	BUD	16001676	BUD		274	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	16001676

Sta	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	38.3	Pg	10:01:28.213	0.0					T__						5543482	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.30	38.3	Lg	10:01:32.698	-0.9					T__						5543483	FDSN	SK	--	BUD	iLoc	HHE	???	_	
CONA	0.79	255.2	Pg	10:01:37.544	0.4					T__	33.0				ML	1.5	5543488	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.79	255.2	Lg	10:01:46.236	-1.2					T__						5543485	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JAVC	0.85	31.6	Pn	10:01:41.909	1.5					T__	46.2				ML	1.6	5543484	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VRAC	1.20	347.4	Pg	10:01:44.842	0.5					T__	9.2				ML	1.1	5543489	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.20	347.4	Lg	10:02:01.780	-0.2					T__						5543490	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
VYHS	1.28	73.0	Pn	10:01:48.603	2.6					T__	10.3				ML	1.2	5543487	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.28	73.0	Sn	10:02:05.303	0.2					T__						5543486	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
2020/07/28	10:31:43.79	1.16	0.81	48.4480	19.5672	7.9	5.0	179	0.0f		8	5	169	0.49	0.72	sx	BUD	16001678	BUD		287	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	3 BUD	16001678

Sta	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	275.7	Lg	10:32:00.584	-0.6					T__						5543521	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.57	157.4	Pg	10:31:56.530	0.4					T__	30.2				ML	1.3	5543523	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.57	157.4	Lg	10:32:04.970	-0.1					T__						5543520	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.61	86.4	Lg	10:32:05.266	-0.1					T__						5543522	FDSN	SK	--	BUD	iLoc	EHN	???	_	

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JOS 0.65 85.4 Pg 10:31:57.291 0.6 T__ 29.2 ___ ML 1.3 5543516 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.65 85.4 Lg 10:32:05.786 -0.8 T__ ___ 5543517 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.72 116.6 Pg 10:31:59.184 0.5 T__ 19.2 ___ ML 1.2 5543518 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.72 116.6 Lg 10:32:08.652 -1.3 T__ ___ 5543519 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 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
2020/07/28 10:33:18.35 1.00 0.81 48.4441 19.5642 8.5 3.8 16 0.0f 8 5 168 0.49 0.72 sx BUD 16001680 BUD 287

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Magnitude Err Nsta Author OrigID
ML 1.2 0.0 3 BUD 16001680

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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 0.49 276.2 Pg 10:33:28.660 0.3 T__ 12.6 ___ ML 0.8 5543553 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.49 276.2 Lg 10:33:34.896 -0.8 T__ ___ 5543547 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
PSZ 0.57 157.1 Pg 10:33:31.017 0.4 T__ 23.3 ___ ML 1.2 5543554 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.57 157.1 Lg 10:33:39.288 -0.3 T__ ___ 5543549 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.61 86.0 Lg 10:33:39.827 -0.2 T__ ___ 5543548 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.65 85.1 Lg 10:33:40.813 -0.4 T__ ___ 5543550 FDSN ZJ -- BUD iLoc HHN ??? _
HU02A 0.72 116.3 Pg 10:33:33.712 0.4 T__ 18.7 ___ ML 1.2 5543551 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.72 116.3 Lg 10:33:43.075 -1.4 T__ ___ 5543552 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 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
2020/07/29 01:22:30.31 2.49 0.13 47.6825 20.3432 12.9 6.9 15 12.2 15.1 7 4 225 0.03 0.38 ke BUD 16001682 BUD 297

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Magnitude Err Nsta Author OrigID
ML 1.1 0.2 3 BUD 16001682

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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 0.03 173.4 Pg 01:22:32.768 -0.1 T__ 477.1 ___ ML 1.1 5543587 FDSN HU -- BUD iLoc HHZ HHZ _
TENKA 0.03 173.4 Lg 01:22:34.777 0.0 T__ ___ 5543588 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ATAN3 0.07 175.4 Pg 01:22:33.117 -0.1 T__ 491.8 ___ ML 1.2 5543589 FDSN HU -- BUD iLoc HHZ HHZ _
ATAN3 0.07 175.4 Lg 01:22:35.433 0.1 T__ ___ 5543590 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU23A 0.08 235.5 Pg 01:22:33.215 -0.1 T__ 94.1 ___ ML 0.5 5543591 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.08 235.5 Lg 01:22:35.619 0.1 T__ ___ 5543592 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1

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PSZ 0.38 308.1 Lg 01:22:45.215 0.1 T__ --- 5543593 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
2020/07/29	02:10:43.11	0.90	0.61	48.4989	19.2582	4.9	3.7	6	2.1	29.5	12	6	125	0.28	0.93	ke	BUD	16001684	BUD		228	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	6 BUD	16001684

Sta	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	269.1	Pg	02:10:49.280	0.3					T__		64.5		---	ML	0.9	5543647	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
VYHS	0.28	269.1	Lg	02:10:52.689	-0.6					T__				---		5543648	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
LANS	0.67	11.9	Pg	02:10:56.750	0.4					T__		24.2		---	ML	1.3	5543649	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.67	11.9	Lg	02:11:04.833	-0.6					T__				---		5543650	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.72	143.5	Pg	02:10:58.892	0.6					T__		32.6		---	ML	1.4	5543645	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.72	143.5	Lg	02:11:08.478	-0.6					T__				---		5543646	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.82	90.6	Pg	02:10:59.852	0.6					T__		184.3		---	ML	2.2	5543651	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.82	90.6	Lg	02:11:11.217	-0.2					T__				---		5543652	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
JOS	0.85	89.7	Pg	02:11:00.151	0.2					T__		21.5		---	ML	1.3	5543641	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.85	89.7	Lg	02:11:11.700	-0.9					T__				---		5543642	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.93	113.6	Pg	02:11:02.176	0.2					T__		26.5		---	ML	1.4	5543643	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.93	113.6	Lg	02:11:15.431	-0.4					T__				---		5543644	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	
2020/07/29	07:25:51.98	0.78	0.65	48.0608	20.6871	8.3	4.6	155	0.0	0.0	7	0	198	0.12	0.55	kx	BUD	16001686	BUD				
2020/07/29	07:25:50.31	0.98	0.65	48.0750	20.6990f				0.0f		7	5	195	0.13	0.56	kx	BUD_GT	16001687	BUD			268	

(locality : Miskolc-Mexikóvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	2 BUD	16001687

Sta	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	07:25:53.405	-0.1					T__		355.1		---	ML	1.2	5543683	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	07:25:55.798	-0.4					T__				---		5543684	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.42	58.4	Lg	07:26:06.248	-0.3					T__				---		5543686	FDSN	HU	--	iLoc	BUD	HHE	???	_	

KECS	0.43	340.8	Lg	07:26:06.397	0.5	T__									5543682	FDSN	SK	--	iLoc	BUD	EHE	???	_	
JOS	0.43	345.9	Pg	07:25:59.704	0.6	T__					30.6			ML	1.0	5543680	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.43	345.9	Lg	07:26:06.095	0.2	T__									5543681	FDSN	ZJ	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
PSZ	0.56	254.1	Lg	07:26:10.079	-1.3	T__									5543685	FDSN	GE	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/07/29	07:55:09.95	1.40	0.44	48.5532	20.7673	9.8	4.3	2	0.0f		10	6	178	0.16	1.07	sx	BUD	16001688	BUD		239	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	5 BUD	16001688

Sta	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	249.3	Pg	07:55:13.546	0.1					T__		317.9			ML	1.3	5543712	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	249.3	Lg	07:55:16.502	0.4					T__						5543713	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.20	249.6	Pg	07:55:14.030	-0.1					T__		957.7			ML	1.8	5543714	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	249.6	Lg	07:55:17.534	0.1					T__						5543715	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ABAH	0.41	129.1	Pg	07:55:18.343	0.0					T__		46.9			ML	1.1	5543716	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU02A	0.46	200.6	Pg	07:55:19.859	0.1					T__		170.6			ML	1.8	5543719	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	200.6	Lg	07:55:27.170	-0.0					T__						5543720	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.86	222.9	Pg	07:55:27.127	-1.0					T__		29.6			ML	1.5	5543717	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.86	222.9	Lg	07:55:41.264	0.1					T__						5543718	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOLS	1.07	68.5	Lg	07:55:46.553	-0.2					T__						5543721	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
2020/07/29	10:11:18.43	1.82	0.40	48.4489	19.5396	7.9	4.4	13	21.0	26.1	9	5	169	0.47	0.73	sx	BUD	16001690	BUD		289	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD	16001690

Sta	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	275.8	Pg	10:11:28.840	0.2					T__		12.9			ML	0.7	5543776	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.47	275.8	Lg	10:11:35.507	-0.4					T__						5543777	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
PSZ	0.58	155.8	Pg	10:11:31.455	0.2					T__		30.2			ML	1.3	5543774	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.58	155.8	Lg	10:11:39.923	-0.3					T__						5543775	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

KECS	0.63	86.5	Lg	10:11:40.634	0.2	T__									5543778	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.67	85.6	Pg	10:11:32.047	0.1	T__									5543770	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	85.6	Lg	10:11:41.120	-0.4	T__									5543771	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
HU02A	0.73	116.1	Pg	10:11:33.927	0.1	T__									5543772	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	116.1	Sn	10:11:43.684	-0.5	T__									5543773	FDSN	ZJ	00	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
2020/07/29	10:54:37.67	1.46	0.55	47.7849	20.2232	17.5	4.6	161	0.0	0.0	7	0	255	0.26	0.74	kx	BUD	16001692	BUD			
2020/07/29	10:54:37.26	0.96	0.63	47.8650	20.1529f				0.0f		7	4	232	0.18	0.68	kx	BUD_GT	16001693	BUD			254
(locality : Kismána Hungary)																						
(description : known quarry blast)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	3 BUD	16001693

Sta	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	10:54:41.874	0.1					T__		477.8			ML	1.5	5061294	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	10:54:45.102	-0.3					T__						5061295	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.36	44.0	Pg	10:54:45.096	-0.0					T__		49.5			ML	1.0	5061296	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	10:54:50.146	-1.1					T__						5061297	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU03A	0.37	276.2	Lg	10:54:52.282	0.9					T__						5061299	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.68	22.1	Pn	10:54:52.486	-0.4					T__		21.8			ML	1.2	5061298	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	10:55:01.349	-0.0					T__						5061300	FDSN	ZJ	--	BUD	iLoc	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
2020/07/29	11:18:28.30	2.74	0.73	46.1594	21.4993	22.7	6.5	109	16.3	16.1	8	4	234	0.16	1.18	sx	BUD	16001694	BUD			275

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	4 BUD	16001694

Sta	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	45.8	Pg	11:18:32.941	0.2					T__		253.2			ML	1.1	5543836	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.16	45.8	Lg	11:18:35.840	-0.2					T__						5543837	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
BZS	0.55	171.4	Pg	11:18:39.503	0.2					T__		30.3			ML	1.3	5543838	FDSN	RO	--	BUD	iLoc	HHN	HHZ	_
BZS	0.55	171.4	Lg	11:18:46.315	-0.7					T__						5543839	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

```

DRGR 1.05 52.5 Pg 11:18:48.787 -0.3 T__ 41.4 ___ ML 1.7 5543834 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.05 52.5 Lg 11:19:04.002 0.9 T__ ___ 5543835 FDSN RO -- BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
GZR 1.18 130.1 Pg 11:18:51.393 0.6 T__ 48.8 ___ ML 1.8 5543840 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.18 130.1 Lg 11:19:06.035 -0.5 T__ ___ 5543841 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
2020/07/30 06:54:55.56 1.28 1.23 47.2855 18.4139 10.4 5.5 70 0.0f 9 7 115 0.13 1.24 sx BUD 16001698 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
CSKK 0.13 306.7 Pg 06:54:59.137 0.3 T__ 1818.2 ___ ML 1.9 5543903 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.13 306.7 Lg 06:55:00.978 -0.9 T__ ___ 5543904 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
A267A 0.34 172.2 Lg 06:55:08.408 -0.5 T__ ___ 5543911 FDSN Z3 00 BUD iLoc HHE ??? _
HU09A 0.35 356.5 Lg 06:55:08.957 -0.5 T__ ___ 5543905 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 0.36 293.8 Lg 06:55:09.674 -0.0 T__ ___ 5543906 FDSN ZJ 00 BUD iLoc HHE ??? _
PSZ 1.19 57.2 Sn 06:55:37.920 1.2 T__ ___ 5543907 FDSN GE -- BUD iLoc HHE ??? _
KOVH 1.22 190.3 Sn 06:55:34.975 -1.7 T__ ___ 5543910 FDSN HU -- BUD iLoc HHE ??? _
VYHS 1.24 13.1 Pn 06:55:20.562 1.3 T__ 12.4 ___ ML 1.3 5543909 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.24 13.1 Sn 06:55:36.895 -1.3 T__ ___ 5543908 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
2020/07/30 07:04:59.16 0.79 0.78 48.6817 18.4704 5.5 3.4 31 16.3 10.2 13 8 116 0.31 1.39 sx BUD 16001700 BUD 146

```

Magnitude Err Nsta Author OrigID

ML 1.7 0.1 4 BUD 16001700

```

Sta 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 0.31 127.6 Pg 07:05:06.380 0.3 T__ 26.8 ___ ML 0.6 5543939 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.31 127.6 Lg 07:05:11.087 -0.0 T__ ___ 5543940 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
A331A 0.50 340.8 Lg 07:05:16.808 0.6 T__ ___ 5543947 FDSN Z3 00 BUD iLoc HHZ ??? _
JAVC 0.56 288.9 Pn 07:05:12.830 0.4 T__ 64.3 ___ ML 1.6 5543941 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.56 288.9 Lg 07:05:18.353 -1.2 T__ ___ 5543942 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MODS 0.85 249.2 Pg 07:05:16.643 0.3 T__ ___ 5543943 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.85 249.2 Lg 07:05:28.899 -0.2 T__ ___ 5543944 FDSN SK -- BUD iLoc HHN ??? _
HU10A 0.91 156.2 Lg 07:05:31.378 -0.3 T__ ___ 5543948 FDSN ZJ 00 BUD iLoc HHZ ??? _
PSZ 1.22 128.2 Lg 07:05:40.254 -1.3 T__ ___ 5543949 FDSN GE -- BUD iLoc HHE ??? _
MORC 1.25 331.3 Pg 07:05:22.482 -0.3 T__ 35.0 ___ ML 1.7 5543945 FDSN CZ -- BUD iLoc HHZ HHZ _

```

MORC 1.25 331.3 Sn 07:05:39.367 -0.0 T__ --- 5543946 FDSN CZ -- BUD iLoc HHZ ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1
 JOS 1.39 96.9 Pg 07:05:27.013 0.6 T__ 29.3 --- ML 1.7 5543950 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 1.39 96.9 Lg 07:05:43.950 -1.1 T__ --- 5543951 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
2020/07/30	09:40:54.14	3.07	0.13	47.2843	18.3086	19.5	9.0	127	0.0f		5	4	199	0.09	1.25	sx	BUD	16001702	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	
CSKK	0.09	337.5	Pg	09:40:56.491	-0.0					T__		188.0		---	ML	0.8	5544018	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	337.5	Lg	09:40:58.963	0.1					T__				---		5544019	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.30	299.5	Lg	09:41:06.071	-0.0					T__				---		5544020	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.54	258.0	Lg	09:41:13.671	0.1					T__				---		5544021	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.25	58.8	Sn	09:41:37.000	0.2					T__				---		5544022	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
2020/07/30	09:52:38.19	1.19	0.67	48.5303	20.7790	8.6	3.6	8	0.0f		14	8	158	0.16	1.29	sx	BUD	16001704	BUD			199

Magnitude Err Nsta Author OrigID

ML 1.3 0.0 7 BUD 16001704

Sta	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	257.9	Pg	09:52:41.528	-0.1					T__		387.4		---	ML	1.3	5544052	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	257.9	Lg	09:52:45.348	0.9					T__				---		5544053	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
KECS	0.20	256.5	Pg	09:52:42.041	-0.4					T__		791.7		---	ML	1.8	5544054	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	256.5	Lg	09:52:46.222	0.5					T__				---		5544055	FDSN	SK	--	BUD	iLoc	EHE	???	_	
ABAH	0.39	127.2	Pg	09:52:46.084	-0.1					T__		86.8		---	ML	1.3	5544056	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	127.2	Lg	09:52:53.389	0.5					T__				---		5544057	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.44	202.6	Pg	09:52:47.301	-0.3					T__		46.9		---	ML	1.2	5544058	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	202.6	Lg	09:52:55.099	0.3					T__				---		5544059	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.85	224.3	Pg	09:52:55.244	-0.9					T__		49.1		---	ML	1.7	5544060	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.85	224.3	Lg	09:53:09.249	0.3					T__				---		5544061	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOLS	1.07	67.3	Lg	09:53:14.640	-0.5					T__				---		5544062	FDSN	SK	--	BUD	iLoc	HHE	???	_	


```

TRPA  1.24 108.2 Pn      09:53:01.828  0.1          T__          43.7      ___ ML    1.8 5544063  FDSN HU    -- BUD  iLoc  HHZ HHZ  _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=0
VYHS  1.29 269.1 Pn      09:53:02.768  0.1          T__          12.3      ___ ML    1.3 5544064  FDSN SK    -- BUD  iLoc  HHZ HHZ  _
VYHS  1.29 269.1 Sn      09:53:20.540 -1.5         T__          ___        ___      5544065  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
2020/07/30 10:52:50.45  1.08  0.91 46.3365  21.9474  8.8  5.0 138  5.9 18.2 11  7 81  0.21  2.03  sx BUD  16001706  BUD  157

```

```

Magnitude Err Nsta Author      OrigID
ML        1.8 0.4   4 BUD      16001706

```

```

Sta  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 0.21 251.0 Pg      10:52:55.230  0.1          T__          230.5      ___ ML    1.2 5544124  FDSN RO    -- BUD  iLoc  HHZ HHZ  _
SIRR 0.21 251.0 Lg      10:52:58.820  0.1          T__          ___        ___      5544125  FDSN RO    -- BUD  iLoc  HHN ???  _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=1
DRGR 0.70 48.9 Pg      10:53:04.541  0.2          T__          101.0      ___ ML    1.9 5544122  FDSN RO    -- BUD  iLoc  HHZ HHZ  _
DRGR 0.70 48.9 Lg      10:53:13.930 -0.8         T__          ___        ___      5544123  FDSN RO    -- BUD  iLoc  HHE ???  _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
BZS  0.76 197.9 Pg      10:53:05.146 -0.0         T__          48.9       ___ ML    1.6 5544126  FDSN RO    -- BUD  iLoc  HHZ HHZ  _
BZS  0.76 197.9 Lg      10:53:15.061 -0.8         T__          ___        ___      5544127  FDSN RO    -- BUD  iLoc  HHE ???  _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
GZR  1.11 148.1 Pg      10:53:11.120 -0.4         T__          116.0      ___ ML    2.2 5544128  FDSN RO    -- BUD  iLoc  HHZ HHZ  _
GZR  1.11 148.1 Lg      10:53:28.715  1.9         T__          ___        ___      5544129  FDSN RO    -- BUD  iLoc  HHE ???  _
(Reading ML:  2.2 magdef=1
(Station ML:  2.2 magdef=1
CJR  1.20 71.1 Lg      10:53:29.656 -0.6         T__          ___        ___      5544131  FDSN RO    -- BUD  iLoc  HHN ???  _
LOT  1.55 124.3 Sn      10:53:39.713  0.4         T__          ___        ___      5544130  FDSN RO    -- BUD  iLoc  HHN ???  _
HU02A 2.03 332.0 Lg      10:53:56.799 -0.5         T__          ___        ___      5544132  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
2020/07/30 13:43:31.23  1.15  0.62 47.9001  16.0438 10.2  6.5 131  3.1 28.8 7  4 148  0.13  1.19  ke BUD  16001708  BUD  223

```

```

Magnitude Err Nsta Author      OrigID
ML        1.5 0.2   3 BUD      16001708

```

```

Sta  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 0.13 283.0 Pg      13:43:33.649 -0.4         T__          353.8      ___ ML    1.2 5544158  FDSN OE    -- BUD  iLoc  HHE HHZ  _
CONA 0.13 283.0 Lg      13:43:36.884  0.8         T__          ___        ___      5544159  FDSN OE    -- BUD  iLoc  HHN ???  _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=1
ARSA 0.74 208.7 Pg      13:43:45.714  0.2          T__          39.3       ___ ML    1.5 5544161  FDSN OE    -- BUD  iLoc  HHZ HHZ  _
ARSA 0.74 208.7 Lg      13:43:54.788 -0.1         T__          ___        ___      5544160  FDSN OE    -- BUD  iLoc  HHZ ???  _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1

```

```

MODS 0.95 59.7 Lg 13:44:04.724 0.3 T__
KRUC 1.19 11.2 Pn 13:43:54.501 0.3 T__ 31.4 --- ML 1.7 5544163 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.19 11.2 Sn 13:44:10.386 -0.4 T__ --- 5544164 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
2020/07/30 14:35:05.68 1.17 1.33 45.5016 17.9588 23.1 4.6 118 0.0f 7 4 182 0.60 1.05 sx BUD 16001710 BUD 335

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 16001710

```

```

Sta 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 0.60 9.5 Pg 14:35:17.340 -0.8 T__ 26.8 --- ML 1.3 5544187 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.60 9.5 Lg 14:35:29.018 2.1 T__ --- 5544188 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MORH 0.86 33.6 Pg 14:35:22.969 -0.1 T__ 52.1 --- ML 1.7 5544189 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.86 33.6 Lg 14:35:36.145 0.0 T__ --- 5544190 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
BLY 0.93 216.4 Pg 14:35:23.788 0.0 T__ 38.6 --- ML 1.6 5544192 FDSN MN -- BUD iLoc HHZ HHZ _
BLY 0.93 216.4 Lg 14:35:35.215 -0.4 T__ --- 5544193 FDSN MN -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A266A 1.05 11.7 Sn 14:35:43.562 1.3 T__ --- 5544191 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
2020/07/30 15:15:51.48 2.78 0.33 47.6642 20.3598 16.4 7.0 7 12.6 18.8 9 5 172 0.01 0.47 ke BUD 16001712 BUD 236

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.5 4 BUD 16001712

```

```

Sta 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 0.01 219.1 Pg 15:15:53.938 -0.1 T__ 1840.5 --- ML 1.6 5544271 FDSN HU -- BUD iLoc HHZ HHZ _
TENKA 0.01 219.1 Lg 15:15:55.973 0.0 T__ --- 5544272 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ATAN3 0.05 186.0 Pg 15:15:54.138 -0.1 T__ 8098.9 --- ML 2.4 5544273 FDSN HU -- BUD iLoc HHZ HHZ _
ATAN3 0.05 186.0 Lg 15:15:56.395 0.1 T__ --- 5544274 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
HU23A 0.08 251.4 Pg 15:15:54.519 -0.0 T__ 313.7 --- ML 1.0 5544275 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.08 251.4 Lg 15:15:57.051 0.2 T__ --- 5544276 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ 0.40 309.2 Pg 15:16:00.650 0.2 T__ 33.0 --- ML 0.9 5544277 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.40 309.2 Lg 15:16:06.304 -0.7 T__ --- 5544278 FDSN GE -- 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			
2020/07/30	19:10:03.12	0.81	1.00	47.3083	18.3395	3.4	2.7	28	2.8	9.7	28	20	63	0.08	1.92	ke	BUD	16001714	BUD			81			
Magnitude Err Nsta Author OrigID ML 1.6 0.0 8 BUD 16001714																									
Sta	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	315.6	Pg	19:10:05.061	0.0					T__		933.4		---	ML	1.5	5544375	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	315.6	Lg	19:10:06.784	-0.1					T__				---		5544376	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
HU08A	0.31	293.7	Pg	19:10:09.232	-0.2					T__		82.6		---	ML	1.1	5544378	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.31	293.7	Lg	19:10:13.766	-0.8					T__				---		5544379	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0)																									
HU09A	0.33	5.0	Pg	19:10:10.651	0.7					T__		236.0		---	ML	1.6	5544381	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.33	5.0	Lg	19:10:15.307	-0.2					T__				---		5544380	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
A271A	0.37	114.3	Pg	19:10:11.063	0.3					T__		169.8		---	ML	1.6	5544377	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A271A	0.37	114.3	Lg	19:10:17.185	0.3					T__				---		5544382	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
A267A	0.37	164.9	Pg	19:10:10.902	0.2					T__		184.3		---	ML	1.6	5544384	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.37	164.9	Lg	19:10:16.603	-0.2					T__				---		5544385	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
BUD	0.50	69.1	Lg	19:10:19.366	-1.9					T__				---		5544383	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.56	256.1	Pg	19:10:14.360	-0.1					T__		49.5		---	ML	1.5	5544386	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.56	256.1	Lg	19:10:23.525	0.8					T__				---		5544387	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
EGYH	0.69	279.4	Lg	19:10:26.147	-0.8					T__				---		5544395	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.11	169.1	Pg	19:10:24.765	-0.2					T__		31.1		---	ML	1.6	5544391	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.11	169.1	Sn	19:10:38.362	-2.2					T__				---		5544392	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
HU22A	1.12	150.7	Sn	19:10:39.661	-1.1					T__				---		5544390	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.18	60.6	Sn	19:10:42.907	0.3					T__				---		5544396	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.22	59.3	Pn	19:10:27.592	1.7					T__		29.5		---	ML	1.6	5544389	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.22	59.3	Sn	19:10:43.365	-0.6					T__				---		5544397	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0)																									
KOVH	1.23	187.8	Sn	19:10:42.568	-0.9					T__				---		5544393	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.23	15.5	Sn	19:10:43.583	-0.8					T__				---		5544388	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	1.28	326.5	Sn	19:10:44.922	-0.7					T__				---		5544398	FDSN	SK	--	BUD	iLoc	HHE	???	_	
A262A	1.32	250.9	Sn	19:10:44.670	-0.6					T__				---		5544394	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
HU02A	1.69	60.3	Sn	19:10:57.011	2.0					T__				---		5544399	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CONA	1.79	291.2	Sn	19:10:57.653	0.2					T__				---		5544400	FDSN	OE	--	BUD	iLoc	HHE	???	_	
JOS	1.90	50.4	Lg	19:11:07.086	-0.7					T__				---		5544402	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	

ARSA 1.92 269.3 Lg 19:11:06.262 1.2 T__ --- 5544401 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
2020/07/30	23:32:34.26	0.93	0.69	47.6721	20.3235	5.0	3.8	95	10.3	4.6	17	10	59	0.02	0.88	ke	BUD	16001716	BUD		109	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	7 BUD	16001716

Sta	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	137.1	Pg	23:32:36.197	-0.2					T__		2924.5		---	ML	1.8	5544494	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.02	137.1	Lg	23:32:38.225	0.1					T__				---		5544495	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU23A	0.06	236.5	Pg	23:32:36.829	0.1					T__		502.1		---	ML	1.2	5544490	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_
HU23A	0.06	236.5	Lg	23:32:39.292	0.6					T__				---		5544491	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ATAN3	0.06	162.5	Pg	23:32:36.413	-0.3					T__		13112.6		---	ML	2.6	5544492	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATAN3	0.06	162.5	Lg	23:32:38.682	0.0					T__				---		5544493	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
BSZH	0.37	185.9	Pg	23:32:42.526	-0.1					T__		109.3		---	ML	1.4	5544496	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.37	185.9	Lg	23:32:48.883	0.5					T__				---		5544497	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.38	310.6	Lg	23:32:48.583	-0.3					T__				---		5544498	FDSN	GE	--	BUD	iLoc	HHE	???	_	
HU02A	0.47	16.7	Pg	23:32:43.952	-0.3					T__		26.5		---	ML	1.0	5544488	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	16.7	Lg	23:32:51.316	-0.2					T__				---		5544489	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
HU03A	0.54	295.7	Lg	23:32:52.853	-0.8					T__				---		5544499	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU05A	0.56	102.0	Lg	23:32:52.981	-1.5					T__				---		5544500	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.84	9.9	Pg	23:32:52.197	1.3					T__		20.7		---	ML	1.3	5544484	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.84	9.9	Sn	23:33:03.454	-0.0					T__				---		5544485	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.88	44.3	Pg	23:32:52.302	0.7					T__		26.0		---	ML	1.4	5544486	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.88	44.3	Sn	23:33:04.874	0.4					T__				---		5544487	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
2020/07/31	07:27:48.36	0.99	0.98	48.7446	21.6511	12.6	4.2	156	0.0f		10	6	146	0.45	1.12	sx	BUD	16001720	BUD		263	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	4 BUD	16001720

Sta	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	65.1	Pg	07:27:57.036	-0.2					T__		23621.0		---	ML	3.9	5544561	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.45	65.1	Lg	07:28:05.504	0.7					T__				---		5544562	FDSN	SK	--	BUD	iLoc	HHE	???	_	

```

(Reading ML: 3.9 magdef=1
(Station ML: 3.9 magdef=1
ABAH 0.53 211.5 Lg 07:28:08.688 0.8 T__ --- 5544563 FDSN HU -- BUD iLoc HHE ??? _
JOS 0.78 251.8 Pg 07:28:03.462 -0.3 T__ 64.9 --- ML 1.7 5544555 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.78 251.8 Lg 07:28:14.272 -1.2 T__ --- 5544556 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.82 251.8 Pg 07:28:05.040 0.4 T__ 143.3 --- ML 2.1 5544557 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.82 251.8 Lg 07:28:17.954 1.2 T__ --- 5544558 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU02A 0.97 230.7 Pn 07:28:07.171 -1.1 T__ 65.5 --- ML 1.9 5544559 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.97 230.7 Lg 07:28:22.162 -1.0 T__ --- 5544560 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.12 307.7 Lg 07:28:26.238 0.3 T__ --- 5544564 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
2020/07/31 07:34:20.23 0.57 0.50 46.0604 18.0419 7.0 5.4 151 0.0 0.0 7 0 158 0.05 1.16 kx BUD 16001722 BUD
2020/07/31 07:34:18.81 0.99 0.57 46.1204 18.0243f 0.0f 7 5 127 0.06 1.10 kx BUD_GT 16001723 BUD 221
(locality : Bükkösd-I Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 3 BUD 16001723

```

```

Sta 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 07:34:20.654 -0.1 T__ 1949.1 --- ML 1.8 5062024 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.06 121.4 Lg 07:34:21.864 -0.7 T__ --- 5062025 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A273A 0.25 215.5 Pg 07:34:24.823 0.5 T__ 835.4 --- ML 1.9 5062028 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A266A 0.44 22.3 Lg 07:34:35.718 0.6 T__ --- 5062029 FDSN Z3 00 BUD iLoc HHE ??? _
MORH 0.44 77.4 Pg 07:34:28.097 0.0 T__ 41.1 --- ML 1.1 5062026 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.44 77.4 Lg 07:34:34.567 -0.6 T__ --- 5062027 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MPLH 1.10 342.5 Sn 07:34:57.549 0.7 T__ --- 5062030 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
2020/07/31 08:48:53.38 0.97 1.20 48.4071 19.0545 15.6 5.1 24 15.0f 8 4 170 0.17 1.02 sx BUD 16001724 BUD 313

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD 16001724

```

```

Sta 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 0.17 301.0 Pg 08:48:57.891 0.0 T__ 151.6 --- ML 1.0 5544620 FDSN SK -- BUD iLoc HHZ HHZ _

```

VYHS 0.17 301.0 Lg 08:49:00.758 -0.5 T__ --- 5544621 FDSN SK -- BUD iLoc HHZ ??? _
 (Reading ML: 1.0 magdef=1
 (Station ML: 1.0 magdef=1
 PSZ 0.75 130.7 Pn 08:49:10.050 1.5 T__ 51.5 --- ML 1.6 5544624 FDSN GE -- BUD iLoc HHZ HHZ _
 PSZ 0.75 130.7 Lg 08:49:19.439 -0.7 T__ --- 5544625 FDSN GE -- BUD iLoc HHE ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 JOS 0.99 84.3 Pn 08:49:12.052 0.3 T__ 26.0 --- ML 1.5 5544626 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 0.99 84.3 Lg 08:49:26.386 -0.4 T__ --- 5544627 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1
 HU02A 1.02 105.6 Pn 08:49:14.184 1.9 T__ 28.6 --- ML 1.5 5544622 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU02A 1.02 105.6 Sn 08:49:26.914 -0.5 T__ --- 5544623 FDSN ZJ 00 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
2020/07/31	10:00:15.42	1.40	1.28	48.1178	17.0052	11.7	4.7	149	0.0f	9	6	184	0.31	1.28	sx	BUD	16001726	BUD			223	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	4 BUD	16001726

Sta	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	35.3	Pg	10:00:22.311	0.0					T__						5544655	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.31	35.3	Lg	10:00:27.124	-0.7					T__						5544656	FDSN	SK	--	BUD	iLoc	HHE	???	_	
A005B	0.59	295.7	Lg	10:00:36.129	0.6					T__						5544660	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CONA	0.79	256.5	Pg	10:00:30.718	-0.4					T__	33.2				ML	1.5	5544661	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.79	256.5	Lg	10:00:41.110	-0.3					T__						5544662	FDSN	OE	--	BUD	iLoc	HHE	???	_	
JAVC	0.86	30.6	Pn	10:00:35.980	1.5					T__		50.3			ML	1.7	5544657	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.22	347.3	Pg	10:00:38.867	0.3					T__		10.6			ML	1.2	5544658	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.22	347.3	Lg	10:00:55.600	-0.9					T__						5544659	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
VYHS	1.28	72.2	Pn	10:00:42.309	2.4					T__		15.7			ML	1.4	5544663	FDSN	SK	--	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	
2020/08/02	07:49:52.32	1.83	0.63	47.6553	20.3369	10.8	4.3	179	11.4	11.0	13	7	87	0.01	0.88	ke	BUD	16001728	BUD			156	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD	16001728

Sta	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	97.7	Pg	07:49:54.390	-0.2					T__		5120.0			ML	2.0	5544701	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.01	97.7	Lg	07:49:56.418	0.0					T__						5544702	FDSN	HU	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ATAN3 0.04 167.2 Pg 07:49:54.607 -0.2 T__ 24309.6 ___ ML 2.8 5544705 FDSN HU -- BUD iLoc HHZ HHZ _
ATAN3 0.04 167.2 Lg 07:49:56.831 0.2 T__ ___ 5544706 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
HU23A 0.06 254.6 Pg 07:49:54.980 -0.0 T__ 1045.7 ___ ML 1.5 5544703 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.06 254.6 Lg 07:49:57.509 0.5 T__ ___ 5544704 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.40 311.6 Pg 07:50:00.922 -0.2 T__ 54.2 ___ ML 1.1 5544699 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.40 311.6 Lg 07:50:06.721 -0.8 T__ ___ 5544700 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU02A 0.48 15.1 Lg 07:50:09.545 -0.5 T__ ___ 5544707 FDSN ZJ 00 BUD iLoc HHE ??? _
JOS 0.85 9.1 Pg 07:50:10.331 1.1 T__ 24.0 ___ ML 1.4 5544697 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.85 9.1 Lg 07:50:21.693 0.5 T__ ___ 5544698 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ABAH 0.88 43.1 Pn 07:50:09.770 0.7 T__ 33.2 ___ ML 1.5 5544708 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.88 43.1 Lg 07:50:22.013 -0.6 T__ ___ 5544709 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
2020/08/03 06:59:44.96 3.20 0.51 48.4178 21.3144 21.3 6.7 62 0.0f 7 4 283 0.13 1.07 sx BUD 16001732 BUD 322

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Magnitude Err Nsta Author OrigID
ML 1.1 0.0 3 BUD 16001732

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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 0.13 202.3 Pg 06:59:48.033 -0.1 T__ 258.8 ___ ML 1.1 5544786 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.13 202.3 Lg 06:59:51.241 0.3 T__ ___ 5544787 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.52 278.9 Pg 06:59:55.450 0.0 T__ 21.9 ___ ML 1.1 5544790 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 278.9 Lg 07:00:03.682 0.3 T__ ___ 5544791 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.60 241.0 Pg 06:59:57.054 -0.6 T__ 21.6 ___ ML 1.2 5544788 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.60 241.0 Lg 07:00:07.653 0.4 T__ ___ 5544789 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 1.07 242.8 Sn 07:00:24.081 0.6 T__ ___ 5544792 FDSN GE -- 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
2020/08/03 08:09:43.29 1.66 0.78 48.5434 20.6751 12.7 5.1 5 10.0f 7 5 238 0.10 0.81 sx BUD 16001734 BUD 308

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Magnitude Err Nsta Author OrigID
ML 1.2 0.2 5 BUD 16001734

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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	0.10	242.2	Pg	08:09:45.744	-0.4					T__		140.3		___	ML	0.7	5544817	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.10	242.2	Lg	08:09:49.150	0.8					T__				---		5544818	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
			(Reading ML: 0.7 magdef=1																						
			(Station ML: 0.7 magdef=0																						
KECS	0.14	244.5	Pg	08:09:46.267	-0.5					T__		381.6		___	ML	1.3	5544819	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
			(Reading ML: 1.3 magdef=1																						
			(Station ML: 1.3 magdef=1																						
HUO2A	0.43	193.4	Pg	08:09:51.861	-0.7					T__		18.9		___	ML	0.8	5544821	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HUO2A	0.43	193.4	Lg	08:09:59.883	0.5					T__				---		5544822	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
			(Reading ML: 0.8 magdef=1																						
			(Station ML: 0.8 magdef=1																						
ABAH	0.45	123.1	Pg	08:09:52.171	-0.2					T__		40.3		___	ML	1.2	5544820	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
			(Reading ML: 1.2 magdef=1																						
			(Station ML: 1.2 magdef=1																						
PSZ	0.81	220.1	Pn	08:10:00.639	0.8					T__		36.8		___	ML	1.5	5544823	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
			(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
2020/08/03	08:26:10.99	0.94	0.63	47.6949	16.0823	4.5	4.2	24	7.0f		10	7	128	0.28	1.05	sx	BUD	16001736	BUD			235

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	16001736

Sta	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	0.28	327.6	Pg	08:26:16.266	-0.5					T__		82.0		___	ML	1.0	5544856	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	327.6	Lg	08:26:21.014	0.2					T__				---		5544857	FDSN	OE	--	BUD	iLoc	HHE	???	_	
			(Reading ML: 1.0 magdef=1																						
			(Station ML: 1.0 magdef=1																						
SOP	0.32	91.9	Pg	08:26:17.437	-0.2					T__		111.4		___	ML	1.2	5544858	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.32	91.9	Lg	08:26:21.526	-0.6					T__				---		5544859	FDSN	HU	--	BUD	iLoc	HHN	???	_	
			(Reading ML: 1.2 magdef=1																						
			(Station ML: 1.2 magdef=1																						
A004A	0.34	38.2	Pg	08:26:18.704	0.8					T__		215.9		___	ML	1.6	5544860	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
			(Reading ML: 1.6 magdef=1																						
			(Station ML: 1.6 magdef=1																						
ARSA	0.58	220.7	Pg	08:26:22.447	0.1					T__		108.4		___	ML	1.9	5544854	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.58	220.7	Lg	08:26:30.350	0.5					T__				---		5544855	FDSN	OE	--	BUD	iLoc	HHE	???	_	
			(Reading ML: 1.9 magdef=1																						
			(Station ML: 1.9 magdef=1																						
A005B	0.68	6.9	Lg	08:26:33.898	-0.0					T__				---		5544861	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A008A	0.73	337.0	Lg	08:26:35.084	-0.0					T__				---		5544862	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MODS	1.05	49.3	Sn	08:26:45.870	-1.0					T__				---		5544863	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
2020/08/03	09:05:56.53	1.16	1.06	48.4657	19.3629	7.1	4.5	177	10.0f		9	7	172	0.35	0.85	sx	BUD	16001738	BUD			246

Magnitude	Err	Nsta	Author	OrigID

Sta	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	274.8	Lg	09:06:09.868	0.5					T__						5544893	FDSN	SK	--	BUD	iLoc	HHE	???	_
PSZ	0.65	146.8	Lg	09:06:21.132	1.0					T__						5544895	FDSN	GE	--	BUD	iLoc	HHN	???	_
HU10A	0.66	200.5	Lg	09:06:18.730	-1.7					T__						5544894	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
ET1H	0.68	149.7	Lg	09:06:21.511	1.0					T__						5544896	FDSN	HU	--	BUD	iLoc	HHE	???	_
KECS	0.75	88.2	Lg	09:06:20.978	-1.0					T__						5544897	FDSN	SK	--	BUD	iLoc	EHE	???	_
JOS	0.78	87.4	Pg	09:06:12.078	0.1					T__		49.5		ML	1.6	5544889	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	87.4	Lg	09:06:22.690	-0.4					T__						5544890	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
HU02A	0.85	113.5	Pn	09:06:14.169	0.7					T__		25.7		ML	1.4	5544891	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.85	113.5	Lg	09:06:26.011	-0.0					T__						5544892	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
2020/08/03	09:50:43.59	1.03	0.75	47.0251	21.3569	6.7	5.7	144	8.4	9.1	29	20	55	0.18	2.04	ke	BUD	16001740	BUD		79	

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	13 BUD	16001740

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU24A	0.18	229.7	Pg	09:50:48.368	0.5					T__		6591.1			ML	2.6	5545040	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.18	229.7	Lg	09:50:50.504	-0.7					T__						5545060	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.6 magdef=1)				(Station ML: 2.6 magdef=1)																	
LTVH	0.52	45.6	Pg	09:50:54.039	-0.2					T__		629.4			ML	2.5	5545061	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
LTVH	0.52	45.6	Sn	09:51:05.160	-0.2					T__						5545053	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.5 magdef=1)				(Station ML: 2.5 magdef=1)																	
HU05A	0.55	344.2	Lg	09:51:02.456	-0.8					T__						5545041	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU06A	0.63	240.3	Pg	09:50:56.333	-0.4					T__		774.1			ML	2.7	5545062	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU06A	0.63	240.3	Sn	09:51:08.084	0.5					T__						5545063	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.7 magdef=1)				(Station ML: 2.7 magdef=1)																	
SIRR	0.79	164.5	Pn	09:50:59.145	-0.3					T__		199.0			ML	2.2	5545039	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.79	164.5	Lg	09:51:10.428	0.2					T__						5545048	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1)				(Station ML: 2.2 magdef=1)																	
BSZH	0.79	290.7	Sn	09:51:11.972	0.2					T__						5545042	FDSN	HU	--	BUD	iLoc	HHN	???	_	
AMBH	0.80	213.0	Sn	09:51:12.125	0.2					T__						5545064	FDSN	HU	--	BUD	iLoc	HHE	???	_	
DRGR	0.96	103.6	Pn	09:51:01.985	-0.0					T__		270.3			ML	2.5	5545036	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.96	103.6	Lg	09:51:15.083	-0.7					T__						5545037	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.5 magdef=1)				(Station ML: 2.5 magdef=1)																	
HU23A	0.97	309.6	Lg	09:51:16.575	-0.1					T__						5545049	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU07A	1.03	21.4	Lg	09:51:18.566	0.2					T__						5545054	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU02A	1.23	333.1	Pn	09:51:06.026	0.3					T__		94.4			ML	2.2	5545043	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.23	333.1	Sn	09:51:22.759	-0.0					T__						5545044	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.2 magdef=1)				(Station ML: 2.2 magdef=1)																	
ABAH	1.27	356.5	Sn	09:51:24.179	0.7					T__						5545045	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU21A	1.32	238.9	Pn	09:51:08.058	1.6					T__		331.4			ML	2.8	5545057	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.8 magdef=1)				(Station ML: 2.8 magdef=0)																	

PSZ	1.34	312.5	Pn	09:51:06.953	-0.2	T__	139.5	___	ML	2.4	5545055	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.34	312.5	Sn	09:51:26.067	0.7	T__		---			5545056	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
BZS	1.42	172.6	Pn	09:51:09.085	0.7	T__	45.5	___	ML	1.9	5545046	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.42	172.6	Sn	09:51:27.311	0.1	T__		---			5545047	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
CJR	1.57	100.7	Pg	09:51:13.456	-0.6	T__	315.4	___	ML	2.9	5545050	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	1.57	100.7	Lg	09:51:33.812	-0.9	T__		---			5545051	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
JOS	1.57	339.8	Pn	09:51:11.207	0.9	T__	62.8	___	ML	2.2	5545058	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
GZR	1.91	148.4	Pn	09:51:17.016	1.5	T__	63.5	___	ML	2.4	5545038	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
KOLS	2.01	17.5	Lg	09:51:48.482	-0.5	T__		---			5545052	FDSN	SK	--	BUD	iLoc	HHE	???	_
MORH	2.04	247.6	Pg	09:51:21.731	-1.7	T__	32.3	___	ML	2.1	5545059	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
2020/08/04	07:13:21.05	1.70	0.22	48.2702	19.9211	13.2	4.6	122	0.0f		7	4	237	0.35	0.47	sx	BUD	16001742	BUD			310

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD	16001742

Sta	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	0.35	182.9	Pg	07:13:28.862	-0.1					T__		91.8		---	ML	1.2	5545110	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.35	182.9	Lg	07:13:35.016	0.1					T__				---		5545114	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.43	109.9	Pg	07:13:30.355	0.1					T__		41.6		---	ML	1.1	5545113	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.43	109.9	Lg	07:13:37.324	-0.0					T__				---		5545116	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.43	60.3	Pg	07:13:30.033	0.2					T__		123.2		---	ML	1.6	5545115	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.47	61.1	Pg	07:13:30.601	0.1					T__		46.8		---	ML	1.3	5545111	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	61.1	Lg	07:13:37.462	-0.3					T__				---		5545112	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
2020/08/04	07:21:26.65	0.96	1.46	48.0409	16.5962	7.0	4.2	151	0.0f		9	6	95	0.51	1.09	sx	BUD	16001744	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	
CONA	0.51	257.4	Pg	07:21:36.488	-0.3					T__		38.3		___	ML	1.3	5545144	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.51	257.4	Lg	07:21:43.958	0.4					T__				---		5545145	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.56	53.6	Pg	07:21:38.473	0.1					T__				---		5545142	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.56	53.6	Lg	07:21:47.047	-0.5					T__				---		5545143	FDSN	SK	--	BUD	iLoc	HHN	???	_	
EGYH	0.80	141.2	Lg	07:21:54.475	-0.0					T__				---		5545146	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KRUC	1.03	352.6	Lg	07:22:01.575	-0.1					T__				---		5545148	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
ARSA	1.07	222.9	Lg	07:22:00.836	-0.0					T__				---		5545147	FDSN	OE	--	BUD	iLoc	HHE	???	_	
JAVC	1.09	40.7	Pn	07:21:50.415	1.6					T__		63.2		___	ML	1.9	5545149	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.09	40.7	Sn	07:22:08.826	3.1					T__				---		5545150	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
 2020/08/04 07:22:52.40 1.04 1.75 46.0112 22.8533 12.3 4.4 76 0.0f 8 5 138 0.13 0.87 sx BUD 16001746 BUD 203

Magnitude Err Nsta Author OrigID
 ML 1.7 0.1 3 BUD 16001746

Sta	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	164.7	Pg	07:22:54.829	-0.1					T__		1181.7		___	ML	1.7	5545172	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DEV	0.13	164.7	Lg	07:22:57.682	0.9					T__				---		5545173	FDSN	RO	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																										
GZR	0.62	185.0	Pg	07:23:04.060	-0.3					T__		70.3		___	ML	1.7	5545174	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	0.62	185.0	Lg	07:23:13.371	0.2					T__				---		5545175	FDSN	RO	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																										
DRGR	0.79	352.9	Pg	07:23:08.978	0.7					T__		38.9		___	ML	1.5	5545176	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	0.79	352.9	Lg	07:23:16.711	-3.7					T__				---		5545177	FDSN	RO	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																										
LOT	0.85	130.9	Lg	07:23:20.875	-0.4					T__				---		5545179	FDSN	RO	--	BUD	iLoc	HHN	???	_		
SIRR	0.87	287.6	Lg	07:23:22.729	0.1					T__				---		5545178	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
 2020/08/04 08:31:54.55 0.89 1.25 47.4490 18.7212 7.6 2.8 161 2.9 13.8 18 10 102 0.21 1.58 sx BUD 16001748 BUD 170

Magnitude Err Nsta Author OrigID
 ML 1.7 0.2 8 BUD 16001748

Sta	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	80.3	Pg	08:31:58.901	-0.2					T__		243.2		___	ML	1.3	5545225	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BUD	0.21	80.3	Lg	08:32:03.543	0.8					T__				---		5545226	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																										
CSKK	0.32	254.8	Pg	08:32:00.731	-0.5					T__		440.6		___	ML	1.8	5545235	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.32	254.8	Lg	08:32:06.392	-0.4					T__				---		5545222	FDSN	HU	--	BUD	iLoc	HHZ	???	_		
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																										
HU10A	0.44	26.8	Pg	08:32:03.510	-0.2					T__		127.9		___	ML	1.6	5545223	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	

HU10A	0.44	26.8	Lg	08:32:10.401	-0.4	T__									5545224	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
HU08A	0.54	268.4	Pg	08:32:06.335	0.9	T__	104.3								5545227	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_
HU08A	0.54	268.4	Lg	08:32:14.133	0.2	T__									5545228	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
MPLH	0.85	251.3	Pn	08:32:12.914	0.7	T__	68.1								5545229	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.85	251.3	Sn	08:32:26.143	0.2	T__									5545230	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
PSZ	0.92	58.9	Pn	08:32:13.641	0.4	T__	74.1								5545218	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.92	58.9	Lg	08:32:27.817	0.4	T__									5545219	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=0)																							
VYHS	1.05	4.2	Pn	08:32:14.719	-0.3	T__	16.9								5545231	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.05	4.2	Sn	08:32:30.183	-1.1	T__									5545232	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=1)																							
MORH	1.24	182.5	Sn	08:32:32.666	-2.4	T__									5545233	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	1.39	60.4	Pn	08:32:18.059	-1.6	T__	21.1								5545220	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.39	60.4	Sn	08:32:41.125	1.9	T__									5545221	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
JAVC	1.58	333.9	Sn	08:32:47.362	2.4	T__									5545234	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
 2020/08/04 09:56:32.64 1.10 2.05 46.0044 22.8363 8.8 4.5 72 0.0f 7 5 165 0.13 0.94 sx BUD 16001752 BUD 230

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 4 BUD 16001752

Sta	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	158.9	Pg	09:56:35.217	0.1					T__		493.7			ML	1.4	5545305	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
GZR	0.61	183.9	Pg	09:56:44.684	0.3					T__	111.2				ML	1.9	5545300	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.61	183.9	Lg	09:56:53.784	0.6					T__						5545301	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
DRGR	0.79	353.8	Pg	09:56:49.471	0.9					T__	102.5				ML	2.0	5545302	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.79	353.8	Lg	09:56:56.940	-3.9					T__						5545303	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
SIRR	0.86	288.3	Pg	09:56:50.444	0.3					T__	70.1				ML	1.8	5545304	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	0.94	246.0	Lg	09:57:03.406	-0.7					T__						5545306	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

ML 1.7 0.0 7 BUD 16001758

Sta	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	132.6	Pg	07:48:27.711	0.0					T__		73.6		---	ML	0.8 5545417	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																								
A331A	0.55	334.8	Pg	07:48:33.245	-0.3					T__		107.2		---	ML	1.8 5545410	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																								
JAVC	0.64	289.4	Pg	07:48:35.580	-0.0					T__		75.2		---	ML	1.7 5545411	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
SR0	0.86	192.1	Sn	07:48:55.440	2.1					T__						5545418	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU10A	0.86	159.9	Lg	07:48:52.190	-0.8					T__						5545414	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MODS	0.91	252.7	Sn	07:48:56.794	1.8					T__						5545415	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.14	129.4	Pn	07:48:44.180	0.4					T__		36.4		---	ML	1.7 5545412	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.14	129.4	Sn	07:48:59.473	-1.4					T__						5545413	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
JOS	1.31	96.1	Pn	07:48:46.356	0.5					T__		24.8		---	ML	1.6 5545416	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
MORC	1.32	329.3	Pn	07:48:46.868	0.5					T__		35.2		---	ML	1.8 5545421	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.32	329.3	Lg	07:49:05.383	0.3					T__						5545422	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
HU02A	1.40	111.5	Pn	07:48:48.439	1.2					T__		26.5		---	ML	1.7 5545419	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.40	111.5	Sn	07:49:07.717	0.8					T__						5545420	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	
2020/08/05	07:56:24.50	0.37	1.98	46.8918	17.2832	4.9	3.5	69	0.0	0.0	9	0	128	0.11	0.98	kx	BUD	16001760	BUD				
2020/08/05	07:56:22.07	0.94	1.79	46.8548	17.2699f				0.0f		9	6	147	0.13	0.96	kx	BUD_GT	16001761	BUD			218	
(locality : Várkölygy Hungary)																							
(description : known quarry blast)																							
(GT info : GT2 explosion)																							

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 3 BUD 16001761

Sta	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	07:56:25.096	-0.2					T__		8195.5		---	ML	2.6 5545455	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
A261A	0.13	319.5	Lg	07:56:28.857	0.9					T__						5545456	FDSN	Z3	00	iLoc	BUD	HHE	???	_
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1)																								
A263A	0.22	171.8	Lg	07:56:34.742	4.0					T__						5545459	FDSN	Z3	00	iLoc	BUD	HHE	???	_
MPLH	0.37	30.2	Pg	07:56:27.772	-2.2					T__		169.7		---	ML	1.5 5545457	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MPLH	0.37	30.2	Lg	07:56:34.670	-1.4					T__						5545458	FDSN	HU	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
HU08A	0.73	37.5	Lg	07:56:49.859	1.1					T__						5545461	FDSN	ZJ	00	iLoc	BUD	HHN	???	_

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A266A 0.76 115.3 Lg      07:56:49.592 0.8      T__
KOVH  0.96 142.9 Pg      07:56:41.577 0.2      T__      44.4      --- ML      1.7 5545462 FDSN HU      -- iLoc BUD HHZ HHZ _
KOVH  0.96 142.9 Lg      07:56:55.253 0.2      T__      ---      5545463 FDSN HU      -- iLoc BUD 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
2020/08/05 08:59:12.41 1.07 0.81 48.5640 20.7548 6.6 3.8 5 0.0f 16 9 124 0.16 1.28 sx BUD 16001762 BUD 164

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Magnitude Err Nsta Author OrigID
ML 1.6 0.3 8 BUD 16001762

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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 0.16 244.6 Pg 08:59:15.874 0.1 T__ 504.4 --- ML 1.4 5545500 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.16 244.6 Lg 08:59:19.155 0.7 T__ --- 5545501 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.20 245.8 Pg 08:59:16.400 -0.2 T__ 1042.2 --- ML 1.9 5545502 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.20 245.8 Lg 08:59:20.506 0.7 T__ --- 5545503 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ABAH 0.42 129.5 Pg 08:59:21.282 0.3 T__ 72.5 --- ML 1.3 5545504 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.42 129.5 Lg 08:59:28.002 -0.3 T__ --- 5545505 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU02A 0.47 199.2 Pg 08:59:22.027 -0.3 T__ 60.8 --- ML 1.4 5545508 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.47 199.2 Lg 08:59:29.549 -0.4 T__ --- 5545509 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.86 222.0 Pg 08:59:30.763 0.1 T__ 57.3 --- ML 1.7 5545506 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.86 222.0 Lg 08:59:42.940 -0.7 T__ --- 5545507 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LANS 1.03 305.1 Pg 08:59:32.363 -0.4 T__ 41.0 --- ML 1.7 5545510 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOLS 1.07 69.2 Pn 08:59:34.775 1.0 T__ 8428.6 --- ML 4.0 5545511 FDSN SK -- BUD iLoc HHZ HHZ _
KOLS 1.07 69.2 Lg 08:59:49.135 -0.2 T__ --- 5545512 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 4.0 magdef=1
(Station ML: 4.0 magdef=0
TRPA 1.27 109.4 Sn 08:59:54.060 -1.3 T__ 15.2 --- 5545515 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.28 267.6 Pn 08:59:37.197 0.5 T__ --- ML 1.4 5545513 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.28 267.6 Sn 08:59:54.055 -1.8 T__ --- 5545514 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
2020/08/05 11:27:34.92 0.98 1.30 46.0975 22.0615 5.5 4.9 56 0.0f 9 5 91 0.33 1.36 ke BUD 16001766 BUD 179

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Magnitude Err Nsta Author OrigID

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ML 1.5 0.2 4 BUD 16001766

Sta	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	301.5	Pg	11:27:42.199	0.2					T__		149.1		---	ML	1.4	5545580	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.33	301.5	Lg	11:27:47.064	-0.4					T__				---		5545581	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
BZS	0.57	213.0	Pg	11:27:47.297	1.1					T__		36.5		---	ML	1.4	5545578	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.57	213.0	Lg	11:27:52.899	-1.6					T__				---		5545579	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
DRGR	0.83	32.7	Pg	11:27:51.890	0.4					T__		56.2		---	ML	1.7	5545575	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.83	32.7	Lg	11:28:04.383	0.4					T__				---		5545576	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
GZR	0.86	144.3	Lg	11:28:02.779	-0.8					T__				---		5545577	FDSN	RO	--	BUD	iLoc	HHE	???	_	
LOT	1.36	117.9	Pg	11:28:01.376	0.5					T__		92.2		---	ML	2.2	5545582	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.36	117.9	Lg	11:28:18.268	-2.2					T__				---		5545583	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
2020/08/06	00:47:59.72	0.88	0.71	48.5541	19.3565	4.7	3.8	64	3.9	16.7	12	7	106	0.35	1.06	ke	BUD	16001768	BUD		201	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	5 BUD	16001768

Sta	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	260.3	Pg	00:48:07.237	0.3					T__		26.4		---	ML	0.7	5545619	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	260.3	Lg	00:48:11.602	-0.7					T__				---		5545620	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
LANS	0.60	7.0	Pg	00:48:11.951	0.3					T__		21.9		---	ML	1.2	5545617	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.60	7.0	Lg	00:48:19.394	-0.5					T__				---		5545618	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU03A	0.67	165.9	Lg	00:48:23.699	0.2					T__				---		5545621	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.73	150.3	Pg	00:48:15.850	0.7					T__		33.3		---	ML	1.4	5545622	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.73	150.3	Lg	00:48:25.134	-1.0					T__				---		5545623	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
JOS	0.79	93.8	Pg	00:48:15.488	0.2					T__		21.6		---	ML	1.3	5545615	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.79	93.8	Lg	00:48:26.153	-0.8					T__				---		5545616	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.89	118.6	Pg	00:48:18.241	0.3					T__		20.5		---	ML	1.3	5545624	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	118.6	Lg	00:48:30.313	-0.8					T__				---		5545625	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
NIE	1.06	35.3	Lg	00:48:35.267	0.5					T__				---		5545626	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
2020/08/06	03:07:39.14	2.40	2.12	46.0976	18.4931	9.8	4.2	151	0.2	3.9	7	4	207	0.16	0.51	ke	BUD	16001770	BUD			269

Magnitude	Err	Nsta	Author	OrigID
ML	0.5	0.3	3 BUD	16001770

Sta	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	0.16	41.7	Pg	03:07:42.593	-0.3					T__		37.0		___	ML	0.3	5545655	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.16	41.7	Lg	03:07:46.249	0.3					T__				---		5545656	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=1)																									
KOVH	0.27	268.2	Pg	03:07:44.763	-0.4					T__		27.6		___	ML	0.5	5545653	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.27	268.2	Lg	03:07:48.077	-1.6					T__				---		5545654	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
A266A	0.46	339.8	Pg	03:07:49.501	0.8					T__		132.0		___	ML	1.7	5545659	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.46	339.8	Lg	03:07:54.721	-1.2					T__				---		5545658	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A273A	0.51	249.2	Lg	03:07:59.518	2.9					T__				---		5545657	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	
2020/08/06	07:06:04.24	0.71	0.83	48.0914	20.7065	8.0	4.4	152	0.0	0.0	7	0	192	0.13	0.57	kx	BUD	16001772	BUD				
2020/08/06	07:06:02.35	0.98	1.10	48.0750	20.6990f				0.0f		7	5	195	0.13	0.56	kx	BUD_GT	16001773	BUD				268

(locality : Miskolc-Mexikóvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	2 BUD	16001773

Sta	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	07:06:05.010	-0.5					T__		370.0		___	ML	1.2	5545681	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	07:06:07.515	-0.7					T__				---		5545682	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.42	58.4	Lg	07:06:17.110	-1.4					T__				---		5545686	FDSN	HU	--	iLoc	BUD	HHE	???	_	
KECS	0.43	340.8	Lg	07:06:17.562	-0.4					T__				---		5545683	FDSN	SK	--	iLoc	BUD	EHE	???	_	
JOS	0.43	345.9	Pg	07:06:13.156	2.0					T__		43.0		___	ML	1.1	5545684	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.43	345.9	Lg	07:06:17.391	-0.6					T__				---		5545685	FDSN	ZJ	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.56	254.1	Lg	07:06:23.435	0.0					T__				---		5545687	FDSN	GE	--	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/06	07:41:38.41	1.93	1.07	48.9288	18.2545	20.1	4.9	132	6.9	20.0	9	5	143	0.22	0.97	ke	BUD	16001774	BUD			235

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	16001774

Sta	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	0.22	354.3	Pg	07:41:42.961	-0.1					T__		313.1		---	ML	1.4	5545711	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	0.22	354.3	Lg	07:41:46.328	-0.0					T__				---		5545712	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JAVC	0.39	260.0	Pg	07:41:46.380	-0.3					T__		140.1		---	ML	1.5	5545713	FDSN	CZ	--	BUD	iLoc	HHN	HHZ	_
JAVC	0.39	260.0	Lg	07:41:53.508	0.5					T__				---		5545714	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VYHS	0.58	138.3	Pn	07:41:53.387	0.3					T__		11.7		---	ML	0.9	5545715	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
VYHS	0.58	138.3	Sn	07:42:03.388	0.5					T__				---		5545716	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MODS	0.85	229.8	Sn	07:42:09.187	-1.0					T__				---		5545717	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORC	0.97	331.5	Pn	07:41:58.509	0.7					T__		46.1		---	ML	1.7	5545718	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	0.97	331.5	Sn	07:42:11.239	-1.9					T__				---		5545719	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
2020/08/06	07:47:10.60	1.16	1.26	48.5661	19.3677	10.8	3.7	6	0.0f		8	4	196	0.36	0.89	sx	BUD	16001776	BUD			303

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	16001776

Sta	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	0.36	258.7	Pg	07:47:18.384	0.3					T__		18.5		---	ML	0.6	5545800	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.36	258.7	Lg	07:47:23.098	-0.5					T__				---		5545801	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
PSZ	0.74	151.3	Pg	07:47:27.779	1.5					T__		35.8		---	ML	1.5	5545804	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.74	151.3	Lg	07:47:36.422	-1.1					T__				---		5545805	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.78	94.7	Pg	07:47:26.681	0.6					T__		44.9		---	ML	1.6	5545802	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	94.7	Lg	07:47:37.767	-0.1					T__				---		5545803	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.89	119.5	Pg	07:47:28.784	-0.2					T__		37.9		---	ML	1.6	5545806	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	119.5	Lg	07:47:40.698	-2.0					T__				---		5545807	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
2020/08/06	08:30:12.59	0.38	1.17	47.5468	18.5007	4.7	3.3	114	0.0	0.0	10	0	107	0.12	1.34	kx	BUD	16001778	BUD			
2020/08/06	08:30:10.87	0.92	0.97	47.5600	18.4573f				0.0f		10	8	105	0.09	1.35	kx	BUD_GT	16001779	BUD			159

(locality : Tatabánya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.7 0.3 2 BUD 16001779

Sta	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	08:30:13.560	0.3					T__		2196.9		---	ML	1.9 5545834	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	08:30:15.479	-0.2					T__				---		5545835	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
CSKK	0.24	214.2	Pg	08:30:16.005	-0.1					T__		374.3		---	ML	1.5 5545836	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	08:30:20.529	-0.3					T__				---		5545837	FDSN	HU	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
SRD	0.27	339.1	Lg	08:30:22.399	0.6					T__				---		5545838	FDSN	SK	--	iLoc	BUD	EHE	???	_
HU08A	0.38	250.6	Lg	08:30:26.726	1.1					T__				---		5545839	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
MPLH	0.74	238.3	Lg	08:30:37.672	0.9					T__				---		5545841	FDSN	HU	--	iLoc	BUD	HHE	???	_
VYHS	0.97	15.1	Lg	08:30:43.186	-1.6					T__				---		5545842	FDSN	SK	--	iLoc	BUD	HHE	???	_
PSZ	1.03	69.2	Lg	08:30:47.199	-1.0					T__				---		5545840	FDSN	GE	--	iLoc	BUD	HHE	???	_
MORH	1.35	174.5	Sn	08:30:53.862	-1.5					T__				---		5545843	FDSN	HU	--	iLoc	BUD	HHE	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2020/08/06 09:48:07.92 2.51 0.97 46.1411 18.3078 10.3 3.7 161 0.6 4.3 6 4 177 0.15 0.45 sx BUD 16001782 BUD 254

Magnitude Err Nsta Author OrigID

Sta	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	250.0	Pg	09:48:11.304	-0.1					T__		481.5		---	ML	1.4 5545937	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	250.0	Lg	09:48:14.237	0.1					T__				---		5545938	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	0.24	72.3	Pg	09:48:13.303	0.1					T__		149.9		---	ML	1.2 5545939	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.24	72.3	Lg	09:48:17.011	-0.2					T__				---		5545940	FDSN	HU	--	BUD	iLoc	HHN	???	_
A266A	0.39	355.6	Lg	09:48:21.186	-0.8					T__				---		5545941	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A265A	0.45	308.8	Lg	09:48:24.971	1.1					T__				---		5545942	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
 2020/08/06 12:07:03.17 1.79 1.15 47.5576 16.3882 12.9 5.6 0 0.0f 11 8 142 0.17 1.51 sx BUD 16001784 BUD 265

Magnitude Err Nsta Author OrigID
 ML 1.6 0.5 3 BUD 16001784

Sta	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	0.17	42.4	Pg	12:07:06.934	-0.0					T__		183.1		---	ML	1.0 5545967	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.17	42.4	Lg	12:07:09.669	-0.1					T__				---		5545968	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
A004A	0.41	0.8	Lg	12:07:18.370	1.2					T__				---		5545972	FDSN	Z3	00	BUD	iLoc	HHN	???	_
CONA	0.51	316.4	Pg	12:07:13.299	-0.2					T__		70.3		---	ML	1.6 5545969	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.51	316.4	Lg	12:07:19.874	-0.5					T__				---		5545970	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
A013A	0.83	307.8	Lg	12:07:30.013	-0.0					T__				---		5545971	FDSN	Z3	00	BUD	iLoc	HHE	???	_
MODS	1.01	35.9	Lg	12:07:38.503	-0.8					T__				---		5545975	FDSN	SK	--	BUD	iLoc	HHN	???	_

KOGS	1.11	184.9	Pn	12:07:26.606	1.3	T__	66.9	___	ML	1.9	5545973	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.11	184.9	Sn	12:07:43.425	2.3	T__		---			5545974	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
A006A	1.21	348.4	Sn	12:07:43.183	-0.7	T__		---			5545976	FDSN	Z3	00	BUD	iLoc	HHE	???	_
KRUC	1.51	0.2	Sn	12:07:50.195	-1.0	T__		---			5545977	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
2020/08/07	05:59:24.86	2.24	0.81	48.3329	21.4464	18.8	9.4	141	0.0f		7	5	209	0.14	0.81	sx	BUD	16001786	BUD		326	

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.0	3 BUD	16001786

Sta	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	0.14	255.1	Pg	05:59:28.386	0.2					T__		245.2		---	ML	1.1	5546000	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.14	255.1	Lg	05:59:31.663	0.4					T__				---		5546001	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
JOS	0.63	285.4	Pg	05:59:37.361	-0.0					T__		17.1		---	ML	1.1	5546002	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.63	285.4	Lg	05:59:47.053	0.2					T__				---		5546006	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.65	251.5	Lg	05:59:47.241	-1.5					T__				---		5546003	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
KECS	0.66	283.6	Pn	05:59:41.140	-0.3					T__		105.7		---	ML	1.9	5546004	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOLS	0.81	42.1	Lg	05:59:53.542	-0.1					T__				---		5546005	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
2020/08/07	07:49:21.55	1.68	0.66	48.5228	20.7913	11.3	5.7	27	0.0f		10	6	217	0.17	1.30	sx	BUD	16001788	BUD		294	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	5 BUD	16001788

Sta	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	260.9	Pg	07:49:24.989	-0.2					T__		218.9		---	ML	1.1	5546034	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	260.9	Lg	07:49:28.974	1.0					T__				---		5546035	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.21	259.1	Pg	07:49:25.581	-0.3					T__		427.8		---	ML	1.5	5546036	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.38	127.0	Lg	07:49:35.976	0.1					T__				---		5546039	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.44	204.0	Pg	07:49:31.282	0.4					T__		23.9		---	ML	0.9	5546037	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	204.0	Lg	07:49:36.976	-1.1					T__				---		5546038	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
PSZ	0.85	225.1	Pn	07:49:39.934	0.1					T__		57.8		---	ML	1.7	5546040	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.85	225.1	Lg	07:49:52.375	0.0					T__				---		5546041	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									

(Station ML: 1.7 magdef=0
 VYHS 1.30 269.5 Pn 07:49:46.339 0.2 T__ 12.7 --- ML 1.3 5546042 FDSN SK -- BUD iLoc HHZ HHZ _
 VYHS 1.30 269.5 Sn 07:50:04.815 -0.7 T__ --- 5546043 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
2020/08/07	08:00:24.36	0.58	0.96	48.1654	19.5292	7.8	5.8	37	0.0	0.0	6	0	147	0.27	0.67	kx	BUD	16001790	BUD			
2020/08/07	08:00:25.23	0.98	2.79	48.0061	19.6278f				0.0f		6	4	125	0.10	0.72	kx	BUD_GT	16001791	BUD			248

(locality : Nagylóc Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.2 0.0 3 BUD 16001791

Sta	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	08:00:28.893	1.1					T__		401.6		---	ML	1.2	5546084	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	08:00:33.942	3.9					T__				---		5546085	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
PSZ	0.20	116.0	Pg	08:00:30.490	0.4					T__		206.5		---	ML	1.2	5546082	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	08:00:33.929	0.0					T__				---		5546083	FDSN	GE	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
HU02A	0.61	78.7	Lg	08:00:46.703	-1.2					T__				---		5546087	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
VYHS	0.72	313.0	Pg	08:00:35.370	-4.5					T__		13.1		---	ML	1.0	5546086	FDSN	SK	--	iLoc	BUD	HHZ	HHZ	_
(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
2020/08/07	08:10:21.00	3.54	1.80	45.7664	18.4193	23.5	8.7	173	8.0f		6	3	306	0.39	0.77	sx	BUD	16001792	BUD			333

Magnitude Err Nsta Author OrigID
 ML 1.5 0.4 3 BUD 16001792

Sta	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	0.39	325.4	Pg	08:10:29.110	-0.1					T__		68.8		---	ML	1.2	5546130	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.39	325.4	Lg	08:10:33.896	-0.9					T__				---		5546131	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
MORH	0.48	19.1	Pg	08:10:30.648	0.0					T__		72.8		---	ML	1.5	5546132	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
MORH	0.48	19.1	Lg	08:10:36.664	-1.1					T__				---		5546133	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
A266A	0.77	352.0	Pn	08:10:37.900	1.3					T__		231.3		---	ML	2.3	5546135	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.77	352.0	Lg	08:10:49.387	2.4					T__				---		5546134	FDSN	Z3	00	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
2020/08/07	09:16:44.79	0.45	1.17	47.2504	18.3110	5.6	4.5	106	0.0	0.0	6	0	109	0.12	1.29	kx	BUD	16001794	BUD			
2020/08/07	09:16:42.70	1.06	1.34	47.2302	18.2835f				0.0f		6	5	109	0.13	1.32	kx	BUD_GT	16001795	BUD			206

(locality : Iszkaszentgyörgy Hungary)
(description : known quarry blast)
(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	
CSKK	0.13	353.3	Pg	09:16:45.981	-0.0					T__		252.0		---	ML	1.1	5546184	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:16:48.454	-0.7					T__				---		5546185	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
MPLH	0.51	263.5	Lg	09:17:02.656	1.3					T__				---		5546186	FDSN	HU	--	iLoc	BUD	HHE	???	_	
MORH	1.05	166.2	Lg	09:17:18.305	-0.5					T__				---		5546187	FDSN	HU	--	iLoc	BUD	HHN	???	_	
PSZ	1.29	57.1	Sn	09:17:26.931	0.5					T__				---		5546188	FDSN	GE	--	iLoc	BUD	HHN	???	_	
VVHS	1.32	16.2	Sn	09:17:24.662	-2.5					T__				---		5546189	FDSN	SK	--	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/07	10:51:43.88	1.68	2.68	48.7227	21.1156	17.9	7.8	156	0.0f		7	4	193	0.44	0.79	sx	BUD	16001796	BUD			333

Magnitude	Err	Nsta	Author	OrigID
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ML	1.7	0.4	3 BUD	16001796
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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	0.44	239.5	Pg	10:51:53.882	1.1					T__		143.8		---	ML	1.7	5546208	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.44	239.5	Lg	10:51:58.005	-1.6					T__				---		5546209	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.48	240.4	Pg	10:51:54.612	1.0					T__		212.8		---	ML	2.0	5546210	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.48	240.4	Lg	10:51:59.083	-1.8					T__				---		5546211	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	0.72	213.4	Pg	10:52:00.727	2.0					T__		20.3		---	ML	1.2	5546212	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	213.4	Lg	10:52:07.000	-2.9					T__				---		5546213	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KOLS	0.79	74.2	Lg	10:52:09.066	-2.8					T__				---		5546214	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
2020/08/08	15:04:51.24	1.98	1.19	47.8783	19.3026	13.2	3.8	10	12.7	20.8	10	6	176	0.19	1.03	ke	BUD	16001798	BUD			249

Magnitude	Err	Nsta	Author	OrigID
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ML	1.1	0.3	4 BUD	16001798
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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	0.19	260.3	Lg	15:04:58.890	-0.8					T__				---		5546250	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU03A	0.20	82.6	Lg	15:05:00.139	0.4					T__				---		5546247	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

PSZ	0.40	84.0	Pg	15:05:00.166	-0.0	T__	39.2	---	ML	1.0	5546245	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.40	84.0	Lg	15:05:05.926	-0.7	T__		---			5546246	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
VYHS	0.69	333.3	Pg	15:05:06.636	1.3	T__	10.4	---	ML	0.9	5546241	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_
VYHS	0.69	333.3	Lg	15:05:13.435	-2.0	T__		---			5546242	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=1)																			
HU02A	0.86	73.0	Pg	15:05:09.442	0.6	T__	20.5	---	ML	1.3	5546249	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.86	73.0	Lg	15:05:20.935	-0.4	T__		---			5546248	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
JOS	1.03	52.8	Pg	15:05:12.291	0.6	T__	24.0	---	ML	1.5	5546243	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.03	52.8	Lg	15:05:25.467	-0.9	T__		---			5546244	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
2020/08/10	08:29:50.92	1.35	1.11	48.2041	21.4853	11.2	5.1	168	0.0f		11	7	160	0.19	1.10	sx	BUD	16001800	BUD		220	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	16001800

Sta	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	299.4	Pg	08:29:55.216	0.1					T__		943.4		---	ML	1.8	5546280	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.19	299.4	Lg	08:29:58.645	-0.3					T__				---		5546281	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.65	263.1	Pg	08:30:04.501	0.0					T__		33.1		---	ML	1.4	5546282	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.65	263.1	Lg	08:30:14.393	-0.4					T__				---		5546283	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	0.70	295.2	Pg	08:30:05.662	0.9					T__		39.7		---	ML	1.5	5546284	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.70	295.2	Lg	08:30:14.999	-0.4					T__				---		5546285	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
TRPA	0.71	95.6	Lg	08:30:16.340	-0.6					T__				---		5546286	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.72	293.1	Lg	08:30:15.512	-0.8					T__				---		5546287	FDSN	SK	--	BUD	iLoc	EHE	???	_	
KOLS	0.90	35.3	Pg	08:30:08.664	0.5					T__		15507.8		---	ML	4.2	5546288	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.90	35.3	Lg	08:30:19.895	-2.7					T__				---		5546289	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 4.2 magdef=1)																									
(Station ML: 4.2 magdef=1)																									
PSZ	1.10	255.6	Lg	08:30:30.623	0.1					T__				---		5546290	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
2020/08/10	08:40:22.99	1.59	0.72	48.5471	20.7644	11.8	3.9	8	0.0f		10	6	219	0.16	1.28	sx	BUD	16001802	BUD		292	

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.0	4 BUD	16001802

Sta	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	251.1	Pg	08:40:26.194	-0.2					T__		223.2		---	ML	1.1	5546319	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	251.1	Lg	08:40:29.573	0.5					T__				---		5546320	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.20	251.1	Pg	08:40:26.881	-0.3					T__		693.0		---	ML	1.7	5546322	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	251.1	Lg	08:40:30.918	0.5					T__				---		5546321	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.40	128.2	Pg	08:40:31.477	0.2					T__		42.0		---	ML	1.0	5546323	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	128.2	Lg	08:40:37.763	-0.6					T__				---		5546324	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU02A	0.45	200.7	Pg	08:40:32.635	-0.0					T__		34.2		---	ML	1.1	5546327	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	200.7	Lg	08:40:39.919	-0.1					T__				---		5546325	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.86	223.1	Lg	08:40:53.937	-0.0					T__				---		5546326	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.28	268.3	Sn	08:41:04.982	-1.6					T__				---		5546328	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
2020/08/10	09:20:03.75	1.29	1.04	48.8572	21.0509	7.5	6.2	10	0.0f		10	7	125	0.50	1.22	sx	BUD	16001804	BUD			218

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	16001804

Sta	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	223.3	Pg	09:20:13.852	0.2					T__		43.3		---	ML	1.3	5546358	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	223.3	Lg	09:20:21.125	-0.1					T__				---		5546359	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
KECS	0.53	225.2	Pg	09:20:14.715	0.4					T__		125.4		---	ML	1.9	5546363	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.53	225.2	Lg	09:20:22.250	-0.1					T__				---		5546364	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
ABAH	0.58	167.3	Pg	09:20:16.216	0.9					T__		44.2		---	ML	1.5	5546360	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.58	167.3	Lg	09:20:22.712	-2.2					T__				---		5546361	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
NIE	0.75	319.0	Lg	09:20:28.048	-0.5					T__				---		5546365	FDSN	PL	--	BUD	iLoc	BHE	???	_	
KOLS	0.81	84.1	Lg	09:20:31.289	-1.0					T__				---		5546366	FDSN	SK	--	BUD	iLoc	HHE	???	_	
HU02A	0.81	205.6	Pg	09:20:20.636	0.1					T__		42.0		---	ML	1.6	5546362	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.22	219.8	Pn	09:20:26.532	-0.6					T__		30.7		---	ML	1.7	5546367	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
2020/08/10	10:22:08.54	0.97	0.72	48.4412	19.5671	6.5	3.5	7	0.0f		10	6	168	0.49	1.12	sx	BUD	16001806	BUD			232

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 4 BUD 16001806

Sta	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	276.5	Pg	10:22:18.948	0.4					T__		16.8		---	ML	0.9 5546408	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.49	276.5	Lg	10:22:25.389	-0.5					T__				---		5546409	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
PSZ	0.57	157.2	Pg	10:22:21.255	0.5					T__		40.1		---	ML	1.4 5546406	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.57	157.2	Lg	10:22:29.763	0.1					T__				---		5546407	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
JOS	0.65	84.8	Pg	10:22:21.945	0.4					T__		30.4		---	ML	1.3 5546403	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	84.8	Lg	10:22:30.946	-0.4					T__				---		5546404	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
HU10A	0.70	211.8	Lg	10:22:33.426	-0.7					T__				---		5546410	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU02A	0.72	116.2	Pg	10:22:23.846	0.5					T__		23.7		---	ML	1.3 5546411	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	116.2	Lg	10:22:33.471	-1.1					T__				---		5546405	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
ABAH	1.12	96.8	Lg	10:22:46.756	-0.8					T__				---		5546412	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
2020/08/10	12:29:40.62	0.33	1.74	47.9102	20.0937	4.8	3.1	137	0.0	0.0	10	0	110	0.13	0.66	kx	BUD	16001808	BUD			
2020/08/10	12:29:37.89	0.92	1.71	47.8650	20.1529f				0.0f		10	7	119	0.18	0.68	kx	BUD_GT	16001809	BUD			170

(locality : Kismána Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 3 BUD 16001809

Sta	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	12:29:42.196	-0.2					T__		805.7		---	ML	1.7 5063885	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	12:29:45.155	-0.9					T__				---		5063886	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
HU23A	0.24	163.9	Lg	12:29:50.173	2.6					T__				---		5063894	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.36	44.0	Pg	12:29:44.741	-1.0					T__		110.6		---	ML	1.3 5063887	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	12:29:50.737	-1.1					T__				---		5063888	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
HU03A	0.37	276.2	Lg	12:29:49.727	-2.3					T__				---		5063892	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU01A	0.63	214.9	Lg	12:30:02.946	1.5					T__				---		5063893	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
KECS	0.66	19.7	Lg	12:30:02.543	1.4					T__				---		5063891	FDSN	SK	--	BUD	iLoc	EHE	???	_
JOS	0.68	22.1	Pg	12:29:51.617	0.0					T__		26.7		---	ML	1.3 5063889	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	12:30:04.636	2.6					T__				---		5063890	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
2020/08/11	06:34:16.34	1.92	0.00	45.9721	18.4145	25.1	6.0	165	0.0	0.0	4	0	264	0.25	0.29	kx	BUD	16001810	BUD			
2020/08/11	06:34:16.66	1.05	0.89	46.1765	18.2926f				0.0f		4	2	204	0.16	0.25	kx	BUD_GT	16001811	BUD			360

(locality : Komló Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.3	2 BUD	16001811

Sta	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	06:34:21.210	0.7					T__		52.9		---	ML	0.5	5546478	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	06:34:23.830	0.2					T__				---		5546479	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
MORH	0.25	80.9	Pg	06:34:22.012	-0.1					T__		82.6		---	ML	0.9	5546480	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.25	80.9	Lg	06:34:25.234	-1.4					T__				---		5546481	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(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
2020/08/11	07:48:12.45	1.03	0.69	46.0383	22.8519	9.7	5.2	94	7.1	14.4	10	5	139	0.16	0.96	sx	BUD	16001812	BUD			247

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	5 BUD	16001812

Sta	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	167.0	Pg	07:48:15.390	-0.3					T__		1332.3		---	ML	1.9	5546507	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.16	167.0	Lg	07:48:18.756	0.6					T__				---		5546508	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
GZR	0.65	184.7	Pg	07:48:24.772	-0.2					T__		106.0		---	ML	1.9	5546511	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.65	184.7	Lg	07:48:34.142	-0.0					T__				---		5546512	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
DRGR	0.76	352.7	Pg	07:48:27.803	0.2					T__		84.9		---	ML	1.9	5546509	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.76	352.7	Lg	07:48:37.456	-1.4					T__				---		5546510	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
LOT	0.87	132.2	Pg	07:48:29.770	0.5					T__		109.5		---	ML	2.0	5546515	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.87	132.2	Lg	07:48:41.711	-0.3					T__				---		5546516	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
BZS	0.96	244.4	Pg	07:48:31.380	0.2					T__		35.3		---	ML	1.6	5546513	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.96	244.4	Lg	07:48:44.399	0.2					T__				---		5546514	FDSN	RO	--	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
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2020/08/11 08:04:07.48 4.02 0.66 48.5781 20.8652 23.5 15.5 52 10.0f 6 4 317 0.23 0.93 sx BUD 16001814 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	0.23	249.3	Pg	08:04:12.777	0.3					T__		121.0		---	ML	1.0	5546541	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.23	249.3	Lg	08:04:16.532	0.2					T__				---		5546542	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.27	249.5	Pg	08:04:12.877	-0.4					T__		371.5		---	ML	1.6	5546546	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.27	249.5	Lg	08:04:17.478	-0.1					T__				---		5546543	FDSN	SK	--	BUD	iLoc	EHE	???	_	
HU02A	0.51	206.6	Lg	08:04:25.973	-0.0					T__				---		5546544	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.93	224.9	Sn	08:04:41.020	1.0					T__				---		5546545	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
 2020/08/11 08:24:03.69 0.88 1.03 48.5548 18.3238 7.8 3.3 15 0.0f 13 8 146 0.35 1.53 sx BUD 16001816 BUD 195

Magnitude Err Nsta Author OrigID

ML 1.6 0.1 5 BUD 16001816

Sta	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	99.9	Pg	08:24:11.093	0.2					T__		33.6		---	ML	0.8	5546575	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	99.9	Lg	08:24:16.498	0.3					T__				---		5546576	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																					
JAVC	0.53	305.4	Pg	08:24:14.223	-0.5					T__		33.9		---	ML	1.3	5546577	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.53	305.4	Lg	08:24:23.540	0.3					T__				---		5546578	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																					
MODS	0.72	255.8	Pg	08:24:18.984	0.6					T__				---		5546579	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.72	255.8	Lg	08:24:29.589	-0.0					T__				---		5546580	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU10A	0.85	146.5	Lg	08:24:32.766	-1.7					T__				---		5546581	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU03A	1.07	126.9	Pn	08:24:25.631	0.6					T__		72.8		---	ML	2.0	5546582	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																					
PSZ	1.23	120.7	Pn	08:24:27.620	0.2					T__		28.5		---	ML	1.6	5546583	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.23	120.7	Sn	08:24:44.163	-2.2					T__				---		5546584	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																					
JOS	1.47	91.5	Pn	08:24:31.310	0.7					T__		22.6		---	ML	1.7	5546586	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.47	91.5	Sn	08:24:52.548	0.6					T__				---		5546585	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																					
HU02A	1.53	105.6	Sn	08:24:54.574	1.0					T__				---		5546587	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
 2020/08/11 08:48:21.03 0.96 0.82 46.1398 18.0597 12.0 5.1 141 0.0 0.0 5 0 221 0.06 0.41 kx BUD 16001818 BUD
 2020/08/11 08:48:19.21 1.02 0.88 46.1204 18.0243f 0.0f 5 3 221 0.06 0.44 kx BUD_GT 16001819 BUD 316

(locality : Bükkösd Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.3 0.4 2 BUD 16001819

Sta	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	08:48:21.042	-0.1					T__		1177.3		---	ML	1.5 5546611	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	08:48:22.515	-0.5					T__				---		5546612	FDSN	HU	--	iLoc	BUD	HHZ	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
A273A	0.25	215.5	Lg	08:48:30.234	1.6					T__				---		5546615	FDSN	Z3	00	iLoc	BUD	HHN	???	_
MORH	0.44	77.4	Pg	08:48:28.386	-0.1					T__		31.2		---	ML	1.0 5546613	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.44	77.4	Lg	08:48:34.935	-0.6					T__				---		5546614	FDSN	HU	--	iLoc	BUD	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
2020/08/12	07:03:16.76	1.10	0.79	47.5970	16.4056	7.9	4.3	150	0.0f		8	5	190	0.13	0.97	sx	BUD	16001820	BUD		262	

Magnitude Err Nsta Author OrigID
ML 1.3 0.3 3 BUD 16001820

Sta	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	0.13	50.0	Pg	07:03:19.674	-0.2					T__		113.5		---	ML	0.7 5546637	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.13	50.0	Lg	07:03:22.436	0.3					T__				---		5546638	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
A004A	0.37	359.1	Lg	07:03:30.061	0.6					T__				---		5546643	FDSN	Z3	00	BUD	iLoc	HHE	???	_
CONA	0.49	312.3	Pg	07:03:26.736	0.1					T__		45.2		---	ML	1.3 5546639	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.49	312.3	Lg	07:03:32.680	-0.6					T__				---		5546640	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
ARSA	0.69	240.3	Pg	07:03:31.220	1.0					T__		42.0		---	ML	1.5 5546641	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.69	240.3	Lg	07:03:37.822	-1.1					T__				---		5546642	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
MODS	0.97	36.7	Lg	07:03:51.380	-0.2					T__				---		5546644	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	
2020/08/12	07:44:29.06	0.34	0.96	47.8099	19.0338	6.0	3.1	166	0.0	0.0	13	0	164	0.04	1.22	kx	BUD	16001822	BUD				
2020/08/12	07:44:26.88	0.88	0.97	47.7791	19.0372f				0.0f		13	8	169	0.07	1.24	kx	BUD_GT	16001823	BUD			176	
(locality : Dunabogdány Hungary)																							
(description : known quarry blast)																							
(GT info : GT2 explosion)																							

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 16001823

Sta	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	07:44:29.289	0.5					T__		3639.4		---	ML	2.0 5546706	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.07	349.3	Lg	07:44:30.460	-0.1					T__				---		5546707	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
(Reading ML: 2.0 magdef=1)																								

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(Station ML: 2.0 magdef=0
HU03A 0.40 71.6 Pg 07:44:36.041 0.6 T__ 131.4 --- ML 1.5 5546708 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU03A 0.40 71.6 Lg 07:44:42.642 0.8 T__ --- 5546709 FDSN ZJ 00 iLoc BUD HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU09A 0.46 252.6 Lg 07:44:44.546 0.1 T__ --- 5546713 FDSN ZJ 00 iLoc BUD HHE ??? _
PSZ 0.59 76.1 Pg 07:44:39.461 -0.3 T__ 51.6 --- ML 1.5 5546710 FDSN GE -- iLoc BUD HHZ HHZ _
PSZ 0.59 76.1 Lg 07:44:46.904 -2.2 T__ --- 5546711 FDSN GE -- iLoc BUD HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.73 349.4 Pg 07:44:40.789 -1.0 T__ 11.3 --- ML 1.0 5546712 FDSN SK -- iLoc BUD HHN HHZ _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
HU08A 0.83 245.6 Lg 07:44:56.615 -0.1 T__ --- 5546714 FDSN ZJ 00 iLoc BUD HHN ??? _
HU02A 1.06 70.5 Pn 07:44:48.581 0.6 T__ 34.9 --- ML 1.6 5546702 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU02A 1.06 70.5 Sn 07:45:03.572 -1.2 T__ --- 5546703 FDSN ZJ 00 iLoc BUD HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 1.24 54.0 Pn 07:44:51.553 1.2 T__ 28.8 --- ML 1.6 5546704 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 1.24 54.0 Sn 07:45:09.700 0.9 T__ --- 5546705 FDSN ZJ -- iLoc BUD 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
2020/08/12 09:39:38.22 0.95 0.46 48.4518 19.5508 7.5 3.6 10 10.0f 9 5 170 0.48 0.73 sx BUD 16001824 BUD 289

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Magnitude Err Nsta Author OrigID
ML 1.2 0.1 4 BUD 16001824

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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 0.48 275.3 Pg 09:39:48.328 0.2 T__ 11.4 --- ML 0.7 5546785 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.48 275.3 Lg 09:39:54.804 -0.4 T__ --- 5546786 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
PSZ 0.58 156.6 Pg 09:39:50.921 0.3 T__ 32.7 --- ML 1.3 5546791 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.58 156.6 Lg 09:39:59.383 -0.1 T__ --- 5546792 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.62 86.8 Lg 09:39:59.765 0.1 T__ --- 5546793 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.66 85.8 Pg 09:39:51.530 0.2 T__ 20.4 --- ML 1.2 5546787 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.66 85.8 Lg 09:40:00.429 -0.4 T__ --- 5546788 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.73 116.5 Pg 09:39:53.502 0.3 T__ 17.7 --- ML 1.2 5546789 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.73 116.5 Lg 09:40:03.020 -0.8 T__ --- 5546790 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
2020/08/13 05:18:22.04 0.91 0.40 48.7492 19.3762 5.1 3.8 120 2.6 24.9 10 5 133 0.41 0.99 sx BUD 16001826 BUD 233

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.0 5 BUD 16001826

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
LANS	0.41	8.5	Pg	05:18:30.124	-0.0					T__		92.0		---	ML	1.4 5546874	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.41	8.5	Lg	05:18:35.923	0.1					T__				---		5546875	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
VYHS	0.44	234.7	Pg	05:18:31.134	0.1					T__		19.3		---	ML	0.8 5546871	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.44	234.7	Lg	05:18:37.525	-0.0					T__				---		5546872	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=0)																								
JOS	0.81	107.8	Pg	05:18:38.558	0.5					T__		26.6		---	ML	1.4 5546868	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.81	107.8	Lg	05:18:49.759	-0.4					T__				---		5546873	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
PSZ	0.90	157.2	Pg	05:18:41.131	0.2					T__		31.8		---	ML	1.5 5546876	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.90	157.2	Lg	05:18:53.571	-0.6					T__				---		5546877	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU02A	0.99	128.9	Pn	05:18:42.183	0.2					T__		30.1		---	ML	1.5 5546869	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	128.9	Lg	05:18:56.253	-0.2					T__				---		5546870	FDSN	ZJ	00	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
2020/08/13	08:37:07.07	3.88	0.70	48.6050	20.7844	22.9	12.0	32	10.0f		6	4	321	0.20	0.91	sx	BUD	16001828	BUD			342

Magnitude Err Nsta Author OrigID

Sta	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	236.2	Pg	08:37:11.487	0.0					T__		133.3		---	ML	1.0 5546902	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	236.2	Lg	08:37:14.867	0.0					T__				---		5546903	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
KECS	0.23	238.6	Lg	08:37:15.833	-0.2					T__				---		5546904	FDSN	SK	--	BUD	iLoc	EHE	???	_
HU02A	0.51	199.8	Pg	08:37:17.740	-0.1					T__		20.4		---	ML	1.0 5546905	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.51	199.8	Lg	08:37:25.920	0.2					T__				---		5546906	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
PSZ	0.91	221.2	Sn	08:37:40.391	1.2					T__				---		5546907	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
2020/08/13	08:52:19.93	0.88	0.35	47.9096	19.0387	14.2	4.4	132	0.0	0.0	7	0	227	0.07	1.16	kx	BUD	16001830	BUD			
2020/08/13	08:52:18.59	1.00	1.17	47.8355	19.1270f				0.0f		7	4	199	0.07	1.15	kx	BUD_GT	16001831	BUD			336

(locality : Sejce-Vác Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 3 BUD 16001831

Sta	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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HU10A 0.07 277.6 Pg      08:52:20.768  0.2      T__      2439.6      ___ ML      1.9 5546947      FDSN ZJ      00 iLoc BUD  HHZ HHZ  _
HU10A 0.07 277.6 Lg      08:52:21.794 -0.7      T__      ___          5546948      FDSN ZJ      00 iLoc BUD  HHE ???  _
  (Reading ML: 1.9 magdef=1
  (Station ML: 1.9 magdef=1
HU03A 0.33  77.7 Lg      08:52:31.867  0.8      T__      ___          5546949      FDSN ZJ      00 iLoc BUD  HHN ???  _
HU02A 0.98  72.5 Pn      08:52:39.494  0.9      T__      39.3        ___ ML      1.6 5546945      FDSN ZJ      00 iLoc BUD  HHZ HHZ  _
HU02A 0.98  72.5 Lg      08:52:52.407 -2.0      T__      ___          5546946      FDSN ZJ      00 iLoc BUD  HHE ???  _
  (Reading ML: 1.6 magdef=1
  (Station ML: 1.6 magdef=1
JOS   1.15  54.5 Pn      08:52:41.992  1.1      T__      23.4        ___ ML      1.5 5546943      FDSN ZJ      -- iLoc BUD  HHZ HHZ  _
JOS   1.15  54.5 Sn      08:52:57.431 -1.1      T__      ___          5546944      FDSN ZJ      -- iLoc BUD  HHZ ???  _
  (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
2020/08/14 07:21:15.52  2.63  0.76 48.0599  20.7149  11.4  5.8 149  0.1  3.8  7  5 200  0.14  0.57  sx BUD  16001832  BUD  270

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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 0.14 296.2 Pg      07:21:18.748 -0.2      T__      778.3      ___ ML      1.6 5546975      FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU02A 0.14 296.2 Lg      07:21:21.372 -0.5      T__      ___          5546976      FDSN ZJ      00 BUD  iLoc  HHN ???  _
ABAH  0.42  55.9 Lg      07:21:31.221 -0.4      T__      ___          5546978      FDSN HU      -- BUD  iLoc  HHN ???  _
KECS  0.45 340.2 Lg      07:21:32.050  0.5      T__      ___          5546972      FDSN SK      -- BUD  iLoc  EHE ???  _
JOS   0.45 345.0 Pg      07:21:24.969  0.3      T__      40.1        ___ ML      1.2 5546973      FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS   0.45 345.0 Lg      07:21:31.208 -0.4      T__      ___          5546974      FDSN ZJ      -- BUD  iLoc  HHE ???  _
PSZ   0.57 255.9 Lg      07:21:37.608  0.9      T__      ___          5546977      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
2020/08/14 07:43:17.88  0.95  0.39 48.7537  19.2186  5.8  3.7 133  0.3  8.6  9  5 105  0.36  1.08  sx BUD  16001834  BUD  189

```

```

Magnitude Err Nsta Author  OrigID
ML      1.4 0.0  4 BUD  16001834

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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 0.36 224.5 Pg      07:43:25.323 -0.0      T__      12.3      ___ ML      0.4 5547006      FDSN SK      -- BUD  iLoc  HHE HHZ  _
VYHS 0.36 224.5 Lg      07:43:30.846  0.1      T__      ___          5547007      FDSN SK      -- BUD  iLoc  HHN ???  _
  (Reading ML: 0.4 magdef=1
  (Station ML: 0.4 magdef=1
LANS  0.43  22.4 Pg      07:43:26.373 -0.1      T__      85.0        ___ ML      1.4 5547008      FDSN SK      -- BUD  iLoc  EHZ EHZ  _
LANS  0.43  22.4 Lg      07:43:32.685  0.3      T__      ___          5547009      FDSN SK      -- BUD  iLoc  EHN ???  _
  (Reading ML: 1.4 magdef=1
  (Station ML: 1.4 magdef=1
JOS   0.91 105.9 Pg      07:43:36.298  0.4      T__      25.5        ___ ML      1.4 5547002      FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS   0.91 105.9 Lg      07:43:48.725 -0.7      T__      ___          5547003      FDSN ZJ      -- BUD  iLoc  HHE ???  _
  (Reading ML: 1.4 magdef=1
  (Station ML: 1.4 magdef=1
JAVC  1.03 276.5 Lg      07:43:54.010 -0.0      T__      ___          5547010      FDSN CZ      -- BUD  iLoc  HHN ???  _
HU02A 1.08 125.5 Pn      07:43:39.231 -0.1      T__      18.9        ___ ML      1.4 5547004      FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU02A 1.08 125.5 Lg      07:43:55.379  0.1      T__      ___          5547005      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
2020/08/14	08:03:51.93	3.89	1.65	48.5895	20.7925	22.5	15.4	44	10.0f		6	4	318	0.19	0.90	sx	BUD	16001836	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	
JOS	0.19	241.0	Pg	08:03:56.352	0.1					T__		89.2		---	ML	0.8	5547033	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	241.0	Lg	08:03:59.568	-0.0					T__				---		5547034	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
KECS	0.23	242.6	Pg	08:03:56.921	-0.0					T__	250.6			---	ML	1.3	5547035	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.23	242.6	Lg	08:04:00.929	0.1					T__				---		5547036	FDSN	SK	--	BUD	iLoc	EHE	???	_	
HU02A	0.50	201.0	Lg	08:04:10.265	0.1					T__				---		5547037	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
PSZ	0.90	222.1	Sn	08:04:21.015	-2.9					T__				---		5547038	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
2020/08/14	08:58:25.70	0.92	1.77	48.8015	21.6019	7.2	3.9	171	0.0f		15	8	126	0.46	1.45	sx	BUD	16001838	BUD		190	

Magnitude Err Nsta Author OrigID
 ML 1.9 0.2 7 BUD 16001838

Sta	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	73.2	Pg	08:58:34.231	-0.5					T__		43052.9		---	ML	4.2	5547102	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.46	73.2	Lg	08:58:42.883	0.5					T__				---		5547103	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=0																									
JOS	0.77	246.9	Pg	08:58:39.847	-1.1					T__		67.8		---	ML	1.8	5547091	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.77	246.9	Lg	08:58:54.325	1.9					T__				---		5547105	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
KECS	0.81	247.1	Pg	08:58:41.988	0.3					T__	156.2			---	ML	2.1	5547096	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.81	247.1	Lg	08:58:53.192	-0.5					T__				---		5547097	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
TRPA	0.92	136.8	Pg	08:58:43.455	-0.0					T__		71.1		---	ML	1.9	5547098	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.92	136.8	Lg	08:59:01.231	3.0					T__				---		5547099	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
HU02A	0.99	226.9	Pn	08:58:44.745	-1.1					T__		69.8		---	ML	1.9	5547092	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	226.9	Lg	08:58:58.921	-1.9					T__				---		5547093	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
NIE	1.06	306.3	Pg	08:58:44.989	-0.6					T__	20.4			---	ML	1.4	5547094	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.06	306.3	Lg	08:59:03.340	2.1					T__				---		5547095	FDSN	PL	--	BUD	iLoc	BHZ	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																									
PSZ	1.44	232.8	Sn	08:59:16.669	3.4					T__				---		5547104	FDSN	GE	--	BUD	iLoc	HHE	???	_	
LANS	1.45	284.8	Pn	08:58:51.895	-0.6					T__	57.6			---	ML	2.1	5547100	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.45	284.8	Lg	08:59:15.013	1.4					T__				---		5547101	FDSN	SK	--	BUD	iLoc	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
2020/08/14	09:01:25.66	1.47	1.17	47.3708	18.4511	9.1	5.1	116	0.0f	9	7	160	0.13	1.16	sx	BUD	16001840	BUD			183	

Magnitude Err Nsta Author OrigID

Sta	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	266.7	Pg	09:01:28.253	-0.6					T__		2536.9		---	ML	2.1	5547152	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	266.7	Lg	09:01:30.192	-1.7					T__				---		5547153	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0																									
HU09A	0.27	350.2	Lg	09:01:36.361	-0.4					T__				---		5547157	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.36	279.8	Pg	09:01:34.923	1.5					T__		72.5		---	ML	1.2	5547160	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.36	279.8	Lg	09:01:39.493	-0.3					T__				---		5547159	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																									
MPLH	0.65	252.4	Lg	09:01:50.089	1.2					T__				---		5547154	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A266A	0.86	188.7	Lg	09:01:55.102	-0.2					T__				---		5547158	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
VVHS	1.15	12.8	Lg	09:02:04.948	-0.9					T__				---		5547155	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORH	1.16	173.4	Sn	09:02:05.869	0.4					T__				---		5547156	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
2020/08/14	10:01:16.76	0.92	1.02	48.1554	16.9706	7.3	4.3	138	0.0f	10	7	139	0.30	1.33	sx	BUD	16001842	BUD			165	

Magnitude Err Nsta Author OrigID

ML 1.6 0.3 3 BUD 16001842

Sta	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	43.1	Pg	10:01:22.565	-0.8					T__				---		5547185	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.30	43.1	Lg	10:01:27.431	-1.2					T__				---		5547186	FDSN	SK	--	BUD	iLoc	HHN	???	_	
EGYH	0.78	161.6	Lg	10:01:44.272	0.3					T__				---		5547193	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	0.78	253.4	Pg	10:01:31.418	-0.8					T__		24.1		---	ML	1.3	5547189	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.78	253.4	Lg	10:01:42.517	0.1					T__				---		5547190	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
JAVC	0.84	33.2	Pg	10:01:36.044	2.0					T__		41.7		---	ML	1.6	5547187	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
MPLH	1.06	158.5	Lg	10:01:53.050	-0.1					T__				---		5547194	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VVHS	1.29	74.1	Sn	10:02:00.372	-0.2					T__				---		5547188	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	1.33	227.7	Pn	10:01:42.628	0.4					T__		35.6		---	ML	1.8	5547191	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.33	227.7	Lg	10:01:59.829	0.7					T__				---		5547192	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	
2020/08/14	11:31:17.25	0.45	1.60	48.0198	20.0381	7.8	3.7	129	0.0	0.0	7	0	171	0.14	0.58	kx	BUD	16001844	BUD				

2020/08/14 11:31:14.85 0.97 2.99 47.8650 20.1529f 0.0f 7 4 123 0.18 0.68 kx BUD_GT 16001845 BUD 243
 (locality : Kismána Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.2 0.1 3 BUD 16001845

Sta	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	11:31:18.804	-0.5					T__		595.5		---	ML	1.6	5064652	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	11:31:21.895	-1.1					T__				---		5064653	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU23A	0.24	163.9	Lg	11:31:31.421	6.9					T__				---		5064657	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.36	44.0	Pg	11:31:21.618	-1.1					T__		68.1		---	ML	1.1	5064654	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	11:31:27.247	-1.6					T__				---		5064655	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
JOS	0.68	22.1	Pg	11:31:27.712	-0.8					T__		21.9		---	ML	1.2	5064656	FDSN	ZJ	--	BUD	iLoc	HHN	HHZ	_
JOS	0.68	22.1	Lg	11:31:38.521	-0.4					T__				---		5064658	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
2020/08/14	11:38:40.42	2.64	0.14	46.1088	18.0746	8.8	5.2	118	0.2	3.8	7	5	117	0.03	1.12	sx	BUD	16001846	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	
KOVH	0.03	139.4	Pg	11:38:41.648	0.0					T__		1270.1		---	ML	1.5	5547245	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	139.4	Lg	11:38:42.960	0.0					T__				---		5547246	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A273A	0.26	223.2	Lg	11:38:50.061	-0.1					T__				---		5547249	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORH	0.41	74.8	Pg	11:38:48.953	-0.0					T__		37.2		---	ML	1.0	5547247	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.41	74.8	Lg	11:38:55.502	-0.1					T__				---		5547248	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A266A	0.44	17.5	Lg	11:38:56.728	0.2					T__				---		5547250	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	1.12	341.0	Sn	11:39:18.754	-0.1					T__				---		5547251	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
2020/08/14	19:23:39.15	1.78	2.08	46.1697	17.1522	31.3	6.6	25	14.9	9.0	7	6	175	0.10	1.04	ke	BUD	16001848	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	
A264A	0.10	95.9	Pg	19:23:42.170	-0.4					T__		144.8		---	ML	0.7	5547271	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.10	95.9	Lg	19:23:45.839	0.8					T__				---		5547272	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
BEHE	0.40	319.2	Lg	19:23:53.400	0.1					T__				---		5547277	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A273A	0.53	118.5	Sn	19:24:00.887	1.2					T__				---		5547275	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
KOVH	0.66	96.7	Pg	19:23:52.033	-0.4					T__		37.1		---	ML	1.4	5547273	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOGS	0.68	294.3	Lg	19:24:02.170	0.5					T__				---		5547274	FDSN	SL	--	BUD	iLoc	BHE	???	_	
MORH	1.04	87.0	Sn	19:24:15.373	3.2					T__				---		5547276	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
2020/08/15	02:52:14.05	0.99	0.83	46.3757	22.7574	23.0	4.2	84	14.8	17.7	10	5	128	0.42	1.10	ke	BUD	16001850	BUD		192	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	16001850

Sta	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	0.42	355.6	Pg	02:52:23.150	0.3					T__		176.0		___	ML	1.7	5547303	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.42	355.6	Lg	02:52:28.647	-0.7					T__				---		5547304	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DEV	0.50	168.3	Pg	02:52:24.172	0.2					T__		90.6		___	ML	1.7	5547307	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.50	168.3	Lg	02:52:30.760	-0.3					T__				---		5547308	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CJR	0.67	59.5	Pn	02:52:27.835	-0.5					T__		123.2		___	ML	2.0	5547309	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	0.67	59.5	Sn	02:52:40.841	1.1					T__				---		5547310	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
GZR	0.98	179.2	Pg	02:52:33.122	0.2					T__		62.3		___	ML	1.8	5547311	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.98	179.2	Lg	02:52:45.378	-0.9					T__				---		5547312	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	1.10	226.7	Pn	02:52:34.677	0.5					T__		23.0		___	ML	1.5	5547305	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.10	226.7	Sn	02:52:48.616	-0.9					T__				---		5547306	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
2020/08/15	05:14:18.32	0.95	1.00	46.0879	17.0790	5.6	3.5	2	3.8	14.4	27	17	80	0.16	1.61	ke	BUD	16001852	BUD		149	

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	15 BUD	16001852

Sta	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	0.16	63.8	Pg	05:14:22.348	0.4					T__		653.8		___	ML	1.6	5547374	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.16	63.8	Lg	05:14:25.834	1.3					T__				---		5547375	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
BEHE	0.44	331.3	Pg	05:14:26.849	-0.4					T__		420.0		___	ML	2.1	5547376	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.44	331.3	Lg	05:14:33.181	-0.1					T__				---		5547380	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A273A	0.54	108.2	Sn	05:14:41.032	-1.4					T__				---		5547382	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A263A	0.58	16.4	Pg	05:14:30.799	0.9					T__		713.3		___	ML	2.7	5547377	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.58	16.4	Lg	05:14:37.722	-0.1					T__				---		5547381	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
A265A	0.60	55.6	Pg	05:14:30.128	-0.3					T__		749.0		___	ML	2.7	5547373	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A265A	0.60	55.6	Lg	05:14:39.037	0.4	T__								5547383	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=0)																						
KOGS	0.68	302.4	Pg	05:14:31.905	0.2	T__	198.2			ML	2.2	5547385	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_		
KOGS	0.68	302.4	Lg	05:14:40.598	0.1	T__						5547386	FDSN	SL	--	BUD	iLoc	BHE	???	_		
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=1)																						
KOVH	0.71	89.6	Pg	05:14:32.123	-0.5	T__	255.9			ML	2.3	5547371	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
KOVH	0.71	89.6	Lg	05:14:41.660	-0.6	T__						5547384	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						
PTJ	0.80	257.3	Pg	05:14:34.185	0.1	T__	78.6			ML	1.8	5547387	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_		
PTJ	0.80	257.3	Lg	05:14:44.482	-0.9	T__						5547388	FDSN	CR	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=0)																						
A262A	0.87	334.1	Pn	05:14:35.952	-0.3	T__	136.0			ML	2.1	5547389	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
A261A	0.87	3.2	Pg	05:14:34.394	-1.1	T__	180.3			ML	2.2	5547378	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=1)																						
A266A	0.93	61.5	Pg	05:14:36.005	-0.8	T__	237.1			ML	2.4	5547390	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A266A	0.93	61.5	Lg	05:14:50.129	0.2	T__						5547391	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Reading ML: 2.4 magdef=1)																						
(Station ML: 2.4 magdef=0)																						
MORH	1.09	82.8	Pn	05:14:38.287	-0.7	T__	53.8			ML	1.8	5547372	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
MORH	1.09	82.8	Sn	05:14:55.501	0.8	T__						5547392	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
MPLH	1.13	16.2	Pn	05:14:39.108	-0.6	T__	54.5			ML	1.9	5547393	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
CRES	1.16	257.5	Pn	05:14:41.429	0.7	T__	36.2			ML	1.7	5547379	FDSN	SL	--	BUD	iLoc	BHE	BHZ	_		
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=0)																						
BLY	1.34	176.8	Pg	05:14:43.955	0.2	T__	46.4			ML	1.9	5547396	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_		
BLY	1.34	176.8	Sn	05:15:04.578	3.5	T__						5547397	FDSN	MN	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
ARSA	1.58	317.9	Pn	05:14:46.017	-0.3	T__	40.5			ML	2.0	5547395	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
A271A	1.61	47.9	Lg	05:15:12.097	0.6	T__						5547394	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
2020/08/15	06:22:35.36	0.93	1.64	47.7751	18.1899	4.3	3.2	106	14.5	7.2	16	11	86	0.09	1.59	ke	BUD	16001854	BUD		105	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	16001854

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
SRO	0.09	65.3	Pg	06:22:38.524	-0.1					T__		8945.9		ML	2.5	5547459	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

SR0	0.09	65.3	Lg	06:22:40.279	-1.2	T__										5547460	FDSN	SK	--	BUD	iLoc	EHZ	???	_								
	(Reading ML: 2.5 magdef=1)																															
	(Station ML: 2.5 magdef=0)																															
A338A	0.26	24.4	Pg	06:22:42.557	1.2	T__	424.6									ML	1.7	5547464	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_						
A338A	0.26	24.4	Lg	06:22:46.687	0.5	T__												5547463	FDSN	Z3	00	BUD	iLoc	HHZ	???	_						
	(Reading ML: 1.7 magdef=1)																															
	(Station ML: 1.7 magdef=1)																															
A339A	0.36	278.8	Lg	06:22:49.058	-0.1	T__												5547465	FDSN	Z3	00	BUD	iLoc	HHE	???	_						
HU08A	0.39	207.7	Lg	06:22:48.622	-1.4	T__													5547470	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
CSKK	0.42	173.4	Pg	06:22:44.283	0.2	T__	226.7												ML	1.8	5547455	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
CSKK	0.42	173.4	Lg	06:22:50.122	-1.0	T__														5547456	FDSN	HU	--	BUD	iLoc	HHN	???	_				
	(Reading ML: 1.8 magdef=1)																															
	(Station ML: 1.8 magdef=1)																															
HU10A	0.56	82.5	Lg	06:22:56.181	0.2	T__														5547462	FDSN	ZJ	00	BUD	iLoc	HHE	???	_				
EGYH	0.68	238.7	Lg	06:23:00.302	1.3	T__															5547461	FDSN	HU	--	BUD	iLoc	HHN	???	_			
VYHS	0.84	30.8	Pg	06:22:52.076	-0.3	T__	15.4														ML	1.2	5547466	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.84	30.8	Lg	06:23:02.938	-1.6	T__																5547467	FDSN	SK	--	BUD	iLoc	HHE	???	_		
	(Reading ML: 1.2 magdef=1)																															
	(Station ML: 1.2 magdef=0)																															
MODS	0.86	314.7	Pg	06:22:52.539	-0.0	T__																5547457	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.86	314.7	Lg	06:23:03.868	-1.6	T__																	5547458	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	1.58	276.4	Pn	06:23:05.276	3.1	T__	25.0															ML	1.8	5547469	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 1.8 magdef=1)																															
	(Station ML: 1.8 magdef=1)																															
MORH	1.59	168.6	Sn	06:23:25.683	3.2	T__																	5547468	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
2020/08/15	16:43:43.69	0.75	1.03	46.6894	18.4030	3.1	2.6	157	8.3	5.9	50	35	38	0.19	2.48	ke	BUD	16001856	BUD		73	

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.2	23 BUD	16001856

Sta	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	0.19	210.2	Pg	16:43:48.194	0.2					T__		4117.6				ML	2.4	5547632	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.19	210.2	Lg	16:43:50.820	-0.5					T__																
	(Reading ML: 2.4 magdef=1)																									
	(Station ML: 2.4 magdef=1)																									
A267A	0.26	11.9	Pg	16:43:49.529	0.3					T__		895.0				ML	2.0	5547647	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.26	11.9	Lg	16:43:53.448	-0.4					T__																
	(Reading ML: 2.0 magdef=1)																									
	(Station ML: 2.0 magdef=0)																									
A272A	0.39	81.7	Pg	16:43:52.323	0.5					T__		913.4				ML	2.3	5547649	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A272A	0.39	81.7	Lg	16:43:58.142	-0.1					T__																
	(Reading ML: 2.3 magdef=1)																									
	(Station ML: 2.3 magdef=1)																									
TIH	0.41	301.2	Pg	16:43:51.371	-0.7					T__		2263.8				ML	2.8	5547638	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.8 magdef=1)																									
	(Station ML: 2.8 magdef=0)																									
A265A	0.50	237.9	Pg	16:43:53.598	-0.2					T__		679.0				ML	2.5	5547635	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.50	237.9	Lg	16:44:01.527	0.7					T__																
	(Reading ML: 2.5 magdef=1)																									
	(Station ML: 2.5 magdef=1)																									

MORH	0.50	160.6	Pg	16:43:53.890	0.0	T__	287.6	___	ML	2.2	5547634	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A271A	0.55	32.3	Pg	16:43:55.505	0.5	T__	315.3	___	ML	2.3	5547652	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A271A	0.55	32.3	Lg	16:44:03.822	0.0	T__		---			5547653	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
HU22A	0.62	125.4	Pn	16:43:56.821	-0.2	T__	1061.2	___	ML	2.9	5547637	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
KOVH	0.64	199.3	Pg	16:43:56.039	-0.5	T__	114.1	___	ML	1.9	5547636	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.64	199.3	Lg	16:44:05.257	-0.2	T__		---			5547654	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
CSKK	0.68	351.8	Pg	16:43:57.212	-0.0	T__	277.4	___	ML	2.3	5547640	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
HU04A	0.75	80.2	Pn	16:43:59.253	0.4	T__	639.4	___	ML	2.7	5547642	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04A	0.75	80.2	Lg	16:44:11.101	0.8	T__		---			5547656	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A263A	0.75	266.7	Pg	16:43:57.911	-0.7	T__	725.8	___	ML	2.8	5547639	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
MPLH	0.76	309.4	Pg	16:43:59.141	0.3	T__	103.1	___	ML	1.9	5547641	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.76	309.4	Lg	16:44:10.779	0.8	T__		---			5547655	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
HU08A	0.81	336.4	Pg	16:43:59.965	0.2	T__	181.8	___	ML	2.2	5547657	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.81	336.4	Lg	16:44:12.674	0.4	T__		---			5547658	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A273A	0.87	208.0	Pg	16:44:00.757	-0.1	T__	301.5	___	ML	2.5	5547643	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.87	208.0	Sn	16:44:13.158	-0.6	T__		---			5547659	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
A261A	0.90	287.4	Lg	16:44:13.745	-0.1	T__		---			5547663	FDSN	Z3	00	BUD	iLoc	HHE	???	_
BUD	0.90	27.9	Sn	16:44:13.079	-1.9	T__		---			5547660	FDSN	HU	--	BUD	iLoc	HHN	???	_
A264A	0.93	235.9	Pg	16:44:01.799	-0.2	T__	208.9	___	ML	2.3	5547644	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
HU21A	0.98	110.8	Lg	16:44:18.911	0.9	T__		---			5547664	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
EGYH	1.03	315.2	Lg	16:44:18.732	-0.0	T__		---			5547665	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU01A	1.06	51.4	Pg	16:44:04.951	-0.2	T__	439.9	___	ML	2.7	5547646	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
BEHE	1.14	259.5	Pn	16:44:04.375	-0.3	T__	292.6	___	ML	2.6	5547645	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.14	259.5	Lg	16:44:20.679	-0.4	T__		---			5547666	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
A262A	1.30	278.4	Lg	16:44:26.830	1.0	T__		---			5547667	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A260A	1.31	297.7	Lg	16:44:26.931	0.5	T__		---			5547668	FDSN	Z3	00	BUD	iLoc	HHN	???	_
HU03A	1.46	33.4	Pg	16:44:12.204	-0.5	T__	101.5	___	ML	2.3	5547661	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU03A	1.46	33.4	Lg	16:44:32.329	-1.5	T__								5547669	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=1)																								
KOGS	1.50	261.5	Lg	16:44:32.624	0.8	T__								5547670	FDSN	SL	--	BUD	iLoc	BHN	???	_		
HU23A	1.58	52.3	Lg	16:44:37.605	0.0	T__								5547671	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	1.59	39.0	Pn	16:44:10.919	-0.0	T__				50.2				ML	2.1	5547673	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.59	39.0	Pg	16:44:13.962	-1.8	T__										5547672	FDSN	GE	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
VYHS	1.83	9.1	Pg	16:44:20.808	1.4	T__				13.7				ML	1.7	5547674	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.83	9.1	Sn	16:44:39.901	1.6	T__										5547675	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								
MODS	1.85	336.1	Pn	16:44:15.076	0.5	T__										5547662	FDSN	SK	--	BUD	iLoc	HHZ	???	_
HU02A	2.03	44.4	Lg	16:44:49.622	-3.1	T__										5547678	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
ARSA	2.05	286.9	Pg	16:44:24.079	2.0	T__				26.6				ML	2.1	5547676	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	2.05	286.9	Sn	16:44:43.896	1.8	T__										5547677	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
BLY	2.12	204.2	Lg	16:44:52.990	3.0	T__										5547679	FDSN	MN	--	BUD	iLoc	HHE	???	_
CONA	2.13	306.6	Pn	16:44:18.796	0.2	T__				26.3				ML	2.1	5547680	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
BZS	2.48	114.5	Lg	16:45:04.460	-0.6	T__										5547681	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
2020/08/17	09:10:21.47	1.48	0.34	48.2170	19.8841	11.7	4.2	129	0.0f		7	4	205	0.30	0.52	sx	BUD	16001858	BUD			250

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	16001858

Sta	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	178.7	Pg	09:10:28.489	0.2					T__		183.3			ML	1.4	5547745	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.30	178.7	Lg	09:10:32.946	-0.5					T__						5547746	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU03A	0.37	211.4	Lg	09:10:35.125	-0.1					T__						5547751	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU02A	0.44	102.2	Pg	09:10:31.126	0.3					T__		55.0			ML	1.3	5547749	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	102.2	Lg	09:10:37.905	-0.2					T__						5547750	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
JOS	0.52	57.2	Pg	09:10:31.786	-0.1					T__		45.4			ML	1.4	5547747	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	57.2	Lg	09:10:39.989	0.1					T__						5547748	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		
2020/08/17	09:43:28.52	0.74	1.30	47.2408	18.3079	8.8	4.9	157	0.0	0.0	6	0	205	0.13	1.27	kx	BUD	16001860	BUD					
2020/08/17	09:43:26.35	1.00	0.91	47.2302	18.2835f				0.0f		6	4	206	0.13	1.29	kx	BUD_GT	16001861	BUD					270
(locality : Iszkaszentgyörgy Hungary)																								

(description : known quarry blast)
(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	09:43:28.961	-0.7					T__		231.1		---	ML	1.0	5065207	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:43:31.775	-1.0					T__				---		5065208	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
HU08A	0.32	309.6	Lg	09:43:39.840	0.9					T__				---		5065212	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.51	263.5	Pg	09:43:37.521	0.5					T__		54.9		---	ML	1.5	5065209	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
MPLH	0.51	263.5	Lg	09:43:46.201	1.2					T__				---		5065210	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
PSZ	1.29	57.1	Sn	09:44:10.303	0.2					T__				---		5065211	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
2020/08/17	11:01:56.89	2.81	0.51	48.8900	20.6857	21.2	9.9	146	10.0f		8	6	238	0.41	1.11	sx	BUD	16001862	BUD			299

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 3 BUD 16001862

Sta	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	193.9	Pg	11:02:05.201	0.0					T__		105.5		---	ML	1.5	5547800	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.41	193.9	Lg	11:02:11.491	0.2					T__				---		5547801	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.43	198.1	Pg	11:02:05.303	-0.3					T__		237.2		---	ML	1.9	5547799	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.70	148.0	Lg	11:02:20.640	-0.3					T__				---		5547805	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.78	188.0	Pn	11:02:13.693	0.8					T__		37.1		---	ML	1.5	5547802	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	188.0	Lg	11:02:24.266	0.2					T__				---		5547803	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOLS	1.05	87.0	Lg	11:02:31.813	0.3					T__				---		5547806	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.11	208.8	Sn	11:02:34.734	0.6					T__				---		5547804	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
2020/08/18	07:38:16.88	1.83	0.96	47.9834	20.3843	16.9	6.5	142	0.0f		6	4	224	0.17	0.52	sx	BUD	16001864	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	
HU02A	0.17	34.1	Pg	07:38:21.016	0.1					T__		216.8		---	ML	1.1	5547874	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.17	34.1	Lg	07:38:24.014	-0.3					T__				---		5547875	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.34	259.0	Lg	07:38:29.770	-0.5					T__				---		5547878	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KECS	0.50	7.7	Lg	07:38:35.039	0.1					T__				---		5547879	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.52	11.4	Pg	07:38:28.229	0.8					T__		26.4		---	ML	1.2	5547876	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS 0.52 11.4 Lg 07:38:34.173 -1.4 T__ --- 5547877 FDSN ZJ -- 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
2020/08/18	09:09:53.00	0.98	0.47	48.5392	19.3234	7.6	3.5	178	10.0f		12	7	190	0.33	0.90	sx	BUD	16001866	BUD		256	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 BUD	16001866

Sta	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	262.2	Pg	09:10:00.186	0.2					T__		47.2		---	ML	0.9	5547907	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.33	262.2	Lg	09:10:04.460	-0.6					T__				---		5547908	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0)																									
HU03A	0.66	163.7	Lg	09:10:16.759	0.3					T__				---		5547913	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU10A	0.72	196.5	Lg	09:10:18.847	-0.1					T__				---		5547914	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.73	148.2	Pn	09:10:09.003	0.6					T__		51.6		---	ML	1.6	5547911	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.73	148.2	Lg	09:10:18.392	-0.7					T__				---		5547912	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
KECS	0.77	93.7	Pg	09:10:08.443	0.0					T__		134.7		---	ML	2.1	5547915	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.77	93.7	Lg	09:10:19.253	-0.0					T__				---		5547916	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																									
JOS	0.81	92.6	Pg	09:10:09.049	0.0					T__		60.6		---	ML	1.7	5547909	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.81	92.6	Lg	09:10:20.398	0.0					T__				---		5547910	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
HU02A	0.90	117.0	Pn	09:10:11.213	0.5					T__		32.3		---	ML	1.5	5547917	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.90	117.0	Lg	09:10:23.732	-0.6					T__				---		5547918	FDSN	ZJ	00	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	
2020/08/18	09:29:37.46	2.43	0.30	47.6699	18.9684	36.6	6.7	30	0.7	7.6	8	0	285	0.18	1.34	kx	BUD	16001868	BUD				
2020/08/18	09:29:39.58	0.96	0.70	47.8355	19.1270f				0.0f		8	6	197	0.07	1.15	kx	BUD_GT	16001869	BUD		263		

(locality : Sejce-Vác Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	16001869

Sta	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	09:29:41.611	0.0					T__		1183.5		---	ML	1.6	5065382	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
HU03A	0.33	77.7	Pg	09:29:46.771	0.1					T__		59.5		---	ML	1.0	5065385	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.33	77.7	Lg	09:29:52.951	0.9					T__				---		5065386	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									

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PSZ 0.52 80.6 Lg 09:29:58.926 -0.5 T__ --- 5065388 FDSN GE -- BUD iLoc HHN ??? _
VYHS 0.69 343.6 Lg 09:30:04.099 0.3 T__ --- 5065387 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.98 72.5 Pg 09:29:58.943 -0.9 T__ 21.9 --- ML 1.4 5065384 FDSN ZJ 00 BUD iLoc HHE HHZ _
HU02A 0.98 72.5 Sn 09:30:14.644 -1.0 T__ --- 5065389 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS 1.15 54.5 Pg 09:30:01.784 -0.7 T__ 19.6 --- ML 1.4 5065383 FDSN ZJ -- BUD iLoc HHN 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
2020/08/19 06:58:42.05 0.89 0.81 47.5946 16.2222 4.9 3.6 15 0.0f 15 9 100 0.24 1.47 ke BUD 16001870 BUD 190

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.6 5 BUD 16001870

```

```

Sta 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 0.24 68.6 Pg 06:58:47.220 -0.0 T__ 213.6 --- ML 1.3 5547989 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 68.6 Lg 06:58:50.474 -0.5 T__ --- 5547990 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
CONA 0.41 324.1 Pg 06:58:50.877 0.5 T__ 75.0 --- ML 1.3 5547996 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.41 324.1 Lg 06:58:56.321 0.3 T__ --- 5547997 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A260A 0.45 133.3 Lg 06:58:57.552 -0.3 T__ --- 5547993 FDSN Z3 00 BUD iLoc HHE ??? _
ARSA 0.59 234.3 Pg 06:58:53.156 -0.3 T__ 364.9 --- ML 2.4 5547994 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.59 234.3 Lg 06:59:00.570 -0.3 T__ --- 5547995 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
EGYH 0.77 102.9 Pg 06:58:58.012 0.2 T__ 310.4 --- ML 2.4 5547999 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.77 102.9 Lg 06:59:10.400 1.1 T__ --- 5547998 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
A008A 0.86 333.9 Lg 06:59:10.512 -0.0 T__ --- 5548000 FDSN Z3 00 BUD iLoc HH3 ??? _
MPLH 0.99 114.9 Lg 06:59:17.145 0.8 T__ --- 5548001 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.05 41.9 Pg 06:59:02.461 -1.0 T__ --- 5547991 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.05 41.9 Sn 06:59:17.491 -1.8 T__ --- 5547992 FDSN SK -- BUD iLoc HHE ??? _
KRUC 1.47 4.4 Pn 06:59:09.150 -0.2 T__ 25.5 --- ML 1.7 5548003 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.47 4.4 Sn 06:59:28.310 -0.9 T__ --- 5548002 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
2020/08/19 08:42:11.66 0.88 2.21 48.9063 18.8822 4.3 3.8 38 0.0f 11 6 115 0.41 1.34 sx BUD 16001872 BUD 174

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 16001872

```

```

Sta 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	0.41	184.3	Pg	08:42:20.800	0.7	T__	72.4	___	ML	1.3	5548039	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.41	184.3	Lg	08:42:24.009	-2.3	T__		---			5548040	FDSN	SK	--	BUD	iLoc	HHE	???	_
	(Reading ML: 1.3 magdef=1)																		
	(Station ML: 1.3 magdef=0)																		
LANS	0.46	57.4	Pg	08:42:20.616	-0.1	T__	191.0	___	ML	1.8	5548037	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.46	57.4	Lg	08:42:26.823	-0.2	T__		---			5548038	FDSN	SK	--	BUD	iLoc	EHN	???	_
	(Reading ML: 1.8 magdef=1)																		
	(Station ML: 1.8 magdef=0)																		
A331A	0.50	299.5	Pg	08:42:21.693	0.2	T__	63.3	___	ML	1.5	5548045	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	0.50	299.5	Lg	08:42:29.925	1.5	T__		---			5548046	FDSN	Z3	00	BUD	iLoc	HHN	???	_
	(Reading ML: 1.5 magdef=1)																		
	(Station ML: 1.5 magdef=1)																		
JOS	1.17	109.9	Pg	08:42:36.044	1.3	T__	26.5	___	ML	1.6	5548041	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.17	109.9	Lg	08:42:51.470	0.4	T__		---			5548042	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
	(Reading ML: 1.6 magdef=1)																		
	(Station ML: 1.6 magdef=1)																		
MORC	1.24	315.3	Pg	08:42:33.747	-0.9	T__	35.6	___	ML	1.7	5548047	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 1.7 magdef=1)																		
	(Station ML: 1.7 magdef=1)																		
HU02A	1.34	125.1	Pn	08:42:37.392	0.4	T__	24.8	___	ML	1.6	5548043	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.34	125.1	Sn	08:42:51.542	-5.3	T__		---			5548044	FDSN	ZJ	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
2020/08/19	08:50:48.81	1.12	1.33	48.5698	20.7881	7.3	3.6	9	2.0f		15	8	165	0.18	1.30	ke	BUD	16001874	BUD			202

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	8 BUD	16001874

Sta	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	246.0	Pg	08:50:52.655	0.1					T__		448.7		___	ML	1.5	5548093	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	246.0	Lg	08:50:56.502	1.0					T__				---		5548094	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.5 magdef=1)																								
	(Station ML: 1.5 magdef=1)																								
KECS	0.22	246.8	Pg	08:50:53.196	-0.1					T__		776.5		___	ML	1.8	5548098	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.22	246.8	Lg	08:50:57.501	0.7					T__				---		5548095	FDSN	SK	--	BUD	iLoc	EHE	???	_	
	(Reading ML: 1.8 magdef=1)																								
	(Station ML: 1.8 magdef=1)																								
ABAH	0.41	132.2	Pg	08:50:57.225	0.3					T__		82.7		___	ML	1.3	5548089	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	132.2	Lg	08:51:03.497	-0.2					T__				---		5548090	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
	(Reading ML: 1.3 magdef=1)																								
	(Station ML: 1.3 magdef=1)																								
HU02A	0.48	201.5	Pg	08:50:58.303	-0.6					T__		51.3		___	ML	1.3	5548091	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	201.5	Lg	08:51:06.391	-0.1					T__				---		5548092	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.3 magdef=1)																								
	(Station ML: 1.3 magdef=1)																								
PSZ	0.88	222.8	Pn	08:51:06.141	-1.1					T__		63.6		___	ML	1.8	5548096	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	222.8	Lg	08:51:20.001	-0.4					T__				---		5548097	FDSN	GE	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.8 magdef=1)																								
	(Station ML: 1.8 magdef=1)																								
LANS	1.05	304.2	Pg	08:51:08.913	-0.6					T__		43.5		___	ML	1.7	5548099	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TRPA 1.25 110.0 Pg 08:51:12.832 0.2 T__ 51.3 ___ ML 1.9 5548100 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.25 110.0 Sn 08:51:26.646 -4.1 T__ ___ 5548101 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
VYHS 1.30 267.4 Pn 08:51:13.741 0.7 T__ 9.9 ___ ML 1.2 5548102 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.30 267.4 Sn 08:51:32.309 0.1 T__ ___ 5548103 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
2020/08/19 09:08:32.00 1.03 0.89 48.2369 21.2178 6.6 3.8 153 0.0f 12 6 154 0.06 0.99 sx BUD 16001876 BUD 205

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 6 BUD 16001876

```

```

Sta 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 13.9 Pg 09:08:33.234 -0.6 T__ 22647.0 ___ ML 2.8 5548144 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.06 13.9 Lg 09:08:34.773 -0.8 T__ ___ 5548145 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
HU02A 0.48 256.4 Pg 09:08:42.032 -0.1 T__ 90.2 ___ ML 1.6 5548146 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 256.4 Lg 09:08:50.211 0.3 T__ ___ 5548147 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
JOS 0.52 300.1 Pg 09:08:42.939 0.4 T__ 85.5 ___ ML 1.7 5548148 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 300.1 Lg 09:08:49.988 -0.5 T__ ___ 5548149 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TRPA 0.89 96.4 Pg 09:08:49.659 0.3 T__ 78.1 ___ ML 1.9 5548150 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.89 96.4 Lg 09:09:02.573 -1.4 T__ ___ 5548151 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.94 250.7 Pn 09:08:52.765 1.2 T__ 69.0 ___ ML 1.9 5548152 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.94 250.7 Lg 09:09:05.337 -0.7 T__ ___ 5548153 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 0.99 44.8 Pg 09:08:51.957 1.1 T__ 11900.8 ___ ML 4.1 5548154 FDSN SK -- BUD iLoc HHZ HHZ _
KOLS 0.99 44.8 Lg 09:09:06.423 -0.5 T__ ___ 5548155 FDSN SK -- BUD iLoc HHE ??? _
(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
2020/08/19 10:01:47.22 1.01 0.72 48.8371 21.3083 6.3 4.4 152 0.0f 10 6 129 0.54 1.32 sx BUD 16001878 BUD 233

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 6 BUD 16001878

```

```

Sta 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  0.54 184.8 Pg    10:01:58.465  0.3      T__      89.4      ___ ML    1.8 5548192  FDSN HU    -- BUD  iLoc  HHZ HHZ  _
ABAH  0.54 184.8 Lg    10:02:07.657  0.4      T__      ___      ___      5548193  FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS   0.61 236.5 Pg    10:01:59.267 -0.2      T__      64.5      ___ ML    1.7 5548190  FDSN ZJ    -- BUD  iLoc  HHZ HHZ  _
JOS   0.61 236.5 Lg    10:02:08.604 -0.1      T__      ___      ___      5548191  FDSN ZJ    -- BUD  iLoc  HHE ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOLS  0.64 81.0 Pg     10:01:59.632  0.0      T__     15979.2    ___ ML    4.1 5548195  FDSN SK    -- BUD  iLoc  HHZ HHZ  _
KOLS  0.64 81.0 Lg     10:02:09.179 -0.9      T__      ___      ___      5548196  FDSN SK    -- BUD  iLoc  HHE ???  _
(Reading ML: 4.1 magdef=1
(Station ML: 4.1 magdef=0
NIE   0.88 311.7 Pg    10:02:04.078  0.2      T__      22.4      ___ ML    1.3 5548197  FDSN PL    -- BUD  iLoc  BHZ BHZ  _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU02A 0.89 216.4 Pg    10:02:04.571 -0.8      T__      70.8      ___ ML    1.8 5548198  FDSN ZJ    00 BUD  iLoc  HHZ HHZ  _
HU02A 0.89 216.4 Lg    10:02:19.049  0.1      T__      ___      ___      5548199  FDSN ZJ    00 BUD  iLoc  HHN ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
PSZ   1.32 226.2 Pn    10:02:13.391  1.3      T__      38.6      ___ ML    1.8 5548194  FDSN GE    -- 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
2020/08/19 10:14:30.90  0.96  1.77 48.5832  19.7939  8.8  4.2  20  10.0f  7  5 120  0.47  0.67  sx BUD  16001880  BUD  197

```

```

Magnitude  Err Nsta Author  OrigID
ML 1.2 0.2 4 BUD 16001880

```

```

Sta  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 0.47 102.0 Lg    10:14:48.341  0.9      T__      ___      ___      5548235  FDSN SK    -- BUD  iLoc  EHN ???  _
JOS  0.50 99.7 Pg    10:14:40.349 -0.7      T__      27.6      ___ ML    1.1 5548230  FDSN ZJ    -- BUD  iLoc  HHZ HHZ  _
JOS  0.50 99.7 Lg    10:14:49.659  1.2      T__      ___      ___      5548231  FDSN ZJ    -- BUD  iLoc  HHN ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
LANS 0.61 339.4 Lg    10:14:50.877 -0.3      T__      ___      ___      5548237  FDSN SK    -- BUD  iLoc  EHE ???  _
VYHS 0.64 262.4 Pg    10:14:43.951 -0.1      T__      10.6      ___ ML    0.9 5548236  FDSN SK    -- BUD  iLoc  HHE HHZ  _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
PSZ  0.67 174.2 Pn    10:14:48.141  2.7      T__      39.9      ___ ML    1.5 5548234  FDSN GE    -- BUD  iLoc  HHN HHZ  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.67 133.1 Pg    10:14:42.137 -2.7      ___      22.0      ___ ML    1.2 5548232  FDSN ZJ    00 BUD  iLoc  HHZ HHZ  _
HU02A 0.67 133.1 Lg    10:14:53.131 -1.5      T__      ___      ___      5548233  FDSN ZJ    00 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
2020/08/19 10:38:19.03  1.30  1.42 47.5958  18.3048  21.8  5.1  98  0.0f  7  5 174  0.07  1.12  sx BUD  16001882  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	
HU09A	0.07	50.8	Pg	10:38:20.799	-0.2					T__		1707.9		---	ML	1.7	5548261	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.07	50.8	Lg	10:38:23.350	0.4					T__				---			5548262	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
SRD	0.22	1.5	Lg	10:38:28.097	0.0					T__				---			5548267	FDSN	SK	--	BUD	iLoc	EHE	???	_
CSKK	0.23	187.4	Lg	10:38:28.991	0.2					T__				---			5548263	FDSN	HU	--	BUD	iLoc	HHE	???	_
VYHS	0.97	21.4	Pg	10:38:38.765	0.1					T__		15.3		---	ML	1.2	5548265	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	21.4	Lg	10:38:52.898	0.1					T__				---			5548264	FDSN	SK	--	BUD	iLoc	HHZ	???	_
PSZ	1.12	72.7	Sn	10:38:55.940	-2.8					T__				---			5548266	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
2020/08/19	16:08:04.72	1.02	1.62	47.4799	19.6697	16.1	4.1	105	0.0f		7	6	152	0.14	1.17	sx	BUD	16001884	BUD			289

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.5	3 BUD	16001884

Sta	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	0.14	194.0	Pg	16:08:08.773	0.4					T__		121.5		---	ML	0.8	5548294	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1)																					
HU03A	0.43	353.7	Lg	16:08:19.868	-0.9					T__				---			5548292	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.46	19.0	Pg	16:08:16.176	1.2					T__		108.4		---	ML	1.6	5548288	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.46	19.0	Lg	16:08:20.089	-2.5					T__				---			5548289	FDSN	GE	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																					
HU02A	0.86	41.6	Lg	16:08:35.593	-0.6					T__				---			5548290	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
VYHS	1.16	331.4	Pn	16:08:28.452	1.1					T__		9.9		---	ML	1.1	5548293	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1)																					
JDS	1.17	29.6	Sn	16:08:44.693	-0.1					T__				---			5548291	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
2020/08/19	22:00:15.43	3.36	0.16	47.4324	18.2741	18.9	5.4	37	4.0f		8	4	303	0.04	0.14	ke	BUD	16001886	BUD			349

Magnitude	Err	Nsta	Author	OrigID
ML	0.3	0.4	4 BUD	16001886

Sta	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	194.6	Pg	22:00:16.739	-0.1					T__		138.7		_d	ML	0.6	5548323	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.04	194.6	Lg	22:00:17.996	-0.2					T__				---			5548324	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1)																					
CSKK	0.07	187.6	Pg	22:00:17.382	0.1					T__		139.6		---	ML	0.6	5548321	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	187.6	Lg	22:00:19.319	0.2					T__				---			5548322	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1)																					
MSW3	0.11	243.9	Pg	22:00:18.015	-0.0					T__		29.6		---	ML	0.1	5548326	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.11	243.9	Lg	22:00:20.427	0.1					T__				---			5548325	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 0.1 magdef=1)																					

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(Station ML: 0.1 magdef=1
MSW2 0.14 198.3 Pg 22:00:18.462 -0.1 T__ 21.2 ___ ML 0.0 5548320 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.14 198.3 Lg 22:00:21.256 -0.0 T__ ___ 5548319 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.0 magdef=1
(Station ML: 0.0 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
2020/08/20	03:53:21.83	0.82	1.00	48.5333	17.5354	3.3	3.1	107	3.1	19.2	18	10	76	0.23	1.27	ke	BUD	16001888	BUD		131	

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Magnitude Err Nsta Author OrigID
ML 1.4 0.3 7 BUD 16001888

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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	0.23	227.2	Pg	03:53:26.560	-0.3					T__						5548366	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.23	227.2	Lg	03:53:29.782	-1.1					T__						5548367	FDSN	SK	--	BUD	iLoc	HHE	???	_		
A337A	0.34	149.5	Pg	03:53:29.426	0.7					T__	247.1			___	ML	1.6	5548368	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A337A	0.34	149.5	Lg	03:53:34.906	0.8					T__				___		5548369	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
JAVC	0.34	15.3	Pg	03:53:28.766	-0.2					T__		84.5		___	ML	1.2	5548370	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
JAVC	0.34	15.3	Lg	03:53:34.767	0.3					T__				___		5548371	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
VYHS	0.87	92.1	Pg	03:53:38.630	-0.6					T__		14.2		___	ML	1.1	5548374	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.87	92.1	Lg	03:53:50.595	-1.1					T__				___		5548375	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
KRUC	0.92	305.5	Pg	03:53:40.236	0.8					T__		26.6		___	ML	1.4	5548372	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
KRUC	0.92	305.5	Lg	03:53:53.008	0.2					T__				___		5548373	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
VRAC	0.99	321.7	Pn	03:53:42.786	0.9					T__		9.3		___	ML	1.0	5548376	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
VRAC	0.99	321.7	Lg	03:53:55.410	0.4					T__				___		5548377	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=0)																										
HU09A	1.06	147.3	Sn	03:53:56.182	-2.7					T__				___		5548378	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
HU08A	1.13	166.5	Sn	03:53:59.541	-1.0					T__				___		5548379	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_		
MORC	1.24	0.2	Pn	03:53:45.315	-0.2					T__		25.1		___	ML	1.6	5548382	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
MORC	1.24	0.2	Lg	03:54:02.332	0.2					T__				___		5548383	FDSN	CZ	--	BUD	iLoc	HHZ	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
CONA	1.27	242.2	Pn	03:53:46.070	0.0					T__		31.2		___	ML	1.7	5548380	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	1.27	242.2	Lg	03:54:03.349	0.1					T__				___		5548381	FDSN	OE	--	BUD	iLoc	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
2020/08/20	07:51:46.99	2.22	0.50	48.5937	20.7367	15.9	5.1	179	0.0f		8	5	254	0.16	0.88	sx	BUD	16001890	BUD		320	

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Magnitude Err Nsta Author OrigID

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ML 1.0 0.3 4 BUD 16001890

Sta	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	233.3	Pg	07:51:50.220	-0.3					T__		83.0		___	ML	0.7 5548416	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	233.3	Lg	07:51:53.810	0.6					T__				---		5548417	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
KECS	0.20	236.6	Pg	07:51:50.970	-0.2					T__		309.2		___	ML	1.3 5548422	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	236.6	Lg	07:51:54.975	0.5					T__				---		5548421	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
ABAH	0.45	131.5	Pg	07:51:56.124	-0.0					T__		29.5		___	ML	1.0 5548423	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
HU02A	0.49	196.7	Pg	07:51:57.453	0.1					T__		21.3		___	ML	1.0 5548418	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	196.7	Lg	07:52:04.633	-0.7					T__				---		5548419	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
PSZ	0.88	220.1	Lg	07:52:19.019	0.3					T__				---		5548420	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
2020/08/20	08:18:47.16	1.01	1.24	48.9775	21.2227	6.0	5.4	8	10.0f		9	8	146	0.66	1.65	sx	BUD	16001892	BUD			232

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 7 BUD 16001892

Sta	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	0.66	223.4	Pg	08:18:59.693	-0.6					T__		73.8		___	ML	1.7 5548454	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
ABAH	0.68	179.0	Pg	08:19:00.613	0.0					T__		86.9		___	ML	1.8 5548455	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
KOLS	0.69	93.3	Pg	08:19:00.152	-0.3					T__		18145.7		___	ML	4.1 5548457	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.1 magdef=1)																								
(Station ML: 4.1 magdef=0)																								
KECS	0.69	224.9	Lg	08:19:10.788	0.1					T__				---		5548460	FDSN	SK	--	BUD	iLoc	EHE	???	_
NIE	0.75	306.4	Pg	08:19:01.394	-0.0					T__		28.6		___	ML	1.4 5548458	FDSN	PL	--	BUD	iLoc	BHN	BHZ	_
NIE	0.75	306.4	Lg	08:19:11.282	-0.3					T__				---		5548459	FDSN	PL	--	BUD	iLoc	BHZ	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=0)																								
HU02A	0.97	208.7	Pn	08:19:05.958	-0.0					T__		64.2		___	ML	1.8 5548461	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
PSZ	1.38	220.3	Pn	08:19:14.118	2.3					T__		44.8		___	ML	1.9 5548456	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
VYHS	1.65	253.9	Pn	08:19:17.462	1.8					T__		14.7		___	ML	1.6 5548462	FDSN	SK	--	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
2020/08/20	13:34:32.54	1.11	1.26	48.9632	21.2664	8.0	4.5	158	0.0f		10	6	146	0.66	0.98	sx	BUD	16001894	BUD			235

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD	16001894

Sta	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	92.2	Pg	13:34:44.846	-0.5					T__		7795.1		___	ML	3.8	5548546	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.66	92.2	Lg	13:34:56.076	0.0					T__				---		5548550	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.8 magdef=1)																									
(Station ML: 3.8 magdef=0)																									
ABAH	0.67	181.5	Pg	13:34:47.383	1.5					T__		45.4		___	ML	1.5	5548544	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.67	181.5	Lg	13:34:56.089	-0.8					T__				---		5548545	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.67	226.1	Pg	13:34:44.377	-1.5					T__		45.3		___	ML	1.5	5548541	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	226.1	Lg	13:34:55.450	-0.5					T__				---		5548547	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.71	227.4	Pg	13:34:47.468	0.9					T__		90.0		___	ML	1.8	5548548	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.71	227.4	Lg	13:34:56.305	-0.8					T__				---		5548549	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	0.78	306.0	Lg	13:35:00.315	1.9					T__				---		5548542	FDSN	PL	--	BUD	iLoc	BHZ	???	_	
HU02A	0.98	210.6	Pg	13:34:51.820	-0.7					T__		29.3		___	ML	1.5	5548543	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(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
2020/08/21	07:46:07.24	4.09	1.43	45.5185	18.0327	56.0	29.3	89	15.0f		6	4	318	0.57	1.02	sx	BUD	16001896	BUD			340

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.6	4 BUD	16001896

Sta	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	0.57	4.7	Pg	07:46:18.130	-0.7					T__		32.0		___	ML	1.3	5548578	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.57	4.7	Lg	07:46:27.280	0.6					T__				---		5548579	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	0.82	31.3	Pn	07:46:23.160	0.4					T__		46.7		___	ML	1.6	5548580	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.82	31.3	Sn	07:46:35.229	0.3					T__				---		5548581	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A265A	0.92	349.7	Pn	07:46:25.495	1.1					T__		234.7		___	ML	2.4	5548583	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
A266A	1.02	9.0	Pn	07:46:27.668	2.0					T__		136.4		___	ML	2.2	5548582	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
2020/08/21	08:40:40.22	1.51	0.42	48.5488	20.7876	11.4	4.0	8	0.0f		12	7	200	0.17	1.30	sx	BUD	16001898	BUD			221

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	6 BUD	16001898

Sta	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	252.3	Pg	08:40:43.884	-0.0					T__		329.6		___	ML	1.3	5548616	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	252.3	Lg	08:40:47.329	0.5					T__				---		5548617	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
KECS	0.21	252.0	Pg	08:40:44.502	-0.2					T__		943.4		___	ML	1.9	5548618	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=0)																					
ABAH	0.39	129.9	Pg	08:40:48.454	0.1					T__		54.3		___	ML	1.1	5548619	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	129.9	Lg	08:40:54.792	-0.4					T__				---		5548620	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=0)																					
HU02A	0.46	202.4	Pg	08:40:50.041	0.0					T__		64.9		___	ML	1.4	5548622	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	202.4	Lg	08:40:57.691	0.2					T__				---		5548623	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
PSZ	0.87	223.8	Pn	08:40:58.049	-0.7					T__		50.1		___	ML	1.7	5548624	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	223.8	Lg	08:41:11.269	-0.3					T__				---		5548621	FDSN	GE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
TRPA	1.24	109.1	Pn	08:41:04.086	0.3					T__		37.8		___	ML	1.8	5548625	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.24	109.1	Sn	08:41:22.174	-0.4					T__				---		5548626	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
VYHS	1.30	268.3	Sn	08:41:23.786	-0.4					T__				---		5548627	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	
2020/08/21	10:05:14.87	1.37	0.72	47.6124	16.3841	8.5	4.6	73	0.1		3.2	12	9	73	0.14	1.17	sx	BUD	16001900	BUD			127

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.6	3 BUD	16001900

Sta	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	58.9	Pg	10:05:17.840	-0.1					T__		194.4		___	ML	1.0	5548661	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	58.9	Lg	10:05:20.562	0.3					T__				---		5548662	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
A260A	0.39	146.3	Lg	10:05:28.681	-0.1					T__				---		5548666	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CONA	0.47	312.1	Pg	10:05:24.034	-0.3					T__		97.3		___	ML	1.6	5548663	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.47	312.1	Lg	10:05:31.240	0.5					T__				---		5548664	FDSN	OE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
EGYH	0.67	106.6	Lg	10:05:38.763	0.1					T__				---		5548667	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ARSA	0.69	238.5	Lg	10:05:36.842	-0.0					T__				---		5548665	FDSN	OE	--	BUD	iLoc	HNN	???	_	
A005B	0.77	351.1	Lg	10:05:41.174	0.2					T__				---		5548668	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MODS	0.97	37.9	Lg	10:05:49.527	0.1					T__				---		5548669	FDSN	SK	--	BUD	iLoc	HNN	???	_	

```

HU08A  1.06 99.3 Pn      10:05:36.280  0.2      T__      85.8      ___ ML      2.0 5548670  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU08A  1.06 99.3 Sn      10:05:50.035 -1.7      T__      ___      ___      5548671  FDSN ZJ      00 BUD  iLoc  HHE ???  _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOGS   1.17 184.5 Lg     10:05:53.347  0.8      T__      ___      ___      5548672  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
2020/08/21 10:06:48.13  0.93  0.66 48.4408  19.5655  6.0  3.6  21  0.0f  9  5 119  0.49  0.72  sx BUD  16001902  BUD  197

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```

Magnitude Err Nsta Author      OrigID
ML      1.4 0.2  4 BUD  16001902

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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  0.49 276.5 Pg      10:06:58.395  0.2      T__      25.5      ___ ML      1.1 5548700  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
VYHS  0.49 276.5 Lg     10:07:04.812 -0.7      T__      ___      ___      5548701  FDSN SK      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ   0.57 157.0 Pg     10:07:00.789  0.4      T__      43.0      ___ ML      1.4 5548703  FDSN GE      -- BUD  iLoc  HHZ HHZ  _
PSZ   0.57 157.0 Lg     10:07:09.165 -0.1      T__      ___      ___      5548702  FDSN GE      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS   0.65 84.8 Pg      10:07:01.453  0.3      T__      31.7      ___ ML      1.4 5548698  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS   0.65 84.8 Lg     10:07:10.454 -0.5      T__      ___      ___      5548699  FDSN ZJ      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
LANS  0.71 354.8 Lg     10:07:11.964  0.0      T__      47.3      ___ ML      1.6 5548705  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU02A 0.72 116.1 Pg     10:07:03.427  0.4      T__      ___      ___      5548706  FDSN ZJ      00 BUD  iLoc  HHN ???  _
HU02A 0.72 116.1 Lg     10:07:13.040 -1.2      T__      ___      ___      5548706  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
2020/08/21 10:32:11.86  0.98  1.46 47.5554  16.3558  6.8  4.5 165  0.0f  9  5 126  0.19  1.07  sx BUD  16001904  BUD  203

```

```

Magnitude Err Nsta Author      OrigID
ML      1.6 0.3  4 BUD  16001904

```

```

Sta  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   0.19 46.9 Pg      10:32:15.587 -0.4      T__      138.0     ___ ML      1.0 5548734  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
SOP   0.19 46.9 Lg     10:32:18.348 -0.6      T__      ___      ___      5548735  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CONA  0.50 318.4 Pg     10:32:21.952  0.1      T__      61.0      ___ ML      1.5 5548736  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
CONA  0.50 318.4 Lg     10:32:29.395  0.8      T__      ___      ___      5548737  FDSN OE      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ARSA  0.64 242.0 Pg     10:32:22.188 -2.1      T__      63.1      ___ ML      1.7 5548738  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
ARSA  0.64 242.0 Lg     10:32:34.300  1.9      T__      ___      ___      5548739  FDSN OE      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

MPLH 0.89 115.2 Lg 10:32:44.762 1.8 T__
HU08A 1.07 96.1 Pn 10:32:33.825 0.6 T__ 69.0 --- ML 1.9 5548741 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 1.07 96.1 Sn 10:32:49.158 0.1 T__ --- 5548742 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
2020/08/21 10:37:57.27 0.93 1.18 48.4759 17.3981 7.6 3.2 136 0.0f 8 4 142 0.13 1.16 sx BUD 16001906 BUD 205

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.4 3 BUD 16001906

```

```

Sta 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 0.13 218.2 Pg 10:37:59.991 -0.5 T__ 5548768 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.13 218.2 Lg 10:38:02.608 -0.7 T__ 5548769 FDSN SK -- BUD iLoc HHZ ??? _
JAVC 0.42 25.1 Pg 10:38:06.119 -0.2 T__ 112.1 --- ML 1.5 5548770 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.42 25.1 Lg 10:38:12.483 -0.8 T__ --- 5548771 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.96 88.4 Pg 10:38:16.781 0.2 T__ 16.9 --- ML 1.3 5548774 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.96 88.4 Lg 10:38:30.812 0.4 T__ --- 5548775 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CONA 1.16 242.5 Pg 10:38:20.375 0.2 T__ 53.9 --- ML 1.9 5548772 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.16 242.5 Lg 10:38:37.575 2.3 T__ --- 5548773 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
2020/08/21 14:09:02.50 1.75 0.60 47.3519 18.3124 11.4 4.0 113 5.1 8.6 9 5 224 0.04 0.29 ke BUD 16001908 BUD 275

```

```

Magnitude Err Nsta Author OrigID
ML 0.8 0.3 4 BUD 16001908

```

```

Sta 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 0.04 287.7 Pg 14:09:04.284 0.3 T__ 344.2 _c_ ML 0.9 5548824 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.04 287.7 Lg 14:09:04.955 -0.4 T__ --- 5548823 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW1 0.05 318.6 Pg 14:09:04.685 0.5 T__ 378.9 _c_ ML 1.0 5548821 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.05 318.6 Lg 14:09:05.514 -0.3 T__ --- 5548822 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW2 0.08 234.3 Pg 14:09:04.992 0.3 T__ 107.6 _d_ ML 0.6 5548828 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.08 234.3 Lg 14:09:06.408 -0.3 T__ --- 5548827 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
MSW3 0.13 283.9 Pg 14:09:05.923 0.4 T__ 44.0 --- ML 0.3 5548825 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.13 283.9 Lg 14:09:07.525 -0.6 T__ --- 5548826 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1

```

(Station ML: 0.3 magdef=1
 HU09A 0.29 9.4 Lg 14:09:12.853 -0.7 T__ --- 5548829 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
 2020/08/22 02:53:58.11 0.93 0.69 47.9208 16.3640 6.4 3.7 26 11.8 5.9 18 11 120 0.05 2.21 ke BUD 16001910 BUD 218

Magnitude Err Nsta Author OrigID
 ML 1.4 0.1 5 BUD 16001910

Sta	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	0.05	27.6	Pg	02:54:00.467	-0.0					T__		914.9		---	ML	1.4	5548864	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.05	27.6	Lg	02:54:02.614	0.4					T__				---		5548865	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
SOP	0.27	151.1	Pg	02:54:04.114	0.1					T__		69.1		---	ML	0.9	5548860	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.27	151.1	Lg	02:54:07.448	-0.6					T__				---		5548861	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1)																									
CONA	0.34	271.5	Pg	02:54:04.986	-0.3					T__		36.6		---	ML	0.8	5548862	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.34	271.5	Lg	02:54:10.206	0.0					T__				---		5548863	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=0)																									
A008A	0.65	313.5	Pg	02:54:11.066	0.3					T__		39.9		---	ML	1.5	5548868	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.65	313.5	Lg	02:54:20.074	0.2					T__				---		5548869	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
A013A	0.66	282.9	Pg	02:54:10.999	-0.0					T__		59.8		---	ML	1.6	5548866	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.66	282.9	Lg	02:54:20.643	1.0					T__				---		5548867	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0)																									
MODS	0.76	53.1	Lg	02:54:24.874	-0.1					T__				---		5548870	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.14	1.0	Pn	02:54:19.800	0.5					T__				---		51729399	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.14	1.0	Sn	02:54:35.100	0.1					T__				---		51729400	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.40	6.2	Pn	02:54:23.800	0.9					T__				---		51731980	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.40	6.2	Sn	02:54:42.000	0.7					T__				---		51731981	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	1.64	304.1	Lg	02:54:49.800	-1.0					T__				---		20926313	FDSN	IR	--	ISC	iLoc	???	???	_	
ZVC	2.09	317.4	Lg	02:55:03.300	-1.2					T__				---		20926315	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	2.21	304.2	Lg	02:55:07.900	-1.0					T__				---		20926314	FDSN	IR	--	ISC	iLoc	???	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2020/08/23 03:55:48.69 1.23 1.32 45.9710 17.1955 9.3 4.4 5 5.6 17.0 17 10 101 0.20 1.22 ke BUD 16001912 BUD 184

Magnitude Err Nsta Author OrigID
 ML 1.8 0.3 8 BUD 16001912

Sta	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	19.1	Pg	03:55:52.514	-0.6					T__		535.5		---	ML	1.6	5548937	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.20	19.1	Lg	03:55:56.091	-0.0					T__				---		5548938	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0)																									

BEHE	0.58	329.9	Pg	03:56:01.604	1.2	T__	255.3	---	ML	2.2	5548945	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.58	329.9	Sn	03:56:11.032	-2.3	T__		---			5548946	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A265A	0.62	42.4	Pg	03:56:00.466	-0.6	T__	165.1	---	ML	2.1	5548941	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.62	42.4	Sn	03:56:12.131	-1.0	T__		---			5548942	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
KOVH	0.64	79.1	Pg	03:56:01.817	0.2	T__	64.7	---	ML	1.7	5548947	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.64	79.1	Lg	03:56:12.212	1.8	T__		---			5548948	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
A263A	0.68	7.0	Pg	03:56:02.376	0.2	T__	290.0	---	ML	2.3	5548943	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.68	7.0	Lg	03:56:10.631	-0.8	T__		---			5548944	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
KOGS	0.81	306.4	Pg	03:56:04.372	-0.2	T__	90.3	---	ML	1.9	5548939	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.81	306.4	Lg	03:56:15.181	0.1	T__		---			5548940	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
PTJ	0.86	266.2	Lg	03:56:16.150	-1.6	T__		---			5548949	FDSN	CR	--	BUD	iLoc	BHE	???	_
MORH	1.04	75.9	Pn	03:56:07.516	-0.9	T__	32.6	---	ML	1.6	5548950	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.04	75.9	Lg	03:56:23.586	0.8	T__		---			5548951	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
BLY	1.22	180.4	Sn	03:56:30.755	2.5	T__		---			5548952	FDSN	MN	--	BUD	iLoc	HHN	???	_
CRES	1.22	263.8	Pg	03:56:11.754	0.1	T__	34.6	---	ML	1.7	5548953	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(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
2020/08/23	04:37:04.41	0.77	0.95	47.7631	16.1926	3.7	3.2	55	5.5	8.6	47	27	78	0.24	2.59	ke	BUD	16001914	BUD		121	

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.2	25 BUD	16001914

Sta	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	0.24	34.4	Pg	04:37:10.001	0.6					T__		1352.9		---	ML	2.1	5549040	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.24	34.4	Lg	04:37:15.005	2.1					T__				---		5549041	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
SOP	0.26	107.8	Pg	04:37:09.692	-0.1					T__		1245.4		---	ML	2.1	5549042	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	107.8	Lg	04:37:13.085	-0.4					T__				---		5549043	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
CONA	0.28	306.7	Pg	04:37:09.738	-0.5					T__		535.9		---	ML	1.8	5549044	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
A260A	0.59	143.9	Pg	04:37:16.464	0.2					T__		627.3		---	ML	2.6	5549047	FDSN	Z3	00	BUD	iLoc	HHE	HHZ	_
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
A013A	0.61	299.9	Pg	04:37:16.099	-0.1					T__		571.5		---	ML	2.6	5549050	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A013A	0.61	299.9	Lg	04:37:24.305	0.2	T__			5549051	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
A005B	0.61	0.8	Pg	04:37:16.820	0.5	T__	883.7	---	ML	2.8	5549045	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.61	0.8	Lg	04:37:25.325	0.4	T__		---			5549046	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
ARSA	0.68	221.8	Pg	04:37:16.733	-1.0	T__	289.0	---	ML	2.3	5549048	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	221.8	Lg	04:37:26.067	-0.3	T__		---			5549049	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
EGYH	0.85	113.8	Pg	04:37:21.276	0.1	T__	360.6	---	ML	2.5	5549052	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.85	113.8	Lg	04:37:32.776	-0.5	T__		---			5549053	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=0)																			
A262A	0.93	165.7	Pn	04:37:23.433	0.2	T__	236.2	---	ML	2.4	5549055	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.93	165.7	Lg	04:37:35.031	0.3	T__		---			5549054	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
MODS	0.95	49.6	Lg	04:37:36.692	-0.9	T__		---			5549057	FDSN	SK	--	BUD	iLoc	HHN	???	_
A261A	1.04	141.0	Pg	04:37:24.912	0.1	T__	156.6	---	ML	2.3	5549056	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
MPLH	1.09	122.5	Pn	04:37:24.939	-0.5	T__	115.3	---	ML	2.2	5549058	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.09	122.5	Sn	04:37:40.141	-0.8	T__		---			5549059	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
HU08A	1.22	105.2	Pg	04:37:28.832	0.6	T__	159.5	---	ML	2.4	5549060	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.22	105.2	Sn	04:37:43.455	-0.7	T__		---			5549061	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
KRUC	1.31	5.9	Pn	04:37:27.943	-0.7	T__	113.0	---	ML	2.3	5549064	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.31	5.9	Sn	04:37:45.117	-1.3	T__		---			5549065	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
KOGS	1.32	178.3	Pg	04:37:30.799	1.1	T__	134.6	---	ML	2.4	5549062	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.32	178.3	Lg	04:37:48.131	1.4	T__		---			5549063	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
JAVC	1.48	41.4	Pn	04:37:32.547	1.3	T__	76.7	---	ML	2.2	5549068	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.48	41.4	Sn	04:37:52.397	0.8	T__		---			5549069	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
HU09A	1.48	94.0	Pn	04:37:30.274	-0.5	T__	85.8	---	ML	2.3	5549066	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	1.48	94.0	Lg	04:37:52.925	-1.4	T__		---			5549067	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
VRAC	1.57	9.6	Pn	04:37:31.929	-0.4	T__	16.5	---	ML	1.6	5549070	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.57	9.6	Sn	04:37:52.102	-0.8	T__		---			5549071	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
TREC	1.60	343.3	Pn	04:37:33.435	0.5	T__	134.2	---	ML	2.5	5549074	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.60	343.3	Sn	04:37:54.357	0.9	T__		---			5549075	FDSN	CZ	--	BUD	iLoc	HHZ	???	_

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(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
CKRC 1.64 310.8 Pg 04:37:35.174 -0.3 T__ 199.7 ___ ML 2.7 5549073 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.64 310.8 Sn 04:37:55.162 0.1 T__ ___ 5549072 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
VYHS 1.92 66.6 Pn 04:37:36.232 -0.8 T__ 17.7 ___ ML 1.8 5549076 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.92 66.6 Pg 04:37:40.335 -1.7 T__ ___ 5549077 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
KOVH 2.13 141.3 Pn 04:37:39.091 -0.4 T__ 32.3 ___ ML 2.2 5549078 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
ZVC 2.14 322.4 Pn 04:37:41.800 1.6 T__ ___e 20926555 FDSN IR -- ISC iLoc ??? ??? _
MORC 2.20 23.4 Pn 04:37:42.784 1.5 T__ 45.7 ___ ML 2.4 5549080 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 2.20 23.4 Sn 04:38:07.800 -1.4 T__ ___e 51730851 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KHC 2.21 309.2 Pn 04:37:43.000 1.7 T__ ___e 20926552 FDSN IR -- ISC iLoc ??? ??? _
KHC 2.21 309.2 Sn 04:38:08.500 -0.7 T__ ___e 20926553 FDSN IR -- ISC iLoc ??? ??? _
KHC 2.21 309.2 Lg 04:38:13.900 -1.5 T__ 8.4 0.40 ___e ML 1.7 20926554 FDSN IR -- ISC iLoc ??? ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
MORH 2.28 131.8 Pn 04:37:41.317 -0.2 T__ 21.9 ___ ML 2.1 5549079 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
DPC 2.59 1.8 Lg 04:38:26.100 -1.2 T__ 4.9 0.40 ___e ML 1.6 20926551 FDSN IR -- ISC iLoc ??? ??? _
(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
2020/08/24 08:00:44.88 3.55 0.60 48.6237 20.7121 21.9 19.2 60 14.2 16.9 8 4 326 0.17 0.89 sx BUD 16001916 BUD 351

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Magnitude Err Nsta Author OrigID
ML 1.2 0.2 4 BUD 16001916

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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 0.17 221.9 Pg 08:00:49.088 -0.1 T__ 104.0 ___ ML 0.8 5549180 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 221.9 Lg 08:00:52.902 0.5 T__ ___ 5549181 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
KECS 0.21 227.0 Pg 08:00:49.591 -0.2 T__ 265.8 ___ ML 1.3 5549178 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.21 227.0 Lg 08:00:53.536 0.1 T__ ___ 5549179 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.52 194.0 Pg 08:00:55.930 0.1 T__ 27.0 ___ ML 1.2 5549182 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.52 194.0 Lg 08:01:03.327 -0.4 T__ ___ 5549183 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.89 218.0 Pn 08:01:03.123 1.0 T__ 31.8 ___ ML 1.5 5549184 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.89 218.0 Lg 08:01:16.266 -0.1 T__ ___ 5549185 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1

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(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
2020/08/24	08:37:22.28	1.31	1.52	48.3220	17.8437	9.1	5.0	160	10.0f		6	4	179	0.38	1.39	sx	BUD	16001918	BUD		266	

Magnitude Err Nsta Author OrigID

Sta	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	0.38	278.0	Pg	08:37:30.854	0.5					T__						5549208	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.38	278.0	Lg	08:37:35.667	-0.8					T__						5549209	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.55	348.0	Pg	08:37:34.418	0.7					T__		70.1		---	ML	1.7	5549207	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.55	348.0	Lg	08:37:41.309	-1.0					T__				---		5549212	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
VYHS	0.68	75.0	Lg	08:37:45.527	-0.7					T__				---		5549210	FDSN	SK	--	BUD	iLoc	HHE	???	_	
CONA	1.39	254.2	Sn	08:38:03.800	-2.0					T__				---		5549211	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
2020/08/24	08:56:40.07	0.82	1.40	47.7090	18.5252	5.3	2.6	155	0.0f		22	13	100	0.12	1.56	sx	BUD	16001920	BUD		154	

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 10 BUD 16001920

Sta	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	233.9	Pg	08:56:42.598	-0.4					T__		3206.4		---	ML	2.1	5549258	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.12	233.9	Lg	08:56:44.955	-0.7					T__				---		5549259	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1																									
SRO	0.18	306.2	Pg	08:56:44.136	0.0					T__		3739.1		---	ML	2.4	5549260	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.18	306.2	Lg	08:56:47.595	-0.0					T__				---		5549261	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0																									
HU10A	0.36	67.6	Pg	08:56:47.850	0.1					T__		220.1		---	ML	1.6	5549263	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.36	67.6	Lg	08:56:54.360	0.4					T__				---		5549264	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0																									
HU08A	0.49	235.9	Lg	08:56:55.802	-2.6					T__				---		5549262	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU03A	0.75	74.5	Pg	08:56:55.041	-0.8					T__		54.5		---	ML	1.7	5549268	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1																									
VYHS	0.81	14.7	Pg	08:56:58.152	1.5					T__		14.1		---	ML	1.1	5549253	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.81	14.7	Lg	08:57:08.304	-0.3					T__				---		5549269	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0																									
MPLH	0.86	231.5	Pg	08:56:58.623	1.3					T__		64.3		---	ML	1.8	5549265	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.86	231.5	Lg	08:57:11.452	1.4					T__				---		5549266	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1																									
EGYH	0.86	250.6	Pg	08:56:59.133	1.7					T__		210.3		---	ML	2.3	5549267	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0																									
PSZ	0.95	76.7	Pn	08:56:59.986	0.2					T__		82.2		---	ML	1.9	5549256	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

PSZ	0.95	76.7	Lg	08:57:13.294	-1.1	T__	---	5549257	FDSN	GE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
MODS	1.07	308.9	Pn	08:57:01.154	-0.4	T__	---	5549270	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
MODS	1.07	308.9	Lg	08:57:15.921	-2.2	T__	---	5549271	FDSN	SK	--	BUD	iLoc	HHN	???	_			
HU02A	1.41	72.2	Pn	08:57:07.771	1.7	T__	28.2	---	ML	1.7	5549254	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_
HU02A	1.41	72.2	Sn	08:57:28.720	2.2	T__	---	5549255	FDSN	ZJ	00	BUD	iLoc	HHE	???	_			
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
MORH	1.50	176.9	Pn	08:57:07.117	0.2	T__	29.7	---	ML	1.8	5549272	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.50	176.9	Sn	08:57:25.908	-2.3	T__	---	5549273	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
JOS	1.56	59.0	Sn	08:57:30.624	0.6	T__	---	5549274	FDSN	ZJ	--	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
2020/08/24	10:11:43.79	0.57	0.99	48.0110	19.6586	9.0	3.6	155	0.0	0.0	8	0	185	0.11	1.10	kx	BUD	16001922	BUD			
2020/08/24	10:11:41.80	0.95	1.04	48.0061	19.6278f				0.0f		8	5	185	0.10	1.12	kx	BUD_GT	16001923	BUD			243
(locality : Nagylóc Hungary)																						
(description : known quarry blast)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	3 BUD	16001923

Sta	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	10:11:45.499	1.1					T__		901.3		---	ML	1.5	5549327	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	10:11:48.077	1.5					T__				---		5549328	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	0.20	116.0	Pg	10:11:46.025	-0.6					T__	462.9			---	ML	1.5	5549329	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	10:11:48.945	-1.5					T__				---		5549330	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU10A	0.44	248.8	Lg	10:11:58.457	0.0					T__				---		5549331	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.61	78.7	Pg	10:11:53.925	-0.8					T__	64.2			---	ML	1.6	5549332	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.61	78.7	Lg	10:12:03.636	-0.9					T__				---		5549333	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	1.12	74.4	Sn	10:12:20.266	-0.4					T__				---		5549334	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
2020/08/24	13:14:53.35	1.17	0.53	47.6611	20.2446	12.8	6.6	154	0.0	0.0	9	0	289	0.35	1.26	kx	BUD	16001924	BUD			
2020/08/24	13:14:55.26	0.98	1.41	47.8650	20.1529f				0.0f		9	5	243	0.18	1.08	kx	BUD_GT	16001925	BUD			265
(locality : Kislána Hungary)																						
(description : known quarry blast)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID

ML 1.5 0.3 5 BUD 16001925

Sta	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	13:15:00.413	0.7					T__		696.5		---	ML	1.6	5066750	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	13:15:03.539	0.2					T__				---		5066751	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.36	44.0	Pg	13:15:02.849	-0.2					T__		85.8		---	ML	1.2	5066752	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	13:15:08.977	-0.3					T__				---		5066753	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.66	19.7	Pn	13:15:09.113	-1.5					T__		82.4		---	ML	1.8	5066756	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.66	19.7	Sn	13:15:20.724	-2.3					T__				---		5066757	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
JOS	0.68	22.1	Pn	13:15:08.977	-1.9					T__		38.6		---	ML	1.5	5066754	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Sn	13:15:21.601	-2.0					T__				---		5066755	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VVHS	1.08	306.0	Pg	13:15:17.655	0.5					T__		12.8		---	ML	1.2	5066758	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_
(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
2020/08/25	00:48:53.63	2.63	0.20	47.0242	18.4696	46.3	15.0	64	1.0f		6	3	348	0.33	0.40	ke	BUD	16001926	BUD			358

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.0	3 BUD	16001926

Sta	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	0.33	327.7	Pn	00:49:05.502	-0.2					T__		94.6		---	ML	1.2	5549423	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.33	327.7	Lg	00:49:06.117	0.1					T__				---		5549422	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CSKK	0.37	337.3	Pn	00:49:06.455	0.2					T__		64.7		---	ML	1.1	5549424	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.37	337.3	Lg	00:49:07.271	-0.1					T__				---		5549421	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MSW1	0.40	338.8	Pn	00:49:06.545	-0.1					T__		50.2		---	ML	1.1	5549419	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.40	338.8	Lg	00:49:08.296	-0.0					T__				---		5549420	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(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
2020/08/25	08:30:24.74	0.90	0.96	48.6742	18.6358	6.9	3.8	33	0.0f		12	6	129	0.22	1.37	sx	BUD	16001928	BUD			205

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	5 BUD	16001928

Sta	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	143.5	Pg	08:30:29.616	0.1	T__	167.1	---	ML	1.1	5549456	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.22	143.5	Lg	08:30:33.844	0.8	T__		---			5549457	FDSN	SK	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=0)																			
MODS	0.95	252.1	Pg	08:30:43.414	-0.6	T__		---			5549458	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.95	252.1	Lg	08:30:59.142	0.7	T__		---			5549459	FDSN	SK	--	BUD	iLoc	HHE	???	_
PSZ	1.13	131.5	Pn	08:30:49.356	2.2	T__	66.1	---	ML	1.9	5549460	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.13	131.5	Lg	08:31:03.979	-1.1	T__		---			5549461	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
JOS	1.28	97.3	Pn	08:30:48.786	-0.1	T__	46.6	---	ML	1.9	5549462	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.28	97.3	Lg	08:31:07.670	-0.4	T__		---			5549463	FDSN	ZJ	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
MORC	1.32	327.4	Pg	08:30:49.308	0.1	T__	74.3	---	ML	2.1	5549454	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.32	327.4	Lg	08:31:07.876	0.4	T__		---			5549455	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
HU02A	1.37	113.0	Pn	08:30:50.283	-0.1	T__	41.8	---	ML	1.9	5549464	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.37	113.0	Sn	08:31:09.982	-0.7	T__		---			5549465	FDSN	ZJ	00	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
2020/08/25	10:01:13.28	0.97	0.75	48.5512	20.7361	5.8	3.3	177	0.0f		16	9	122	0.14	1.27	ke	BUD	16001930	BUD		162	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	9 BUD	16001930

Sta	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	247.1	Pg	10:01:16.457	0.1					T__		591.0		---	ML	1.5	5549544	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	247.1	Lg	10:01:19.646	0.8					T__				---		5549545	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.18	247.9	Pg	10:01:16.909	-0.2					T__	1113.8		---	ML	1.8	5549557	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.18	247.9	Lg	10:01:21.104	1.0					T__			---			5549558	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.42	127.1	Pg	10:01:21.829	-0.1					T__	98.6		---	ML	1.5	5549546	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.42	127.1	Lg	10:01:28.115	-1.1					T__			---			5549547	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.45	198.2	Pg	10:01:22.657	-0.2					T__	56.7		---	ML	1.3	5549548	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.45	198.2	Lg	10:01:30.113	-0.1					T__			---			5549549	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
PSZ	0.85	221.9	Pg	10:01:30.166	-1.0					T__	63.3		---	ML	1.8	5549550	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.85	221.9	Lg	10:01:43.869	-0.1					T__			---			5549551	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
LANS	1.03	306.1	Pg	10:01:32.684	-0.9					T__	40.1		---	ML	1.7	5549559	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
(Reading ML: 1.7 magdef=1)																									

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(Station ML: 1.7 magdef=1
KOLS 1.09 68.8 Pg 10:01:34.269 0.3 T__ 8194.1 --- ML 4.0 5549552 FDSN SK -- BUD iLoc HHZ HHZ _
KOLS 1.09 68.8 Lg 10:01:50.338 -0.4 T__ --- 5549553 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 4.0 magdef=1
(Station ML: 4.0 magdef=0
VYHS 1.26 268.1 Pn 10:01:37.570 0.2 T__ 16.2 --- ML 1.4 5549555 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.26 268.1 Sn 10:01:55.677 -0.7 T__ --- 5549556 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
TRPA 1.27 108.6 Pg 10:01:39.056 1.2 T__ 57.0 --- ML 2.0 5549554 FDSN HU -- 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
2020/08/25	10:48:08.35	0.96	0.65	48.4436	19.5630	7.5	3.6	11	0.0f	9	5	168	0.49	0.72	sx	BUD	16001932	BUD		288

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Magnitude Err Nsta Author OrigID
ML 1.4 0.0 4 BUD 16001932

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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	0.49	276.2	Pg	10:48:18.602	0.3					T__		16.0		---	ML	0.9 5549600	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.49	276.2	Lg	10:48:25.052	-0.6					T__				---		5549601	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																								
PSZ	0.57	157.0	Pg	10:48:21.061	0.4					T__		43.3		---	ML	1.5 5549602	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.57	157.0	Lg	10:48:29.467	-0.1					T__				---		5549603	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																								
KECS	0.62	86.0	Lg	10:48:30.045	0.0					T__				---		5549604	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.65	85.0	Pg	10:48:21.669	0.3					T__		38.9		---	ML	1.5 5549598	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	85.0	Lg	10:48:31.006	-0.2					T__				---		5549599	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																								
HU02A	0.72	116.2	Pg	10:48:23.462	0.2					T__		34.2		---	ML	1.4 5549605	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	116.2	Lg	10:48:33.193	-1.3					T__				---		5549606	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
2020/08/25	11:02:39.57	0.89	0.95	48.2361	19.8815	4.3	3.4	113	0.0f	12	7	80	0.32	1.21	sx	BUD	16001934	BUD		133

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 5 BUD 16001934

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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	0.32	178.4	Pg	11:02:46.687	-0.1					T__		408.7		---	ML	1.8 5549639	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	178.4	Lg	11:02:51.632	-0.6					T__				---		5549640	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																								
HU03A	0.38	209.7	Pg	11:02:48.384	0.6					T__		198.3		---	ML	1.7 5549645	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU03A	0.38	209.7	Lg	11:02:54.440	0.6	T__	---	5549646	FDSN	ZJ	00	BUD	iLoc	HHE	???	_			
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
HU02A	0.45	104.6	Pg	11:02:48.857	-0.2	T__	128.4	---	ML	1.6	5549641	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	104.6	Lg	11:02:55.669	-0.8	T__	---	5549642	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
JOS	0.51	59.1	Pg	11:02:49.659	-0.2	T__	145.0	---	ML	1.9	5549643	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	59.1	Lg	11:02:58.693	1.0	T__	---	5549644	FDSN	ZJ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
VYHS	0.74	290.7	Lg	11:03:03.717	-1.9	T__	---	5549638	FDSN	SK	--	BUD	iLoc	HHN	???	_			
LANS	0.96	343.5	Pg	11:02:58.188	-0.3	T__	79.2	---	ML	1.9	5549647	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.96	343.5	Lg	11:03:12.575	1.2	T__	---	5549648	FDSN	SK	--	BUD	iLoc	EHE	???	_			
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
NIE	1.21	13.0	Lg	11:03:20.838	0.6	T__	---	5549649	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
2020/08/25	15:15:54.77	2.58	0.30	47.7093	18.5536	184.0	14.3	120	5.0f	6	3	357	0.37	0.47	ke	BUD	16001936	BUD			359	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	16001936

Sta	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	0.37	212.3	Pn	15:16:07.135	-0.0					T__		134.2		_d	ML	1.5	5549675	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW1	0.37	212.3	Lg	15:16:08.756	0.0					T__				---		5549676	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
CSKK	0.40	209.9	Pn	15:16:07.135	-0.4					T__		138.0		---	ML	1.5	5549677	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.40	209.9	Lg	15:16:09.511	-0.1					T__				---		5549679	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
MSW2	0.47	209.8	Pn	15:16:08.784	0.3					T__		44.8		---	ML	1.3	5549680	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW2	0.47	209.8	Lg	15:16:12.052	0.1					T__				---		5549678	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
2020/08/25	21:30:48.35	0.91	1.14	45.8854	16.0068	5.6	3.9	143	2.0f	17	10	68	0.03	1.47	ke	BUD	16001938	BUD			117	

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	8 BUD	16001938

Sta	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	308.6	Pg	21:30:49.144	-0.5					T__		4246.0		---	ML	2.0	5549718	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
PTJ	0.03	308.6	Lg	21:30:50.387	-0.4					T__				---		5549719	FDSN	CR	--	BUD	iLoc	BHN	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
ZAG	0.06	193.3	Pg	21:30:49.486	-0.3					T__		26921.8		---	ML	2.9	5549720	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	

ZAG	0.06	193.3	Lg	21:30:51.192	0.3	T__							5549721	FDSN	CR	--	BUD	iLoc	BHN	???	_
	(Reading ML: 2.9 magdef=1)																				
	(Station ML: 2.9 magdef=0)																				
CRES	0.39	261.4	Pg	21:30:56.008	0.1	T__	119.4														
CRES	0.39	261.4	Lg	21:31:02.294	0.6	T__															
	(Reading ML: 1.5 magdef=1)																				
	(Station ML: 1.5 magdef=0)																				
KOGS	0.59	16.6	Pg	21:30:59.373	-0.6	T__	203.9														
KOGS	0.59	16.6	Sn	21:31:10.932	-2.9	T__															
	(Reading ML: 2.1 magdef=1)																				
	(Station ML: 2.1 magdef=1)																				
BEHE	0.79	42.1	Pg	21:31:04.465	0.3	T__	267.6														
BEHE	0.79	42.1	Lg	21:31:16.760	2.2	T__															
	(Reading ML: 2.4 magdef=1)																				
	(Station ML: 2.4 magdef=1)																				
A264A	0.94	72.5	Pg	21:31:06.428	-0.5	T__	206.3														
A264A	0.94	72.5	Lg	21:31:18.947	-0.1	T__															
	(Reading ML: 2.3 magdef=1)																				
	(Station ML: 2.3 magdef=1)																				
OBKA	1.19	302.2	Pn	21:31:12.592	0.5	T__	74.4														
OBKA	1.19	302.2	Lg	21:31:27.372	0.6	T__															
	(Reading ML: 2.0 magdef=1)																				
	(Station ML: 2.0 magdef=1)																				
ARSA	1.41	346.4	Sn	21:31:34.053	0.8	T__															
BLY	1.41	143.4	Sn	21:31:32.555	-1.2	T__															
KOVH	1.47	81.3	Pg	21:31:15.924	-0.6	T__	36.8														
	(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
2020/08/26	07:29:55.39	1.21	1.23	46.8860	17.3395	7.4	5.0	166	0.0f		10	8	150	0.15	1.45	sx	BUD	16001942	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	
A261A	0.15	296.8	Pg	07:29:58.081	-0.9					T__		8214.9			ML	2.6	5549846	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.15	296.8	Lg	07:30:03.762	1.9					T__						5549845	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
MPLH	0.32	25.6	Pg	07:30:01.579	-0.7					T__	241.2				ML	1.6	5549847	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.32	25.6	Lg	07:30:08.260	0.5					T__						5549848	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.53	359.4	Lg	07:30:15.689	0.8					T__						5549849	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU08A	0.68	35.9	Lg	07:30:20.277	0.0					T__						5549850	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.79	52.5	Lg	07:30:25.948	1.4					T__						5549851	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	0.96	146.4	Lg	07:30:28.738	0.9					T__						5549852	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.12	126.2	Sn	07:30:34.506	0.7					T__						5549853	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CONA	1.45	316.6	Sn	07:30:43.220	1.1					T__						5549854	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	
2020/08/26	07:44:33.40	0.84	0.91	46.3069	17.0829	5.3	3.3	167	6.7		9.1	25	14	65	0.21	1.56	ke	BUD	16001944	BUD			107

Magnitude Err Nsta Author OrigID

ML 2.0 0.1 10 BUD 16001944

Sta	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	135.6	Pg	07:44:38.153	0.2					T__		645.9		___	ML	1.7	5549948	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A264A	0.21	135.6	Lg	07:44:42.604	1.5					T__				___		5549949	FDSN	Z3	00	BUD	iLoc	HNN	???	_		
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																										
BEHE	0.27	307.6	Pg	07:44:38.481	-0.7					T__		1088.7		___	ML	2.1	5549946	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BEHE	0.27	307.6	Lg	07:44:42.959	-0.1					T__				___		5549947	FDSN	HU	--	BUD	iLoc	HNN	???	_		
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																										
A263A	0.37	25.6	Pg	07:44:40.677	-0.4					T__		642.1		___	ML	2.1	5549950	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A263A	0.37	25.6	Lg	07:44:46.378	0.0					T__				___		5549951	FDSN	Z3	00	BUD	iLoc	HHZ	???	_		
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																										
A265A	0.51	76.3	Pg	07:44:43.500	-0.2					T__		482.1		___	ML	2.4	5549952	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A265A	0.51	76.3	Lg	07:44:51.653	0.9					T__				___		5549953	FDSN	Z3	00	BUD	iLoc	HNN	???	_		
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0)																										
KOGS	0.59	284.1	Pg	07:44:45.725	0.6					T__		171.3		___	ML	2.1	5549954	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	0.59	284.1	Lg	07:44:52.373	-0.5					T__				___		5549969	FDSN	SL	--	BUD	iLoc	BHE	???	_		
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																										
KOVH	0.74	106.8	Pg	07:44:47.711	-0.5					T__		116.3		___	ML	2.0	5549955	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.74	106.8	Lg	07:44:57.900	-0.2					T__				___		5549956	FDSN	HU	--	BUD	iLoc	HNN	???	_		
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																										
A266A	0.85	74.6	Lg	07:45:03.071	1.4					T__				___		5549957	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
PTJ	0.87	243.1	Pg	07:44:50.500	-0.0					T__		146.6		___	ML	2.2	5549958	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
PTJ	0.87	243.1	Lg	07:45:02.250	-0.7					T__				___		5549959	FDSN	CR	--	BUD	iLoc	BHN	???	_		
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																										
MPLH	0.92	19.8	Pg	07:44:51.473	-0.1					T__		82.9		___	ML	1.9	5549960	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	0.92	19.8	Lg	07:45:04.696	-0.0					T__				___		5549961	FDSN	HU	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																										
MORH	1.09	94.3	Pn	07:44:52.829	-0.8					T__		47.6		___	ML	1.8	5549962	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	1.09	94.3	Lg	07:45:07.708	-1.3					T__				___		5549963	FDSN	HU	--	BUD	iLoc	HHE	???	_		
MORH	1.09	94.3	Sn	07:45:09.891	0.9					T__				___		5549964	FDSN	HU	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																										
EGYH	1.12	8.7	Lg	07:45:11.700	0.3					T__				___		5549970	FDSN	HU	--	BUD	iLoc	HHE	???	_		
CRES	1.23	247.6	Pg	07:44:56.328	-0.1					T__		47.6		___	ML	1.9	5549965	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	1.23	247.6	Lg	07:45:14.080	-0.8					T__				___		5549966	FDSN	SL	--	BUD	iLoc	BHZ	???	_		
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																										
HU08A	1.26	26.8	Lg	07:45:15.875	0.4					T__				___		5549967	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
BLY	1.56	177.4	Lg	07:45:24.946	2.5					T__				___		5549968	FDSN	MN	--	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
2020/08/26	08:23:23.06	0.36	0.98	47.8284	19.0942	4.8	3.4	179	0.0	0.0	11	0	107	0.05	1.17	kx	BUD	16001946	BUD			
2020/08/26	08:23:20.97	0.92	0.72	47.8355	19.1270f				0.0f		11	7	110	0.07	1.15	kx	BUD_GT	16001947	BUD			197

(locality : Sejce-Vác Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.7 0.2 4 BUD 16001947

Sta	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	08:23:23.319	0.3					T__		2478.1		___	ML	1.9	5067327	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	08:23:24.306	-0.5					T__				---		5067328	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	0.33	77.7	Lg	08:23:33.351	-0.1					T__				---		5067329	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
BUD	0.36	191.2	Lg	08:23:34.373	-0.6					T__				---		5067333	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
PSZ	0.52	80.6	Lg	08:23:39.745	-1.0					T__				---		5067334	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.6	Pn	08:23:38.074	1.0					T__		18.4		---	ML	1.1	5067326	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.6	Lg	08:23:44.478	-0.8					T__				---		5067330	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.98	72.5	Pn	08:23:41.565	0.5					T__		40.9		---	ML	1.7	5067325	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	08:23:56.754	-0.0					T__				---		5067331	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	1.15	54.5	Pn	08:23:43.787	0.5					T__		36.2		---	ML	1.7	5067324	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.5	Sn	08:24:01.895	1.0					T__				---		5067332	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
2020/08/26	08:58:35.75	0.38	0.83	46.9630	17.3001	5.3	3.8	134	0.0	0.0	7	0	134	0.10	1.19	kx	BUD	16001948	BUD			
2020/08/26	08:58:32.80	0.99	2.68	46.8548	17.2699f				0.0f		7	5	147	0.13	1.14	kx	BUD_GT	16001949	BUD			218

(locality : Vársvölgy Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 2.0 0.3 2 BUD 16001949

Sta	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	08:58:36.489	0.4					T__		3437.7		___	ML	2.2	5550047	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
A261A	0.13	319.5	Lg	08:58:39.658	1.0					T__				---		5550048	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
A263A	0.22	171.8	Lg	08:58:45.793	4.3					T__				---		5550049	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
MPLH	0.37	30.2	Pg	08:58:39.954	-0.7					T__		261.2		---	ML	1.7	5550050	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MPLH	0.37	30.2	Lg	08:58:44.504	-2.3					T__				---		5550051	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU08A	0.73	37.5	Lg	08:58:56.106	-3.4					T__				---		5550052	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
MORH	1.14	123.5	Sn	08:59:14.132	2.5					T__				---		5550053	FDSN	HU	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/26	09:04:10.36	2.90	1.18	48.8487	20.0354	24.4	6.6	10	10.0f	7	6	237	0.47	0.97	sx	BUD	16001950	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
KECS	0.47	140.6	Lg	09:04:26.539	-0.4					T__					5550072	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.49	136.4	Pg	09:04:20.161	-0.0					T__	52.8			ML	1.4	5550073	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	136.4	Lg	09:04:26.052	-1.3					T__					5550074	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
HU02A	0.80	155.7	Lg	09:04:39.143	1.0					T__					5550075	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.87	246.4	Lg	09:04:39.617	-0.1					T__					5550077	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	0.94	185.8	Sn	09:04:43.969	0.4					T__					5550076	FDSN	GE	--	BUD	iLoc	HHE	???	_	
ABAH	0.97	124.2	Lg	09:04:44.701	1.6					T__					5550078	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
2020/08/26	09:10:46.42	1.03	0.63	48.4963	19.1616	14.2	3.9	6	0.0f	7	4	179	0.22	0.98	sx	BUD	16001952	BUD				310

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	3 BUD	16001952

Sta	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	269.5	Pg	09:10:51.108	0.1					T__	90.9			ML	0.9	5550101	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.22	269.5	Lg	09:10:54.369	-0.2					T__					5550102	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.76	139.4	Lg	09:11:14.159	0.1					T__					5550103	FDSN	GE	--	BUD	iLoc	HHE	???	_	
JOS	0.92	89.5	Pg	09:11:04.997	0.4					T__	42.0			ML	1.6	5550097	FDSN	ZJ	--	BUD	iLoc	HHE	HHZ	_
JOS	0.92	89.5	Lg	09:11:17.936	-0.3					T__					5550098	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
HU02A	0.98	111.8	Pn	09:11:07.101	0.5					T__	39.5			ML	1.6	5550099	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	111.8	Lg	09:11:20.382	-1.0					T__					5550100	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
2020/08/26	10:00:23.47	1.02	1.39	48.1352	16.9850	8.8	4.0	135	6.0f	9	7	139	0.31	1.29	sx	BUD	16001954	BUD				181

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	3 BUD	16001954

Sta	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	39.2	Pg	10:00:29.465	-0.5					T__					5550128	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.31	39.2	Lg	10:00:34.172	-0.9					T__					5550129	FDSN	SK	--	BUD	iLoc	HHE	???	_	
SOP	0.54	212.6	Lg	10:00:40.894	-0.6					T__					5550132	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	0.78	255.1	Pg	10:00:39.442	0.4					T__	57.4			ML	1.7	5550133	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.78	255.1	Lg	10:00:49.101	-0.2					T__					5550134	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
JAVC	0.86	31.9	Pg	10:00:43.011	2.2					T__	97.0			ML	2.0	5550135	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
KRUC	1.01	337.3	Lg	10:00:56.896	-0.5					T__					5550131	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
VRAC	1.20	347.7	Pg	10:00:45.556	-0.5					T__	15.2			ML	1.4	5550136	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								

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VYHS 1.29 73.1 Sn 10:01:07.732 2.1 T__ --- 5550130 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
2020/08/26 21:57:44.83 0.99 0.90 45.6038 18.0879 7.1 5.2 162 5.0f 52 31 107 0.37 3.45 ke BUD 16001956 BUD 168

Magnitude Err Nsta Author OrigID
ML 2.6 0.2 29 BUD 16001956

Sta 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 0.37 328.8 Pg 21:57:52.325 -0.1 T__ 1015.7 --- ML 2.3 5550230 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.37 328.8 Lg 21:57:58.848 1.5 T__ --- 5550231 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
KOVH 0.48 1.0 Pg 21:57:53.985 -0.8 T__ 438.0 --- ML 2.3 5550232 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
MORH 0.72 32.2 Pg 21:57:57.940 -1.3 T__ 442.8 --- ML 2.5 5550233 FDSN HU -- BUD iLoc HHE HHZ _
MORH 0.72 32.2 Lg 21:58:10.012 0.2 T__ --- 5550249 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A264A 0.79 315.2 Pg 21:57:59.936 -0.6 T__ 609.6 --- ML 2.7 5550239 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.79 315.2 Sn 21:58:12.103 -1.5 T__ --- 5550234 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A265A 0.85 346.2 Pg 21:58:01.216 -0.4 T__ 752.9 --- ML 2.8 5550235 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.85 346.2 Sn 21:58:14.899 -0.1 T__ --- 5550236 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
A266A 0.93 7.5 Pn 21:58:02.681 -0.4 T__ 1230.4 --- ML 3.1 5550237 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.93 7.5 Sn 21:58:16.706 -0.4 T__ --- 5550238 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=0
HU22A 1.03 44.8 Pn 21:58:03.646 -0.7 T__ 767.2 --- ML 3.0 5550240 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU22A 1.03 44.8 Lg 21:58:20.570 1.0 T__ --- 5550241 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
BLY 1.07 217.1 Pn 21:58:04.792 -0.8 T__ 212.7 --- ML 2.4 5550245 FDSN MN -- BUD iLoc HHE HHZ _
BLY 1.07 217.1 Lg 21:58:18.416 -0.5 T__ --- 5550250 FDSN MN -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A263A 1.17 332.9 Pg 21:58:07.798 0.2 T__ 752.0 --- ML 3.0 5550252 FDSN Z3 00 BUD iLoc HHZ HHZ _
A263A 1.17 332.9 Lg 21:58:23.460 0.7 T__ --- 5550251 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
BEHE 1.26 313.9 Pn 21:58:07.360 -0.6 T__ 330.7 --- ML 2.7 5550255 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 1.26 313.9 Lg 21:58:27.400 1.9 T__ --- 5550256 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
FRGS 1.29 109.6 Pn 21:58:06.942 -1.3 T__ 146.0 --- ML 2.4 5550253 FDSN SJ -- BUD iLoc BHZ BHZ _
FRGS 1.29 109.6 Sn 21:58:25.668 -0.7 T__ --- 5550254 FDSN SJ -- BUD iLoc BHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1

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A272A	1.29	27.8	Pg	21:58:09.274	-0.6	T__	191.3	---	ML	2.5	5550257	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A272A	1.29	27.8	Lg	21:58:28.092	0.0	T__		---			5550242	FDSN	Z3	00	BUD	iLoc	HHE	???	_
	(Reading ML: 2.5 magdef=1)																		
	(Station ML: 2.5 magdef=1)																		
TIH	1.30	354.1	Pn	21:58:07.627	-0.7	T__	446.9	---	ML	2.9	5550243	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	1.30	354.1	Lg	21:58:27.918	0.5	T__		---			5550258	FDSN	HU	--	BUD	iLoc	HHZ	???	_
	(Reading ML: 2.9 magdef=1)																		
	(Station ML: 2.9 magdef=1)																		
HU21A	1.36	56.9	Pg	21:58:10.508	-0.3	T__	157.9	---	ML	2.5	5550259	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.5 magdef=1)																		
	(Station ML: 2.5 magdef=1)																		
A267A	1.37	11.4	Pn	21:58:09.372	0.2	T__	280.9	---	ML	2.7	5550244	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	1.37	11.4	Lg	21:58:30.610	0.4	T__		---			5550260	FDSN	Z3	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.7 magdef=1)																		
	(Station ML: 2.7 magdef=1)																		
PTJ	1.51	282.3	Pn	21:58:10.452	-1.5	T__	90.8	---	ML	2.3	5550248	FDSN	CR	--	BUD	iLoc	BHE	BHZ	_
	(Reading ML: 2.3 magdef=1)																		
	(Station ML: 2.3 magdef=0)																		
KOGS	1.53	304.1	Pg	21:58:13.864	-0.0	T__	180.9	---	ML	2.6	5550247	FDSN	SL	--	BUD	iLoc	BHE	BHZ	_
KOGS	1.53	304.1	Lg	21:58:34.786	1.3	T__		---			5550261	FDSN	SL	--	BUD	iLoc	BHE	???	_
	(Reading ML: 2.6 magdef=1)																		
	(Station ML: 2.6 magdef=1)																		
MPLH	1.61	346.6	Pn	21:58:12.824	0.1	T__	84.9	---	ML	2.3	5550246	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
	(Reading ML: 2.3 magdef=1)																		
	(Station ML: 2.3 magdef=1)																		
A262A	1.66	319.9	Pn	21:58:13.551	0.1	T__	152.6	---	ML	2.6	5550262	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.6 magdef=1)																		
	(Station ML: 2.6 magdef=1)																		
CRES	1.86	277.8	Pn	21:58:15.320	-1.3	T__	49.9	---	ML	2.2	5550263	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.86	277.8	Pg	21:58:19.897	0.7	T__		---			5550264	FDSN	SL	--	BUD	iLoc	BHZ	???	_
	(Reading ML: 2.2 magdef=1)																		
	(Station ML: 2.2 magdef=0)																		
EGYH	1.89	344.2	Pn	21:58:16.920	0.4	T__	98.5	---	ML	2.5	5550266	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	1.89	344.2	Pg	21:58:22.443	1.5	T__		---			5550265	FDSN	HU	--	BUD	iLoc	HHZ	???	_
	(Reading ML: 2.5 magdef=1)																		
	(Station ML: 2.5 magdef=1)																		
BUD	1.99	18.6	Pg	21:58:24.358	1.2	T__	87.3	---	ML	2.5	5550267	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.5 magdef=1)																		
	(Station ML: 2.5 magdef=1)																		
HU01A	2.04	30.8	Lg	21:58:52.941	0.1	T__		---			5550268	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ARSA	2.42	313.8	Pn	21:58:23.689	-0.4	T__	42.1	---	ML	2.5	5550269	FDSN	OE	--	BUD	iLoc	HHE	HHZ	_
	(Reading ML: 2.5 magdef=1)																		
	(Station ML: 2.5 magdef=1)																		
BZS	2.48	88.4	Pn	21:58:24.998	0.2	T__	25.5	---	ML	2.3	5550270	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	2.48	88.4	Pg	21:58:31.494	0.9	T__		---			5550271	FDSN	RO	--	BUD	iLoc	HHZ	???	_
	(Reading ML: 2.3 magdef=1)																		
	(Station ML: 2.3 magdef=0)																		
PSZ	2.63	27.6	Pn	21:58:27.440	0.5	T__	44.3	---	ML	2.6	5550272	FDSN	GE	--	BUD	iLoc	HHE	HHZ	_
PSZ	2.63	27.6	Pg	21:58:34.935	-1.4	T__		---			5550273	FDSN	GE	--	BUD	iLoc	HHZ	???	_
PSZ	2.63	27.6	Lg	21:59:11.782	-0.8	T__		---			5550274	FDSN	GE	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.6 magdef=1)																		
	(Station ML: 2.6 magdef=1)																		
A019A	2.77	312.7	Pn	21:58:28.733	-0.6	T__	34.7	---	ML	2.6	5550275	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

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A019A  2.77 312.7 Pg      21:58:37.859  1.7          T__          ---          5550276  FDSN  Z3      00 BUD  iLoc  HHZ ??? _
(Reading ML:  2.6 magdef=1
(Station ML:  2.6 magdef=1
CONA   2.78 327.5 Pn      21:58:28.503 -0.7          T__          38.5          --- ML      2.6 5550277  FDSN  OE      -- BUD  iLoc  HHZ HHZ _
(Reading ML:  2.6 magdef=1
(Station ML:  2.6 magdef=1
HU02A  3.02 32.7 Lg        21:59:24.855 -0.4          T__          ---          5550278  FDSN  ZJ      00 BUD  iLoc  HHE ??? _
DRGR   3.42 68.0 Pn      21:58:38.636  0.5          T__          36.9          --- ML      3.0 5550279  FDSN  R0      -- BUD  iLoc  HHZ HHZ _
DRGR   3.42 68.0 Pg      21:58:51.997  1.8          T__          ---          5550280  FDSN  R0      -- BUD  iLoc  HHZ ??? _
(Reading ML:  3.0 magdef=1
(Station ML:  3.0 magdef=0
ABAH   3.45 37.6 Pg      21:58:52.425  0.8          T__          39.5          --- ML      3.0 5550281  FDSN  HU      -- BUD  iLoc  HHZ HHZ _
(Reading ML:  3.0 magdef=1
(Station ML:  3.0 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
2020/08/27 01:44:10.51  0.95  0.60 48.0281  20.4472  5.7  3.0 122  6.9  9.2  13  7 113  0.11  1.41  ke BUD  16001958  BUD  168

```

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Magnitude  Err Nsta Author  OrigID
ML 1.2 0.1 6 BUD 16001958

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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  0.11  28.9 Pg      01:44:13.322 -0.1          T__          301.2          --- ML      1.1 5550365  FDSN  ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A  0.11  28.9 Lg      01:44:15.492 -0.3          T__          ---          5550366  FDSN  ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=0
TENKA  0.38 190.2 Pg      01:44:18.474 -0.2          T__          542.0          --- ML      2.1 5550371  FDSN  HU      -- BUD  iLoc  HHZ HHZ _
TENKA  0.38 190.2 Lg      01:44:25.285  0.7          T__          ---          5550372  FDSN  HU      -- BUD  iLoc  HHE ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=0
PSZ    0.39 253.7 Pg      01:44:18.819 -0.2          T__          57.7          --- ML      1.1 5550369  FDSN  GE      -- BUD  iLoc  HHZ HHZ _
PSZ    0.39 253.7 Lg      01:44:25.124 -0.1          T__          ---          5550370  FDSN  GE      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=1
HU23A  0.41 199.0 Pg      01:44:19.317 -0.1          T__          90.5          --- ML      1.4 5550373  FDSN  ZJ      00 BUD  iLoc  HHZ HHZ _
HU23A  0.41 199.0 Lg      01:44:25.981  0.3          T__          ---          5550374  FDSN  ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML:  1.4 magdef=1
(Station ML:  1.4 magdef=1
JOS    0.47  7.5 Pg      01:44:20.364  0.4          T__          31.5          --- ML      1.1 5550367  FDSN  ZJ      -- BUD  iLoc  HHZ HHZ _
JOS    0.47  7.5 Lg      01:44:27.380  0.2          T__          ---          5550368  FDSN  ZJ      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=1
ABAH   0.59 62.9 Pg      01:44:22.516  0.2          T__          30.1          --- ML      1.3 5550375  FDSN  HU      -- BUD  iLoc  HHZ HHZ _
ABAH   0.59 62.9 Lg      01:44:31.037 -0.7          T__          ---          5550376  FDSN  HU      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=1
TRPA   1.41 85.0 Lg      01:44:56.302 -1.3          T__          ---          5550377  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
2020/08/27 07:43:12.39  3.90  0.23 48.6442  20.7210  21.8  21.5  48 10.0f  5  3 329  0.19  0.54  sx BUD  16001960  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	
JOS	0.19	219.1	Pg	07:43:16.807	0.1					T__		90.8		---	ML	0.8	5550495	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	219.1	Lg	07:43:20.199	0.2					T__				---		5550496	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
KECS	0.22	224.2	Pg	07:43:17.221	-0.1					T__		254.2		---	ML	1.3	5550493	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.22	224.2	Lg	07:43:21.001	-0.1					T__				---		5550494	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.54	194.1	Lg	07:43:31.656	-0.2					T__				---		5550497	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
2020/08/27	09:35:59.59	0.84	1.21	48.8345	20.4410	4.8	3.3	70	0.0f		21	12	93	0.35	1.56	ke	BUD	16001962	BUD			124

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	10 BUD	16001962

Sta	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	169.1	Pg	09:36:06.555	-0.0					T__		363.4		---	ML	1.8	5550540	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.35	169.1	Lg	09:36:11.894	-0.0					T__				---		5550541	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																					
KECS	0.35	175.2	Lg	09:36:11.999	-0.2					T__				---		5550539	FDSN	SK	--	BUD	iLoc	EHE	???	_	
NIE	0.59	351.0	Pg	09:36:11.408	0.6					T__		55.8		---	ML	1.6	5550544	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.59	351.0	Lg	09:36:17.720	-1.6					T__				---		5550545	FDSN	PL	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0)																					
LANS	0.71	296.6	Lg	09:36:23.542	0.1					T__				---		5550550	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.72	175.5	Pg	09:36:13.899	-0.5					T__		101.5		---	ML	1.9	5550546	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	175.5	Lg	09:36:25.189	-0.3					T__				---		5550547	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																					
ABAH	0.76	135.1	Pg	09:36:15.650	1.0					T__		114.4		---	ML	2.0	5550549	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.76	135.1	Lg	09:36:27.972	0.9					T__				---		5550548	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																					
PSZ	0.99	201.9	Pn	09:36:18.811	-1.0					T__		77.9		---	ML	1.9	5550542	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.99	201.9	Lg	09:36:34.118	-0.8					T__				---		5550543	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																					
HU03A	1.09	211.4	Pn	09:36:21.823	0.8					T__		101.6		---	ML	2.1	5550553	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.09	211.4	Sn	09:36:39.733	1.9					T__				---		5550554	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																					
VYHS	1.12	252.8	Pg	09:36:23.495	1.5					T__		14.3		---	ML	1.3	5550555	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.12	252.8	Lg	09:36:36.172	-1.9					T__				---		5550556	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0)																					
KOLS	1.21	84.6	Pg	09:36:22.173	-0.4					T__		22226.3		---	ML	4.5	5550551	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.21	84.6	Lg	09:36:39.874	-0.6					T__				---		5550552	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 4.5 magdef=1 (Station ML: 4.5 magdef=0)																					
OJC	1.45	343.4	Pn	09:36:27.036	0.4					T__		80.8		---	ML	2.2	5550557	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
TRPA 1.56 116.0 Pn 09:36:28.166 0.5 T__ 42.9 ___ ML 2.0 5550558 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.56 116.0 Sn 09:36:46.892 -3.0 T__ ___ 5550559 FDSN HU -- 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
2020/08/27 09:39:55.46 2.35 0.36 48.5826 20.8075 15.5 6.4 16 0.0f 9 5 249 0.20 0.90 sx BUD 16001964 BUD 317

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```

Magnitude Err Nsta Author OrigID
ML 1.3 0.3 4 BUD 16001964

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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 0.20 244.1 Pg 09:39:59.594 -0.0 T__ 158.3 ___ ML 1.1 5550599 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 244.1 Lg 09:40:03.230 0.4 T__ ___ 5550600 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.24 245.2 Pg 09:40:00.166 -0.2 T__ 352.0 ___ ML 1.5 5550601 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.24 245.2 Lg 09:40:04.216 0.0 T__ ___ 5550602 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.41 134.7 Lg 09:40:11.143 0.3 T__ ___ 5550604 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.50 202.3 Pg 09:40:05.939 -0.0 T__ 26.8 ___ ML 1.1 5550606 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 202.3 Lg 09:40:13.481 -0.5 T__ ___ 5550605 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.90 222.9 Pn 09:40:14.385 -0.1 T__ 37.9 ___ ML 1.6 5550607 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.90 222.9 Lg 09:40:28.505 0.5 T__ ___ 5550603 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
2020/08/27 11:03:34.28 2.48 1.37 47.3622 18.3082 6.0 5.8 151 0.1 3.5 12 9 102 0.03 1.28 ke BUD 16001966 BUD 146

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 3 BUD 16001966

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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 0.03 271.6 Pg 11:03:35.428 -0.2 T__ 3248.2 ___ ML 1.9 5550638 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.03 271.6 Lg 11:03:36.480 -0.7 T__ ___ 5550639 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU08A 0.27 285.0 Lg 11:03:44.798 -0.4 T__ ___ 5550637 FDSN ZJ 00 BUD iLoc HHE ??? _
HU09A 0.28 10.3 Lg 11:03:45.749 0.1 T__ ___ 5550647 FDSN ZJ 00 BUD iLoc HHN ??? _
A267A 0.43 164.0 Lg 11:03:50.221 -0.4 T__ ___ 5550648 FDSN Z3 00 BUD iLoc HHE ??? _
MPLH 0.56 250.1 Lg 11:03:56.146 1.8 T__ ___ 5550640 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.17 168.5 Sn 11:04:11.348 -2.9 T__ ___ 5550641 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.19 17.2 Pn 11:03:58.251 1.0 T__ 10.9 ___ ML 1.2 5550643 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.19 17.2 Sn 11:04:14.925 -0.6 T__ ___ 5550642 FDSN SK -- BUD iLoc HHE ??? _

```

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 1.21 62.0 Pn 11:03:58.514 1.0 T__ 35.4 ___ ML 1.7 5550645 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.21 62.0 Sn 11:04:16.503 0.5 T__ ___ 5550646 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOVH 1.28 186.5 Sn 11:04:16.398 -0.6 T__ ___ 5550644 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
2020/08/27	11:17:38.10	2.16	1.20	47.3239	18.3172	10.4	8.7	105	0.7	4.6	6	5	160	0.05	1.25	ke	BUD	16001968	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	
CSKK	0.05	315.5	Pg	11:17:39.691	0.0					T__		1145.8		___	ML	1.5	5550668	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.05	315.5	Lg	11:17:40.783	-0.4					T__				---		5550669	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.29	292.0	Lg	11:17:49.146	0.1					T__				---		5550670	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU09A	0.32	8.0	Lg	11:17:50.146	-0.0					T__				---		5550671	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.13	168.5	Lg	11:18:16.341	-0.2					T__				---		5550672	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.25	187.0	Sn	11:18:20.970	1.6					T__				---		5550673	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
2020/08/27	11:51:01.05	1.12	0.76	47.8646	16.0748	6.8	5.3	139	0.0f		9	6	154	0.16	1.22	sx	BUD	16001970	BUD		201	

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 3 BUD 16001970

Sta	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	294.0	Pg	11:51:03.905	-0.5					T__		302.8		___	ML	1.2	5550694	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	294.0	Lg	11:51:06.601	-0.2					T__				---		5550695	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AO13A	0.49	294.1	Lg	11:51:18.138	1.2					T__				---		5550698	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.72	211.5	Pg	11:51:14.557	-0.4					T__		64.4		___	ML	1.7	5550696	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.72	211.5	Lg	11:51:24.314	0.3					T__				---		5550697	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AO19A	0.79	238.3	Lg	11:51:27.403	0.8					T__				---		5550699	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MODS	0.95	57.3	Lg	11:51:35.501	0.4					T__				---		5550702	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KRUC	1.22	10.0	Pg	11:51:24.297	-0.1					T__		35.8		___	ML	1.7	5550700	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.22	10.0	Sn	11:51:41.129	-0.8					T__				---		5550701	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
2020/08/27	12:01:43.00	1.15	0.68	48.9751	21.2461	9.0	5.2	154	4.3	23.2	9	6	147	0.67	0.98	sx	BUD	16001972	BUD		234	

Magnitude Err Nsta Author OrigID
ML 1.6 0.3 5 BUD 16001972

Sta	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	0.67	224.5	Pg	12:01:55.664	-0.6					T__		24.9		___	ML	1.3	5550730	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	224.5	Lg	12:02:06.132	-0.1					T__				---		5550731	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
KOLS	0.68	93.2	Pg	12:01:56.008	0.1					T__		11407.2		___	ML	3.9	5550733	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.9 magdef=1)																									
(Station ML: 3.9 magdef=0)																									
ABAH	0.68	180.4	Pg	12:01:56.471	0.1					T__		52.0		___	ML	1.6	5550734	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.68	180.4	Lg	12:02:07.176	-0.1					T__				---		5550735	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.70	225.9	Pg	12:01:58.166	1.2					T__		114.1		___	ML	1.9	5550736	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.70	225.9	Lg	12:02:06.924	-0.6					T__				---		5550737	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
NIE	0.76	305.9	Lg	12:02:08.039	-0.3					T__				---		5550729	FDSN	PL	--	BUD	iLoc	BHZ	???	_	
HU02A	0.98	209.6	Pn	12:02:02.213	-0.3					T__		22.9		___	ML	1.4	5550732	FDSN	ZJ	00	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		
2020/08/28	07:17:11.84	0.54	0.76	48.0895	20.6942	8.0	3.9	158	0.0	0.0	8	0	192	0.12	0.56	kx	BUD	16001974	BUD					
2020/08/28	07:17:10.05	0.96	0.40	48.0750	20.6990f				0.0f		8	4	195	0.13	0.56	kx	BUD_GT	16001975	BUD			268		
(locality : Miskolc-Mexikóvölgy Hungary)																								
(description : known quarry blast)																								
(GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.1	4 BUD	16001975

Sta	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	07:17:13.041	-0.2					T__		223.8		___	ML	1.0	5550768	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	07:17:15.376	-0.6					T__				---		5550769	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ABAH	0.42	58.4	Pg	07:17:19.321	0.5					T__		35.4		___	ML	1.0	5550772	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.42	58.4	Lg	07:17:25.958	-0.3					T__				---		5550773	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
JOS	0.43	345.9	Pg	07:17:19.299	0.4					T__		22.9		___	ML	0.9	5550766	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.43	345.9	Lg	07:17:25.440	-0.2					T__				---		5550767	FDSN	ZJ	--	iLoc	BUD	HHE	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
PSZ	0.56	254.1	Pg	07:17:22.422	0.2					T__		27.4		___	ML	1.3	5550770	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.56	254.1	Lg	07:17:30.795	-0.3					T__				---		5550771	FDSN	GE	--	iLoc	BUD	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
2020/08/28	08:54:06.13	0.57	0.56	46.0542	18.0455	6.7	5.3	156	0.0	0.0	7	0	160	0.05	0.50	kx	BUD	16001976	BUD			
2020/08/28	08:54:04.85	0.97	0.69	46.1204	18.0243f				0.0f		7	5	117	0.06	0.44	kx	BUD_GT	16001977	BUD			211

(locality : Bükkösd Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	3 BUD	16001977

Sta	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	08:54:06.572	-0.2					T__		2946.8		---	ML	1.9	5550798	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	08:54:07.878	-0.7					T__				---		5550799	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A273A	0.25	215.5	Pg	08:54:10.755	0.4					T__		1000.0		---	ML	2.0	5550804	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A265A	0.34	332.5	Lg	08:54:18.850	1.1					T__				---		5550802	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
A266A	0.44	22.3	Lg	08:54:21.845	0.7					T__				---		5550803	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
MORH	0.44	77.4	Pg	08:54:13.871	-0.2					T__		49.5		---	ML	1.2	5550800	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.44	77.4	Lg	08:54:20.515	-0.7					T__				---		5550801	FDSN	HU	--	iLoc	BUD	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
2020/08/28	09:05:46.90	2.16	1.00	47.3242	17.5932	23.0	4.1	130	0.0f		7	5	231	0.16	1.32	sx	BUD	16001978	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	
MPLH	0.16	193.4	Pg	09:05:51.031	0.3					T__		736.5		---	ML	1.6	5550826	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.16	193.4	Lg	09:05:53.075	-0.8					T__				---		5550827	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HU08A	0.25	64.4	Pg	09:05:52.468	0.0					T__		747.8		---	ML	1.9	5550828	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_
HU08A	0.25	64.4	Lg	09:05:56.951	-0.2					T__				---		5550829	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.46	84.8	Lg	09:06:04.423	0.0					T__				---		5550832	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.28	164.1	Sn	09:06:31.198	1.8					T__				---		5550831	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.32	146.6	Sn	09:06:30.703	0.3					T__				---		5550830	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
2020/08/29	03:11:26.43	0.99	0.27	47.3903	18.1414	5.9	2.8	12	1.4	11.7	10	5	162	0.01	0.15	ke	BUD	16001980	BUD			212

Magnitude	Err	Nsta	Author	OrigID
ML	0.2	0.0	5 BUD	16001980

Sta	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	0.01	235.2	Pg	03:11:27.278	0.2					T__		647.3		_d	ML	1.1	6029419	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.01	235.2	Lg	03:11:27.581	-0.3					T__				---		6029418	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									

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MSW1  0.08 88.1 Pg      03:11:28.472  0.1      T__      48.2      ___ ML    0.2 6029423  FDSN HU    -- BUD  iLoc  HHZ HHZ  _
MSW1  0.08 88.1 Lg      03:11:29.947 -0.3      T__      ___      ___      6029416  FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1
CSKK  0.09 108.6 Pg     03:11:28.783  0.3      T__      41.3      ___ ML    0.2 6029424  FDSN HU    -- BUD  iLoc  HHZ HHZ  _
CSKK  0.09 108.6 Lg     03:11:30.268 -0.2      T__      ___      ___      6029417  FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1
MSW2  0.10 151.8 Pg     03:11:28.913  0.1      T__      29.5      ___ ML    0.0 6029425  FDSN HU    -- BUD  iLoc  HHZ HHZ  _
MSW2  0.10 151.8 Lg     03:11:30.651 -0.2      T__      ___      ___      6029421  FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML: 0.0 magdef=1
(Station ML: 0.0 magdef=0
HU08A 0.15 285.6 Pg     03:11:29.928  0.1      T__      27.6      ___ ML    0.2 6029422  FDSN ZJ    00 BUD  iLoc  HHZ HHZ  _
HU08A 0.15 285.6 Lg     03:11:32.416 -0.2      T__      ___      ___      6029420  FDSN ZJ    00 BUD  iLoc  HHN ???  _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 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
2020/08/29 09:19:06.65  0.52  1.46 48.0194 19.6757 7.5 3.6 151 0.0 0.0 7 0 161 0.13 0.75 kx BUD 16001982 BUD
2020/08/29 09:19:04.33  0.95  1.54 48.0061 19.6278f 0.0f 7 5 162 0.10 0.78 kx BUD_GT 16001983 BUD 220
(locality : Nagyl6c Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author      OrigID
ML 1.4 0.0 2 BUD 16001983

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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 0.10 190.5 Pg      09:19:06.926 -0.0      T__      659.7      ___ ML    1.4 5068165  FDSN ZJ    00 BUD  iLoc  HHZ HHZ  _
HU03A 0.10 190.5 Lg      09:19:12.331 3.2      T__      ___      ___      5068166  FDSN ZJ    00 BUD  iLoc  HHZ ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
PSZ  0.20 116.0 Pg      09:19:08.332 -0.8      T__      407.6      ___ ML    1.5 5068163  FDSN GE    -- BUD  iLoc  HHZ HHZ  _
PSZ  0.20 116.0 Lg      09:19:12.054 -1.0      T__      ___      ___      5068168  FDSN GE    -- BUD  iLoc  HHN ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU10A 0.44 248.8 Lg      09:19:21.917 0.9      T__      ___      ___      5068164  FDSN ZJ    00 BUD  iLoc  HHE ???  _
HU02A 0.61 78.7 Lg      09:19:26.102 -0.9      T__      ___      ___      5068169  FDSN ZJ    00 BUD  iLoc  HHE ???  _
JOS  0.78 50.9 Lg      09:19:31.048 -0.7      T__      ___      ___      5068167  FDSN ZJ    -- BUD  iLoc  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
2020/08/29 09:42:56.14  0.40  0.53 47.9947 19.6257 4.7 4.3 138 0.0 0.0 9 0 122 0.09 0.79 kx BUD 16001984 BUD
2020/08/29 09:42:54.39  0.92  0.59 48.0061 19.6278f 0.0f 9 5 122 0.10 0.78 kx BUD_GT 16001985 BUD 220
(locality : Nagyl6c Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author      OrigID
ML 1.3 0.0 4 BUD 16001985

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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

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HU03A	0.10	190.5	Pg	09:42:57.582	0.6	T__	759.9	___	ML	1.5	5068193	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	09:42:58.818	-0.3	T__		---			5068194	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
PSZ	0.20	116.0	Pg	09:42:59.469	0.3	T__	261.1	___	ML	1.3	5068195	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	09:43:02.467	-0.6	T__		---			5068196	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
HU02A	0.61	78.7	Pg	09:43:07.208	-0.1	T__	30.0	___	ML	1.3	5068197	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.61	78.7	Lg	09:43:16.091	-1.0	T__		---			5068198	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
VVHS	0.72	313.0	Lg	09:43:19.624	-0.1	T__		---			5068199	FDSN	SK	--	BUD	iLoc	HHN	???	_
JOS	0.78	50.9	Pn	09:43:12.146	0.7	T__	22.2	---	ML	1.3	5068200	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	50.9	Lg	09:43:21.141	-0.7	T__		---			5068201	FDSN	ZJ	--	BUD	iLoc	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
2020/08/30	05:44:21.17	1.08	1.56	46.5807	21.2341	4.2	3.7	34	7.1	9.8	61	33	34	0.33	2.91	ke	BUD	16001986	BUD		56	

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	17 BUD	16001986

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU24A	0.33	351.1	Pg	05:44:29.423	1.0					T__		810.9		___	ML	2.1	5551016	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.33	351.1	Lg	05:44:35.788	1.9					T__				---		5551017	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
AMBH	0.42	236.9	Pg	05:44:30.100	0.0					T__				---		5551042	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
AMBH	0.42	236.9	Lg	05:44:37.335	0.6					T__				---		5551043	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU06A	0.48	286.2	Pg	05:44:31.604	0.3					T__	616.5			---	ML	2.4	5551044	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU06A	0.48	286.2	Lg	05:44:38.783	0.1					T__				---		5551045	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
BORR	0.63	36.4	Pn	05:44:34.178	-0.7					T__				_c_		22802044	FDSN	IR	--	ISC	iLoc	???	???	_	
BORR	0.63	36.4	Sn	05:44:44.784	-1.2					T__				_d_		22802045	FDSN	IR	--	ISC	iLoc	???	???	_	
TIM	0.84	180.6	Lg	05:44:49.179	-0.2					T__				_d_		22802055	FDSN	IR	--	ISC	iLoc	???	???	_	
TIM	0.84	180.6	Lg	05:44:49.179	-0.2					T__	0.4			_d_	ML	-0.4	22805380	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: -0.4 magdef=1)																									
(Station ML: -0.4 magdef=0)																									
LTVH	0.92	29.3	Lg	05:44:53.327	0.7					T__				_d_		22802061	FDSN	IR	--	ISC	iLoc	???	???	_	
LTVH	0.92	29.3	Sg	05:44:53.620	1.0					T__				---		5551035	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU05A	0.97	356.1	Lg	05:44:55.242	0.9					T__				---		5551036	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
BZS	1.00	164.4	Pg	05:44:40.349	-0.3					T__	74.3			---	ML	1.9	5551014	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.00	164.4	Lg	05:44:53.889	-0.1					T__				---		5551015	FDSN	RO	--	BUD	iLoc	HHE	???	_	
BZS	1.00	164.4	Lg	05:44:53.889	-0.1					T__	0.1			_c_	ML	-0.9	22805362	FDSN	IR	--	ISC	iLoc	???	???	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
DRGR	1.04	77.7	Pn	05:44:40.980	0.1					T__	198.3			---	ML	2.4	5551012	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.04	77.7	Sn	05:44:54.886	-1.5					T__				---		5551013	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
DRGR	1.04	77.7	Lg	05:44:55.293	-0.6					T__				_c_		22802050	FDSN	IR	--	ISC	iLoc	???	???	_	

(Reading ML: 2.4 magdef=1)		(Station ML: 2.4 magdef=1)																		
HU21A	1.07	257.1	Pg	05:44:42.135	-0.3	T__	168.4	___	ML	2.3	5551046	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU21A	1.07	257.1	Sn	05:44:56.758	0.5	T__		---			5551047	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)		(Station ML: 2.3 magdef=1)																		
HU04A	1.23	281.5	Sn	05:45:01.339	1.2	T__		---			5551019	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MARR	1.30	85.1	Lg	05:45:03.666	-0.5	T__	0.1	_c_	ML	-0.8	22805374	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: -0.8 magdef=1)		(Station ML: -0.8 magdef=0)																		
MESR	1.31	63.6	Pg	05:44:46.429	-0.3	T__		_d_			22802051	FDSN	IR	--	ISC	iLoc	???	???	_	
MESR	1.31	63.6	Lg	05:45:04.313	0.2	T__		_d_			22802052	FDSN	IR	--	ISC	iLoc	???	???	_	
HU01A	1.34	305.2	Lg	05:45:06.847	0.2	T__		---			5551020	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
DEV	1.35	120.4	Pg	05:44:46.966	0.1	T__	202.2	---	ML	2.6	5551018	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DEV	1.35	120.4	Lg	05:45:04.798	0.2	T__		---			5551037	FDSN	RO	--	BUD	iLoc	HHE	???	_	
DEV	1.35	120.4	Sg	05:45:05.198	0.6	T__	0.1	_d_	ML	-0.7	22805366	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: 2.6 magdef=1)		(Station ML: 2.6 magdef=0)																		
HU07A	1.48	18.0	Lg	05:45:10.824	0.7	T__		---			5551021	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU22A	1.48	260.9	Pg	05:44:50.987	0.9	T__	239.1	---	ML	2.7	5551022	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_	
HU22A	1.48	260.9	Lg	05:45:09.976	-1.1	T__		---			5551023	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.7 magdef=1)		(Station ML: 2.7 magdef=0)																		
GZR	1.60	137.3	Pg	05:44:50.510	-1.4	T__		_c_			22802056	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.60	137.3	Lg	05:45:13.235	0.6	T__		_d_			22802057	FDSN	IR	--	ISC	iLoc	???	???	_	
HU02A	1.62	342.9	Pn	05:44:48.682	-0.1	T__	29.9	---	ML	1.9	5551024	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	1.62	342.9	Pg	05:44:52.916	-0.8	T__		---			5551038	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.9 magdef=1)		(Station ML: 1.9 magdef=1)																		
PSZ	1.62	326.2	Pn	05:44:48.500	-0.4	T__	54.9	---	ML	2.1	5551025	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	1.62	326.2	Pg	05:44:52.629	-1.7	T__		---			5551039	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.1 magdef=1)		(Station ML: 2.1 magdef=1)																		
CJR	1.63	84.5	Pg	05:44:51.904	-1.1	T__	0.1	_c_	ML	-0.6	22805363	FDSN	IR	--	ISC	iLoc	???	???	_	
CJR	1.63	84.5	Lg	05:45:14.045	-0.2	T__	0.1	_d_	ML	-0.6	22805364	FDSN	IR	--	ISC	iLoc	???	???	_	
(Reading ML: -0.6 magdef=1)		(Station ML: -0.6 magdef=0)																		
ABAH	1.72	0.1	Pg	05:44:54.607	-0.3	T__	50.3	---	ML	2.2	5551028	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	1.72	0.1	Lg	05:45:16.883	-0.9	T__		---			5551029	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.2 magdef=1)		(Station ML: 2.2 magdef=1)																		
FRGS	1.74	215.5	Pg	05:44:54.956	0.9	T__	82.8	---	ML	2.4	5551026	FDSN	SJ	--	BUD	iLoc	BHN	BHZ	_	
FRGS	1.74	215.5	Sn	05:45:16.575	3.6	T__		---			5551027	FDSN	SJ	--	BUD	iLoc	BHZ	???	_	
(Reading ML: 2.4 magdef=1)		(Station ML: 2.4 magdef=1)																		
MORH	1.83	259.4	Pg	05:44:54.949	-1.9	T__	36.8	---	ML	2.1	5551030	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	1.83	259.4	Sn	05:45:18.324	3.6	T__		---			5551031	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.1 magdef=1)		(Station ML: 2.1 magdef=1)																		
HERR	1.89	153.6	Lg	05:45:18.835	-2.2	T__		_d_			22802068	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.89	153.6	Lg	05:45:18.835	-2.2	T__		_d_			22805371	FDSN	IR	--	ISC	iLoc	???	???	_	
BMR	1.89	53.9	Pg	05:44:55.621	-2.1	T__		_c_			22802064	FDSN	IR	--	ISC	iLoc	???	???	_	
BMR	1.89	53.9	Lg	05:45:20.426	-2.2	T__		_c_			22802065	FDSN	IR	--	ISC	iLoc	???	???	_	

JOS	1.97	346.5	Pn	05:44:54.165	0.6	T__	21.7	___	ML	1.9	5551032	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
A266A	2.05	269.5	Lg	05:45:27.073	-2.3	T__		---			5551040	FDSN	Z3	00	BUD	iLoc	HHN	???	_
LOT	2.10	121.8	Lg	05:45:24.643	-4.2	T__		_c_			22802069	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	2.10	121.8	Lg	05:45:24.643	-4.2	T__		_c_			22805372	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	2.18	292.1	Lg	05:45:31.783	-2.9	T__		---			5551041	FDSN	HU	--	BUD	iLoc	HHE	???	_
KOVH	2.23	258.4	Pg	05:45:02.706	-1.6	T__	37.3	---	ML	2.3	5551033	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	2.23	258.4	Lg	05:45:32.228	-2.1	T__		---			5551034	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
VOIR	2.89	111.9	Sn	05:45:43.114	0.8	T__		_d_			22802070	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	2.89	111.9	Sn	05:45:43.114	0.8	T__		_d_			22805381	FDSN	IR	--	ISC	iLoc	???	???	_
BUR08	2.91	67.1	Pn	05:45:09.398	1.7	T__		_d_			22802067	FDSN	IR	--	ISC	iLoc	???	???	_
BUR08	2.91	67.1	Pn	05:45:09.398	1.7	T__		_d_			22805360	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/31	06:59:35.58	0.41	1.54	47.8500	19.4012	7.7	2.6	175	0.0	0.0	18	0	190	0.14	1.52	kx	BUD	16001988	BUD			
2020/08/31	06:59:34.11	0.84	0.96	47.8920	19.4049f				0.0f		18	9	174	0.13	1.50	kx	BUD_GT	16001989	BUD			204
(locality : Bercel Hungary)																						
(description : known quarry blast)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	8 BUD	16001989

Sta	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	06:59:37.615	0.3					T__		1703.8		___	ML	1.9	5551115	FDSN	ZJ	00	iLoc	BUD	HHN	HHZ	_
HU03A	0.13	84.8	Lg	06:59:38.522	-1.3					T__				---		5551116	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU10A	0.26	259.9	Pg	06:59:39.744	-0.2					T__		788.8		___	ML	1.9	5551109	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.26	259.9	Lg	06:59:45.635	1.0					T__				---		5551110	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	0.33	85.2	Pg	06:59:40.908	-0.7					T__		223.8		___	ML	1.6	5551111	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.33	85.2	Lg	06:59:46.312	-1.0					T__				---		5551112	FDSN	GE	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	0.71	327.9	Pg	06:59:48.686	0.0					T__		20.0		___	ML	1.2	5551113	FDSN	SK	--	iLoc	BUD	HHZ	HHZ	_
VYHS	0.71	327.9	Lg	06:59:59.522	0.3					T__				---		5551114	FDSN	SK	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU02A	0.79	72.6	Pg	06:59:49.138	-1.3					T__		55.6		___	ML	1.7	5551117	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.79	72.6	Lg	07:00:04.866	2.1					T__				---		5551118	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.93	50.3	Pg	06:59:52.961	0.2					T__		141.2		___	ML	2.2	5551119	FDSN	SK	--	iLoc	BUD	EHE	EHZ	_
KECS	0.93	50.3	Lg	07:00:06.585	-0.2					T__				---		5551120	FDSN	SK	--	iLoc	BUD	EHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
JOS	0.97	51.1	Pg	06:59:53.364	-0.0					T__		47.4		___	ML	1.7	5551121	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_

JOS	0.97	51.1	Lg	07:00:08.388	-0.2	T__								5551122	FDSN	ZJ	--	iLoc	BUD	HHZ	???	_
	(Reading ML: 1.7 magdef=1)																					
	(Station ML: 1.7 magdef=1)																					
ABAH	1.29	71.1	Pn	06:59:59.722	1.4	T__	56.8							5551123	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	1.29	71.1	Lg	07:00:20.434	0.9	T__								5551124	FDSN	HU	--	iLoc	BUD	HHN	???	_
	(Reading ML: 2.0 magdef=1)																					
	(Station ML: 2.0 magdef=1)																					
MODS	1.50	289.5	Pn	07:00:02.031	0.4	T__								5551125	FDSN	SK	--	iLoc	BUD	HHZ	???	_
MODS	1.50	289.5	Sn	07:00:24.794	1.5	T__								5551126	FDSN	SK	--	iLoc	BUD	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/31	07:50:24.33	0.86	0.45	48.7249	19.6170	4.1	3.6	87	10.1	2.8	17	9	100	0.44	1.16	ke	BUD	16001990	BUD		166	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	8 BUD	16001990

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
LANS	0.44	347.1	Pg	07:50:33.549	0.3					T__		366.3			ML	2.1	5551186	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.44	347.1	Lg	07:50:39.072	-0.3					T__						5551187	FDSN	SK	--	BUD	iLoc	EHE	???	_	
	(Reading ML: 2.1 magdef=1)																								
	(Station ML: 2.1 magdef=1)																								
VYHS	0.57	246.3	Pg	07:50:36.184	0.2					T__		25.9			ML	1.2	5551184	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.57	246.3	Lg	07:50:43.558	-0.5					T__						5551185	FDSN	SK	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.2 magdef=1)																								
	(Station ML: 1.2 magdef=0)																								
KECS	0.63	112.4	Pg	07:50:37.197	0.3					T__		269.2			ML	2.3	5551176	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.63	112.4	Lg	07:50:45.416	-0.4					T__						5551177	FDSN	SK	--	BUD	iLoc	EHE	???	_	
	(Reading ML: 2.3 magdef=1)																								
	(Station ML: 2.3 magdef=0)																								
JOS	0.65	110.2	Pg	07:50:37.723	0.4					T__		150.1			ML	2.0	5551174	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	110.2	Lg	07:50:46.218	-0.4					T__						5551175	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 2.0 magdef=1)																								
	(Station ML: 2.0 magdef=1)																								
HU03A	0.82	180.8	Pg	07:50:41.811	0.5					T__		83.6			ML	1.9	5551188	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.82	180.8	Lg	07:50:53.054	-0.0					T__						5551189	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.9 magdef=1)																								
	(Station ML: 1.9 magdef=1)																								
NIE	0.83	32.6	Pg	07:50:40.261	0.2					T__		30.9			ML	1.4	5551180	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.83	32.6	Lg	07:50:50.873	-0.3					T__						5551181	FDSN	PL	--	BUD	iLoc	BHE	???	_	
	(Reading ML: 1.4 magdef=1)																								
	(Station ML: 1.4 magdef=1)																								
PSZ	0.83	167.0	Pg	07:50:41.879	0.2					T__		116.2			ML	2.0	5551182	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.83	167.0	Lg	07:50:53.424	-0.3					T__						5551183	FDSN	GE	--	BUD	iLoc	HHE	???	_	
	(Reading ML: 2.0 magdef=1)																								
	(Station ML: 2.0 magdef=1)																								
HU02A	0.85	134.6	Pg	07:50:41.984	0.2					T__		45.2			ML	1.6	5551178	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.85	134.6	Lg	07:50:53.069	-0.9					T__						5551179	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.6 magdef=1)																								
	(Station ML: 1.6 magdef=1)																								
ABAH	1.16	111.1	Lg	07:51:02.762	-0.4					T__						5551190	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
2020/08/31	07:58:56.77	1.48	0.54	45.9377	22.3595	9.6	6.8	99	25.9	23.0	8	5	137	0.61	1.16	ke	BUD	16001992	BUD			224

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	3 BUD	16001992

Sta	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	0.61	238.6	Lg	07:59:17.708	-0.2					T__						5551228	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.62	151.6	Pg	07:59:09.503	0.2					T__		123.2			ML	1.9	5551229	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.62	151.6	Sn	07:59:18.945	-0.3					T__						5551230	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
DRGR	0.89	15.8	Pg	07:59:14.815	0.1					T__		65.7			ML	1.8	5551224	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.89	15.8	Sn	07:59:26.282	0.4					T__						5551225	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
LOT	1.10	115.9	Lg	07:59:33.261	-0.8					T__						5551231	FDSN	RO	--	BUD	iLoc	HHN	???	_	
CJR	1.16	47.4	Pg	07:59:19.313	-0.1					T__		186.5			ML	2.4	5551226	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	1.16	47.4	Lg	07:59:35.698	0.3					T__						5551227	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	
2020/08/31	08:46:23.10	0.58	0.66	46.1129	18.3234	9.3	4.4	159	0.0	0.0	5	0	195	0.16	0.41	kx	BUD	16001994	BUD				
2020/08/31	08:46:21.71	1.01	0.52	46.1765	18.2926f				0.0f		5	3	155	0.16	0.35	kx	BUD_GT	16001995	BUD				275

(locality : Komló Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	2 BUD	16001995

Sta	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	08:46:25.432	-0.1					T__		652.5			ML	1.6	5551251	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:46:28.404	-0.2					T__						5551252	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	0.25	80.9	Pg	08:46:27.299	0.1					T__		189.2			ML	1.3	5551253	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:46:31.192	-0.4					T__						5551254	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A266A	0.35	356.8	Lg	08:46:36.005	0.9					T__						5551255	FDSN	Z3	00	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/08/31	09:13:40.49	0.97	1.22	47.5399	19.4425	11.1	4.6	4	0.0	0.0	12	0	259	0.38	1.43	kx	BUD	16001996	BUD				
2020/08/31	09:13:43.62	0.91	1.83	47.9151	19.4088f				0.0f		11	6	160	0.13	1.28	kx	BUD_GT	16001997	BUD				231

(locality : Szanda Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.8 0.1 6 BUD 16001997

Sta	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	09:13:47.542	0.8					T__		3004.3		___	ML	2.1 5551284	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU03A	0.13	95.0	Lg	09:13:52.960	3.7					T__				---		5551285	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
HU10A	0.27	255.2	Pn	09:13:49.654	-5.2					---		860.0		---	ML	2.0 5551289	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.27	255.2	Lg	09:13:54.966	0.6					T__				---		5551290	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
PSZ	0.33	89.2	Pg	09:13:49.935	-1.1					T__		231.6		---	ML	1.6 5551286	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.33	89.2	Lg	09:13:55.879	-0.8					T__				---		5551287	FDSN	GE	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
VVHS	0.69	326.7	Pn	09:13:59.772	0.0					T__		25.3		---	ML	1.3 5551288	FDSN	SK	--	iLoc	BUD	HHZ	HHZ	_
VVHS	0.69	326.7	Sn	09:14:12.343	-0.4					T__				---		5551293	FDSN	SK	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																								
HU02A	0.78	74.1	Pn	09:13:58.033	-2.8					T__		76.4		---	ML	1.8 5551291	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.78	74.1	Lg	09:14:09.710	-2.3					T__				---		5551292	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
JOS	0.95	52.0	Pn	09:14:01.174	-2.0					T__		62.3		---	ML	1.8 5551294	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
ABAH	1.28	72.1	Lg	09:14:28.200	-0.5					T__				---		5551295	FDSN	HU	--	iLoc	BUD	HHE	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2020/08/31 09:28:47.16 2.05 0.80 47.0459 22.4264 30.1 14.4 52 6.1 18.2 13 8 152 0.32 1.93 sx BUD 16001998 BUD 182

Magnitude Err Nsta Author OrigID
 ML 2.1 0.2 7 BUD 16001998

Sta	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	0.32	142.4	Pg	09:28:54.012	0.1					T__		316.2		---	ML	1.7 5551334	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.32	142.4	Lg	09:28:58.838	-0.5					T__				---		5551335	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																								
CJR	0.87	112.1	Pn	09:29:05.241	0.2					T__		250.9		---	ML	2.4 5551341	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	0.87	112.1	Sn	09:29:18.503	-0.6					T__				---		5551342	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0)																								
HU24A	0.88	261.5	Sn	09:29:17.722	-0.7					T__				---		5551340	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BZS	1.54	201.7	Pn	09:29:15.039	0.9					T__		39.5		---	ML	2.0 5551336	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.54	201.7	Sn	09:29:33.844	-0.8					T__				---		5551337	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
GZR	1.67	171.5	Pn	09:29:16.485	0.1					T__		50.9		---	ML	2.1 5551338	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.67	171.5	Sn	09:29:39.551	1.1					T__				---		5551339	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.1 magdef=1)																								

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(Station ML: 2.1 magdef=1
HU02A 1.68 310.6 Pn 09:29:15.495 -0.5 T__ 30.1 ___ ML 1.9 5551343 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 1.93 297.9 Pn 09:29:18.784 -0.8 T__ 43.4 ___ ML 2.2 5551344 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
JOS 1.93 319.4 Pn 09:29:20.133 0.7 T__ 34.2 ___ ML 2.1 5551345 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.93 319.4 Sn 09:29:43.297 -0.6 T__ ___ 5551346 FDSN ZJ -- BUD iLoc HHE ??? _
(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
2020/08/31 09:54:39.37 0.96 0.78 48.4424 19.5700 7.4 3.6 11 0.0f 9 5 168 0.49 0.71 sx BUD 16002000 BUD 287

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Magnitude Err Nsta Author OrigID
ML 1.3 0.2 4 BUD 16002000

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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 0.49 276.3 Pg 09:54:49.631 0.2 T__ 14.6 ___ ML 0.8 5551380 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.49 276.3 Lg 09:54:56.464 -0.3 T__ ___ 5551381 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
PSZ 0.57 157.4 Pg 09:54:52.204 0.6 T__ 48.5 ___ ML 1.5 5551382 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.57 157.4 Lg 09:55:00.094 -0.4 T__ ___ 5551383 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.61 85.8 Lg 09:55:00.718 -0.2 T__ ___ 5551386 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.65 84.9 Pg 09:54:52.756 0.5 T__ 26.7 ___ ML 1.3 5551384 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.65 84.9 Lg 09:55:01.711 -0.4 T__ ___ 5551385 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.71 116.3 Pg 09:54:54.650 0.4 T__ 23.4 ___ ML 1.3 5551387 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.71 116.3 Lg 09:55:03.829 -1.6 T__ ___ 5551388 FDSN ZJ 00 BUD iLoc HHE ??? _
(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
2020/09/01 03:59:11.41 0.83 0.74 48.7182 19.6145 4.0 3.8 89 10.0f 14 7 100 0.44 1.16 ke BUD 16002004 BUD 180

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Magnitude Err Nsta Author OrigID
ML 1.6 0.3 7 BUD 16002004

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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
LANS 0.44 347.5 Pg 03:59:20.536 0.1 T__ 167.1 ___ ML 1.8 5551510 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 0.44 347.5 Lg 03:59:26.032 -0.6 T__ ___ 5551511 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 0.56 246.8 Pg 03:59:23.165 0.2 T__ 13.8 ___ ML 1.0 5551512 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.56 246.8 Lg 03:59:30.746 -0.3 T__ ___ 5551513 FDSN SK -- BUD iLoc HHE ??? _

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(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
JOS 0.65 109.6 Pg 03:59:24.698 0.3 T__ 51.2 ___ ML 1.6 5551504 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.65 109.6 Lg 03:59:33.094 -0.5 T__ ___ 5551505 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 0.82 166.8 Pn 03:59:28.855 0.7 T__ 61.1 ___ ML 1.7 5551514 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.82 166.8 Lg 03:59:39.980 -0.6 T__ ___ 5551515 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 0.83 32.5 Pg 03:59:27.676 0.5 T__ 16.4 ___ ML 1.2 5551508 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.83 32.5 Lg 03:59:37.841 -0.6 T__ ___ 5551509 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.85 134.2 Pn 03:59:28.991 0.5 T__ 19.5 ___ ML 1.3 5551506 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.85 134.2 Lg 03:59:40.051 -0.9 T__ ___ 5551507 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH 1.16 110.7 Pn 03:59:34.177 1.6 T__ 43.9 ___ ML 1.8 5551516 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.16 110.7 Sn 03:59:49.543 0.1 T__ ___ 5551517 FDSN HU -- 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
2020/09/01	07:16:47.95	3.24	1.93	48.1812	21.3602	21.0	8.2	115	0.0f		7	4	290	0.14	1.02	sx	BUD	16002006	BUD			315

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	3 BUD	16002006

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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 0.14 325.0 Pg 07:16:51.298 0.0 T__ 300.4 ___ ML 1.2 5551549 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.14 325.0 Lg 07:16:54.283 -0.0 T__ ___ 5551550 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.56 264.3 Pg 07:17:00.714 0.9 T__ 25.9 ___ ML 1.2 5551553 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.56 264.3 Lg 07:17:05.843 -3.0 T__ ___ 5551554 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
JOS 0.63 300.2 Pn 07:17:02.792 -1.4 T__ 26.0 ___ ML 1.3 5551551 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.63 300.2 Lg 07:17:11.786 1.6 T__ ___ 5551552 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 1.02 255.6 Sn 07:17:24.185 -0.9 T__ ___ 5551555 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
2020/09/01	07:57:23.32	1.04	1.34	46.0220	22.8159	8.0	4.6	74	0.0f		8	4	161	0.15	0.93	sx	BUD	16002008	BUD			271

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	16002008

Sta	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	0.15	156.2	Pg	07:57:25.837	-0.4					T__		1117.9		---	ML	1.8	5551582	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.15	156.2	Lg	07:57:29.427	1.1					T__				---		5551583	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
GZR	0.63	182.5	Pg	07:57:35.190	-0.2					T__		55.9		---	ML	1.6	5551584	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.63	182.5	Lg	07:57:44.737	0.4					T__				---		5551585	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
DRGR	0.77	354.7	Pg	07:57:39.376	0.5					T__		80.3		---	ML	1.8	5551580	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.77	354.7	Lg	07:57:48.239	-2.6					T__				---		5551581	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	0.93	244.6	Pg	07:57:41.706	0.2					T__		37.3		---	ML	1.6	5551586	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.93	244.6	Lg	07:57:54.225	-0.4					T__				---		5551587	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
2020/09/01	08:09:14.59	0.96	1.47	47.3958	18.3856	5.8	4.1	158	0.0f		14	11	65	0.09	1.23	sx	BUD	16002010	BUD			109

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	3 BUD	16002010

Sta	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	249.0	Pg	08:09:16.534	-0.5					T__		2543.5		---	ML	2.0	5551619	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	249.0	Lg	08:09:17.954	-1.5					T__				---		5551620	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU08A	0.32	276.6	Lg	08:09:26.922	-0.1					T__				---		5551621	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
A271A	0.39	128.1	Lg	08:09:29.289	-0.5					T__				---		5551622	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MPLH	0.62	248.9	Pg	08:09:27.671	0.4					T__		56.9		---	ML	1.6	5551626	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.62	248.9	Lg	08:09:36.771	0.0					T__				---		5551627	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU10A	0.62	43.4	Lg	08:09:38.337	0.6					T__				---		5551623	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
EGYH	0.72	272.1	Lg	08:09:42.311	2.3					T__				---		5551628	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A266A	0.87	185.5	Lg	08:09:46.442	1.6					T__				---		5551629	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
VYHS	1.14	15.2	Pn	08:09:37.640	0.7					T__		17.3		---	ML	1.4	5551630	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.14	15.2	Lg	08:09:53.341	-1.0					T__				---		5551631	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	1.15	62.3	Sn	08:09:54.590	-0.3					T__				---		5551625	FDSN	GE	--	BUD	iLoc	HHE	???	_	
MORH	1.19	171.4	Sn	08:09:52.013	-3.2					T__				---		5551624	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MODS	1.23	323.1	Pn	08:09:39.127	0.8					T__				---		5551632	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	
2020/09/01	12:30:25.24	0.98	1.18	47.8083	20.1837	12.5	4.5	169	0.0	0.0	9	0	244	0.22	1.13	kx	BUD	16002012	BUD				
2020/09/01	12:30:24.39	0.94	1.27	47.8650	20.1529f				0.0f		9	5	228	0.18	1.08	kx	BUD_GT	16002013	BUD			247	
(locality : Kisnána Hungary)																							

(description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID																					
ML	1.3	0.2	5 BUD	16002013																					
Sta	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	12:30:28.728	-0.1					T__		594.2		---	ML	1.6	5068970	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	12:30:31.858	-0.6					T__				---		5068971	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.36	44.0	Pg	12:30:31.911	-0.3					T__		75.1		---	ML	1.2	5068972	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	12:30:37.329	-1.1					T__				---		5068973	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
JOS	0.68	22.1	Pg	12:30:37.749	-0.3					T__		27.6		---	ML	1.3	5068974	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	12:30:49.663	1.2					T__				---		5068975	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.85	59.0	Pn	12:30:42.205	-0.1					T__		45.5		---	ML	1.6	5068976	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
VYHS	1.08	306.0	Pg	12:30:49.223	2.9					T__		11.2		---	ML	1.2	5068978	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.08	306.0	Lg	12:31:00.927	-1.1					T__				---		5068977	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(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
2020/09/01	19:18:58.61	1.62	0.73	46.9412	21.2345	18.3	12.1	144	8.3	8.5	8	6	114	0.06	1.62	ke	BUD	16002014	BUD		227	

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU24A	0.06	238.8	Pg	19:19:00.568	-0.3					T__		1603.9		---	ML	1.7	5551708	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.06	238.8	Lg	19:19:03.251	0.5					T__				---		5551709	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
AMBH	0.69	210.8	Lg	19:19:22.497	0.0					T__				---		5551715	FDSN	HU	--	BUD	iLoc	HHN	???	_	
DRGR	1.02	97.9	Pn	19:19:18.618	0.7					T__		26.0		---	ML	1.5	5551710	FDSN	RO	--	BUD	iLoc	HHE	HHZ	_
DRGR	1.02	97.9	Lg	19:19:33.012	0.1					T__				---		5551711	FDSN	RO	--	BUD	iLoc	HHE	???	_	
HU02A	1.28	338.1	Sn	19:19:38.499	-0.3					T__				---		5551712	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	1.34	317.5	Sn	19:19:40.215	-0.2					T__				---		5551713	FDSN	GE	--	BUD	iLoc	HHN	???	_	
JOS	1.62	343.5	Sn	19:19:47.909	1.1					T__				---		5551714	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
2020/09/02	08:01:46.24	2.40	1.23	47.9495	19.2010	6.8	3.4	163	0.2	3.6	7	5	130	0.16	1.05	sx	BUD	16002016	BUD		236	

Magnitude	Err	Nsta	Author	OrigID																					
Sta	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	0.16	229.7	Pg	08:01:49.838	-0.0					T__		131.1		---	ML	0.9	5551784	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.16	229.7	Lg	08:01:52.823	-0.1					T__				---		5551785	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

HU03A	0.27	99.5	Lg	08:01:57.939	1.3	T__								5551787	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.47	93.6	Pg	08:01:56.459	0.0	T__				76.5	---	ML	1.5	5551782	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.47	93.6	Lg	08:02:03.035	-0.9	T__								5551783	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	0.60	336.0	Lg	08:02:07.769	0.6	T__								5551786	FDSN	SK	--	BUD	iLoc	HHE	???	_
JOS	1.05	58.1	Lg	08:02:21.817	-1.3	T__								5551788	FDSN	ZJ	--	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
2020/09/02	09:33:48.86	2.76	2.90	47.3812	18.4973	19.1	7.6	123	10.0f	5	4	203	0.16	1.09	sx	BUD	16002018	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	
CSKK	0.16	263.7	Pg	09:33:52.598	-0.2					T__		375.9		---	ML	1.3	5551843	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.16	263.7	Lg	09:33:55.833	-0.3					T__						5551844	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.27	343.2	Lg	09:33:59.285	-0.2					T__						5551845	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.39	277.5	Lg	09:34:04.203	0.8					T__						5551846	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	1.09	59.8	Sn	09:34:29.047	4.0					T__						5551847	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
2020/09/02	09:50:34.38	1.46	0.79	48.5225	20.7734	10.1	4.4	13	0.0f	8	5	225	0.16	0.84	sx	BUD	16002020	BUD			302	

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	4 BUD	16002020

Sta	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	260.3	Pg	09:50:37.407	-0.3					T__		255.0		---	ML	1.1	5551868	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	260.3	Lg	09:50:40.774	0.3					T__						5551869	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.20	258.5	Lg	09:50:42.096	0.3					T__						5551870	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ABAH	0.38	125.9	Pg	09:50:42.300	-0.0					T__		58.0		---	ML	1.1	5551872	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.43	202.6	Pg	09:50:43.246	-0.4					T__		32.0		---	ML	1.0	5551873	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.43	202.6	Lg	09:50:50.275	-0.5					T__						5551871	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
PSZ	0.84	224.5	Pg	09:50:53.761	1.6					T__		31.7		---	ML	1.5	5551874	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.84	224.5	Lg	09:51:04.860	-0.0					T__						5551875	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	
2020/09/03	01:59:10.61	0.90	0.64	47.4081	19.0162	4.6	2.9	128	8.9	6.6	15	10	107	0.08	0.78	ke	BUD	16002022	BUD			157	

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	6 BUD	16002022

Sta	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	0.08	3.9	Pg	01:59:12.932	-0.1	T__	66.1	___	ML	0.3	5551959	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BUD	0.08	3.9	Lg	01:59:15.224	0.1	T__		---			5551960	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.3 magdef=1)																			
(Station ML: 0.3 magdef=0)																			
A271A	0.28	206.1	Pg	01:59:16.292	-0.4	T__	120.7	___	ML	1.2	5551962	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A271A	0.28	206.1	Lg	01:59:21.488	-0.1	T__		---			5551963	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
HU01A	0.42	98.6	Pg	01:59:20.303	0.6	T__	67.8	___	ML	1.3	5551969	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
HU10A	0.44	0.2	Pg	01:59:19.664	-0.1	T__	43.3	___	ML	1.2	5551964	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.44	0.2	Lg	01:59:27.640	0.8	T__		---			5551973	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
MSW1	0.51	268.6	Lg	01:59:29.665	0.1	T__		---			5551961	FDSN	HU	--	BUD	iLoc	HHN	???	_
CSKK	0.52	265.3	Lg	01:59:30.030	0.5	T__		---			5551970	FDSN	HU	--	BUD	iLoc	HHE	???	_
MSW2	0.56	259.4	Lg	01:59:30.205	-0.7	T__		---			5551965	FDSN	HU	--	BUD	iLoc	HHN	???	_
A267A	0.59	218.5	Pg	01:59:22.596	0.2	T__	47.4	___	ML	1.5	5551971	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.59	218.5	Lg	01:59:31.772	0.0	T__		---			5551972	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
MSW3	0.61	268.0	Lg	01:59:33.504	1.1	T__		---			5551966	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.78	49.0	Pg	01:59:26.467	-0.6	T__	56.0	___	ML	1.7	5551967	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.78	49.0	Lg	01:59:37.780	-1.0	T__		---			5551968	FDSN	GE	--	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
2020/09/03	06:34:53.26	2.62	0.29	47.6697	20.3329	15.2	5.1	0	11.2	18.3	9	5	130	0.02	0.47	ke	BUD	16002024	BUD			196

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.7	4 BUD	16002024

Sta	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	146.5	Pg	06:34:55.430	-0.1					T__		4796.2		___	ML	2.0	5552005	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.02	146.5	Lg	06:34:57.427	0.1					T__				---		5552006	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ATAN3	0.06	167.7	Pg	06:34:55.739	-0.1					T__		4822.7		___	ML	2.1	5552007	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATAN3	0.06	167.7	Lg	06:34:58.035	0.2					T__				---		5552008	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU23A	0.06	241.4	Pg	06:34:55.848	-0.1					T__		579.4		___	ML	1.2	5552009	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.06	241.4	Lg	06:34:58.208	0.2					T__				---		5552010	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.39	310.2	Pg	06:35:02.006	0.1					T__		29.9		___	ML	0.8	5552011	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.39	310.2	Lg	06:35:07.631	-0.5					T__				---		5552012	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
HU02A	0.47	15.9	Lg	06:35:10.704	0.1					T__				---		5552013	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
2020/09/03	07:11:37.39	2.26	0.55	47.9442	20.3737	19.5	6.9	145	0.0f		7	4	235	0.21	0.56	sx	BUD	16002026	BUD		338	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	3 BUD	16002026

Sta	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	0.21	29.6	Pg	07:11:42.264	0.1					T__		185.7		___	ML	1.1	5552038	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.21	29.6	Lg	07:11:45.683	-0.4					T__				---		5552039	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.32	265.6	Lg	07:11:49.924	-0.4					T__				---		5552042	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
KECS	0.54	7.9	Pg	07:11:49.127	0.7					T__		93.8		---	ML	1.8	5552044	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.54	7.9	Lg	07:11:56.438	-0.4					T__				---		5552043	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.56	11.3	Pg	07:11:48.951	0.2					T__		30.2		___	ML	1.3	5552040	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.56	11.3	Lg	07:11:56.973	-0.4					T__				---		5552041	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
2020/09/03	08:30:21.45	1.65	0.21	46.1105	18.0844	13.4	5.0	81	0.1	2.8	7	4	186	0.02	1.12	sx	BUD	16002028	BUD		265	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.5	3 BUD	16002028

Sta	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	154.1	Pg	08:30:22.554	-0.0					T__		1319.0		___	ML	1.5	5552092	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.02	154.1	Lg	08:30:23.889	-0.0					T__				---		5552093	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.40	74.8	Pg	08:30:29.846	-0.1					T__		30.5		___	ML	0.9	5552094	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.40	74.8	Lg	08:30:36.506	0.1					T__				---		5552095	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
A266A	0.43	16.7	Pg	08:30:30.515	-0.1					T__		197.8		___	ML	1.8	5552096	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.43	16.7	Lg	08:30:37.813	0.3					T__				---		5552097	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MPLH	1.12	340.7	Sn	08:30:59.779	-0.1					T__				---		5552098	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
2020/09/03	09:05:29.54	0.69	1.13	47.2328	18.3037	6.9	4.7	155	0.0	0.0	11	0	206	0.09	1.28	kx	BUD	16002030	BUD			
2020/09/03	09:05:27.73	0.93	0.74	47.2302	18.2835f				0.0f		11	7	206	0.09	1.29	kx	BUD_GT	16002031	BUD			269

(locality : Iszkaszentgyörgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.1 0.2 4 BUD 16002031

Sta	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	09:05:30.119	-0.0					T__		438.3		---	ML	1.2 5069478	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.09	325.6	Lg	09:05:32.068	-0.5					T__				---		5069479	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
CSKK	0.13	353.3	Pg	09:05:31.220	0.2					T__		203.4		---	ML	1.0 5069480	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:05:34.034	-0.1					T__				---		5069481	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
MSW1	0.16	354.2	Lg	09:05:34.255	-0.9					T__				---		5069488	FDSN	HU	--	BUD	iLoc	HHE	???	_
MSW3	0.19	325.1	Pg	09:05:32.013	-0.0					T__		122.1		---	ML	0.9 5069482	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.19	325.1	Lg	09:05:35.225	-0.7					T__				---		5069483	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
HU08A	0.32	309.6	Lg	09:05:40.143	-0.1					T__				---		5069484	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
MPLH	0.51	263.5	Pg	09:05:38.328	-0.0					T__		38.7		---	ML	1.3 5069486	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.51	263.5	Lg	09:05:48.371	2.0					T__				---		5069485	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
PSZ	1.29	57.1	Sn	09:06:11.588	0.1					T__				---		5069487	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
 2020/09/03 09:56:26.56 0.97 1.52 47.0064 17.8139 5.9 3.6 66 0.0f 8 6 143 0.12 0.98 sx BUD 16002036 BUD 202

Magnitude Err Nsta Author OrigID
 ML 1.6 0.1 3 BUD 16002036

Sta	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	0.12	153.0	Pg	09:56:28.687	-0.9					T__		1233.9		---	ML	1.7 5552274	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
MPLH	0.25	311.2	Pg	09:56:32.198	0.0					T__		260.3		---	ML	1.4 5552270	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.25	311.2	Lg	09:56:36.485	-0.2					T__				---		5552271	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
HU08A	0.43	10.0	Lg	09:56:42.389	-0.7					T__				---		5552275	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
CSKK	0.47	40.3	Pg	09:56:36.988	0.6					T__		109.0		---	ML	1.6 5552272	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.47	40.3	Lg	09:56:44.033	-0.6					T__				---		5552273	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
KOVH	0.94	167.8	Lg	09:57:01.149	2.7					T__				---		5552276	FDSN	HU	--	BUD	iLoc	HHE	???	_
MORH	0.98	143.9	Lg	09:57:01.798	1.4					T__				---		5552277	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
 2020/09/03 09:59:57.25 0.98 1.52 48.2114 16.8918 9.3 4.4 149 6.0f 7 5 150 0.30 1.33 sx BUD 16002038 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			
MODS	0.30	57.6	Pg	10:00:03.730	0.0					T__						5552299	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
MODS	0.30	57.6	Lg	10:00:08.267	-0.5					T__						5552300	FDSN	SK	--	BUD	iLoc	HHE	???	_			
CONA	0.75	248.1	Pg	10:00:12.304	0.2					T__		27.0		ML	1.3	5552302	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_			
CONA	0.75	248.1	Lg	10:00:21.338	-0.6					T__						5552301	FDSN	OE	--	BUD	iLoc	HHE	???	_			
JAVC	0.83	38.3	Pn	10:00:17.460	2.5					T__		39.5		ML	1.6	5552305	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_			
EGYH	0.85	159.4	Lg	10:00:26.037	-0.2					T__						5552303	FDSN	HU	--	BUD	iLoc	HHE	???	_			
ARSA	1.33	224.4	Sn	10:00:41.069	1.5					T__						5552304	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
2020/09/03	10:03:22.31	1.56	0.32	48.2649	21.4979	15.7	14.1	19	0.0	0.0	6	0	327	0.18	0.68	kx	BUD	16002040	BUD			
2020/09/03	10:03:23.11	0.88	2.02	48.2470	21.2460f				0.0f		6	3	260	0.05	0.53	kx	BUD_GT	16002041	BUD			317

(locality : Tállya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	16002041

Sta	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	10:03:25.571	0.9					T__		2442.2		ML	1.8	5552325	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_			
ABAH	0.05	355.1	Lg	10:03:27.876	1.6					T__						5552326	FDSN	HU	--	iLoc	BUD	HHE	???	_			
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																											
HU02A	0.50	255.8	Pn	10:03:35.516	-2.0					T__		32.6		ML	1.2	5552330	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_			
HU02A	0.50	255.8	Lg	10:03:43.288	1.5					T__						5552329	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_			
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																											
JOS	0.53	298.1	Pn	10:03:35.253	-2.7					T__		30.1		ML	1.3	5552327	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_			
JOS	0.53	298.1	Lg	10:03:43.919	1.9					T__						5552328	FDSN	ZJ	--	iLoc	BUD	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
2020/09/03	11:49:42.29	0.93	0.52	48.3443	19.8574	4.9	3.6	165	0.0f		12	7	148	0.43	0.92	sx	BUD	16002042	BUD			229

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	6 BUD	16002042

Sta	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	176.7	Pg	11:49:51.540	-0.1					T__		154.6		ML	1.7	5552363	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_			
PSZ	0.43	176.7	Lg	11:49:58.555	-0.1					T__						5552367	FDSN	GE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																											
KECS	0.44	71.4	Pg	11:49:51.688	0.4					T__		216.9		ML	1.9	5552365	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_			
KECS	0.44	71.4	Lg	11:49:58.013	-0.0					T__						5552366	FDSN	SK	--	BUD	iLoc	EHN	???	_			
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0)																											

HU03A	0.47	201.5	Lg	11:50:00.363	0.7	T__									5552369	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.48	71.3	Pg	11:49:52.079	0.1	T__	111.4								1.7	5552361	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	71.3	Lg	11:49:59.015	-0.3	T__										5552368	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
HU02A	0.50	116.2	Pg	11:49:52.920	0.1	T__	96.1								1.7	5552362	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	116.2	Lg	11:49:59.903	-1.0	T__										5552370	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
VYHS	0.70	282.8	Pg	11:49:56.537	0.1	T__	17.7								1.1	5552364	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.70	282.8	Lg	11:50:06.149	-0.6	T__										5552371	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=0)																								
ABAH	0.92	92.5	Pg	11:50:01.026	0.5	T__	66.9								1.8	5552372	FDSN	HU	--	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	
2020/09/04	08:47:14.88	0.33	1.27	47.5596	18.4321	5.9	2.8	115	0.0	0.0	14	0	119	0.09	1.49	kx	BUD	16002046	BUD				
2020/09/04	08:47:12.92	0.89	0.60	47.5600	18.4573f				0.0f		14	9	120	0.09	1.49	kx	BUD_GT	16002047	BUD			174	
(locality : Tatabánya Hungary)																							
(description : known quarry blast)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	5 BUD	16002047

Sta	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	08:47:15.460	0.1					T__		1703.1			ML	1.8	5552470	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	08:47:17.320	-0.4					T__						5552474	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
MSW1	0.21	218.9	Pg	08:47:17.380	-0.4					T__		168.8			ML	1.1	5552471	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MSW1	0.21	218.9	Lg	08:47:21.318	-0.7					T__						5552475	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CSKK	0.24	214.2	Pg	08:47:17.965	-0.2					T__		202.7			ML	1.3	5552472	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	08:47:22.377	-0.5					T__						5552476	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MSW3	0.29	231.9	Pg	08:47:19.131	0.0					T__		185.7			ML	1.4	5552477	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MSW3	0.29	231.9	Lg	08:47:24.943	0.6					T__						5552478	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW2	0.31	213.1	Pg	08:47:20.089	0.6					T__		81.9			ML	1.1	5552473	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MSW2	0.31	213.1	Lg	08:47:24.553	-0.6					T__						5552479	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
MPLH	0.74	238.3	Lg	08:47:39.901	1.0					T__						5552480	FDSN	HU	--	iLoc	BUD	HHN	???	_	
VYHS	0.97	15.1	Lg	08:47:46.011	-0.8					T__						5552482	FDSN	SK	--	iLoc	BUD	HHE	???	_	
PSZ	1.03	69.2	Lg	08:47:50.995	0.7					T__						5552481	FDSN	GE	--	iLoc	BUD	HHE	???	_	
KOVH	1.49	189.6	Sn	08:48:00.292	-0.7					T__						5552483	FDSN	HU	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/04	08:54:29.96	1.92	0.14	45.9235	18.3756	22.4	6.7	171	0.0	0.0	4	0	278	0.25	0.35	kx	BUD	16002048	BUD			
2020/09/04	08:54:30.99	1.05	0.32	46.1765	18.2926f				0.0f		4	2	204	0.16	0.25	kx	BUD_GT	16002049	BUD			360

(locality : Komló Hungary)

(description : known quarry blast)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	2 BUD	16002049

Sta	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	08:54:34.747	-0.1					T__		459.3		___	ML	1.4	5552508	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:54:37.719	-0.2					T__				---		5552509	FDSN	HU	--	iLoc	BUD	HHN	???	_	

(Reading ML: 1.4 magdef=1)

(Station ML: 1.4 magdef=1)

MORH	0.25	80.9	Pg	08:54:36.864	0.4					T__		212.3		___	ML	1.3	5552506	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:54:40.585	-0.3					T__				---		5552507	FDSN	HU	--	iLoc	BUD	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
2020/09/04	09:39:28.17	1.72	1.56	47.2798	18.2843	14.7	5.0	137	10.0f		9	7	127	0.08	1.27	sx	BUD	16002050	BUD			199

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	0.08	349.0	Pg	09:39:30.236	-0.6					T__		469.5		___	ML	1.2	5552531	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	349.0	Lg	09:39:32.380	-0.9					T__				---		5552532	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.29	301.9	Lg	09:39:39.035	-0.2					T__				---		5552538	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU09A	0.37	10.5	Lg	09:39:43.860	1.8					T__				---		5552533	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.52	258.1	Pg	09:39:38.761	0.0					T__		77.7		___	ML	1.6	5552539	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.52	258.1	Lg	09:39:47.200	0.7					T__				---		5552534	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.20	186.1	Sn	09:40:06.478	0.2					T__				---		5552537	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.26	59.0	Sn	09:40:11.054	2.4					T__				---		5552536	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.27	16.8	Sn	09:40:10.791	1.9					T__				---		5552535	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
2020/09/04	11:13:16.80	3.03	1.11	47.8788	16.0197	26.9	7.2	79	9.0f		5	3	149	0.12	0.98	sx	BUD	16002054	BUD			273

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	
CONA	0.12	295.0	Pg	11:13:19.907	0.0					T__		395.9		___	ML	1.2	5552625	FDSN	OE	--	BUD	iLoc	HHN	HHZ	_
CONA	0.12	295.0	Lg	11:13:22.004	-0.1					T__				---		5552626	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.71	208.3	Pg	11:13:30.157	-0.5					T__		60.9		___	ML	1.7	5552628	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.71	208.3	Lg	11:13:40.322	0.6					T__				---		5552627	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
MODS	0.98	59.1	Sn	11:13:51.944	1.3					T__				---		5552629	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
2020/09/05	03:54:31.12	2.36	0.25	47.6692	20.3421	10.8	9.8	161	11.3	14.3	6	4	149	0.02	0.47	ke	BUD	16002056	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	
TENKA	0.02	165.1	Pg	03:54:33.284	-0.1					T__		794.7		---	ML	1.2	5552649	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.02	165.1	Lg	03:54:35.289	0.1					T__				---		5552650	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ATAN3	0.06	173.6	Pg	03:54:33.588	-0.1					T__		803.6		---	ML	1.4	5552651	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATAN3	0.06	173.6	Lg	03:54:35.866	0.2					T__				---		5552652	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU23A	0.07	244.3	Lg	03:54:36.078	0.1					T__				---		5552653	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.47	15.1	Lg	03:54:48.564	0.2					T__				---		5552654	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
2020/09/05	18:51:37.83	1.19	1.29	48.4315	22.6611	8.5	5.9	63	14.2	16.0	22	15	166	0.31	1.92	ke	BUD	16002058	BUD		225	

Magnitude Err Nsta Author OrigID

ML 2.1 0.3 8 BUD 16002058

Sta	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	0.31	195.2	Pg	18:51:44.621	0.2					T__		910.3		---	ML	2.1	5552695	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.31	195.2	Lg	18:51:49.349	-0.5					T__				---		5552696	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																					
KOLS	0.56	333.0	Pg	18:51:49.023	0.2					T__		53806.3		---	ML	4.5	5552701	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 4.5 magdef=1 Station ML: 4.5 magdef=0)																					
HU07A	0.67	228.2	Pn	18:51:51.897	0.0					T__		482.5		---	ML	2.6	5552699	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.67	228.2	Lg	18:52:02.377	1.1					T__				---		5552700	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1)																					
BMR	0.94	143.2	Pg	18:51:55.802	-0.4					T__		860.8		---	ML	3.0	5552697	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BMR	0.94	143.2	Lg	18:52:08.624	-0.9					T__				---		5552698	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 3.0 magdef=1 Station ML: 3.0 magdef=1)																					
ABAH	0.96	262.4	Pg	18:51:55.967	-0.5					T__		122.2		---	ML	2.1	5552702	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
ABAH	0.96	262.4	Lg	18:52:09.255	-1.0					T__				---		5552703	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																					
LTVH	1.17	206.3	Lg	18:52:17.818	1.0					T__				---		5552704	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU05A	1.35	229.9	Lg	18:52:22.901	-0.1					T__				---		5552705	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	1.41	273.4	Pn	18:52:02.409	0.2					T__		29.8		---	ML	1.8	5552706	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.41	273.4	Lg	18:52:24.804	0.4					T__				---		5552707	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																					
KECS	1.45	272.9	Sn	18:52:24.868	2.7					T__				---		5552708	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	1.46	258.6	Pn	18:52:02.930	-0.1					T__		32.4		---	ML	1.8	5552709	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.46	258.6	Sn	18:52:24.858	2.2					T__				---		5552710	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																					

DRGR	1.64	178.8	Pn	18:52:06.521	0.7	T__	42.4	___	ML	2.0	5552711	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.64	178.8	Sn	18:52:27.693	0.2	T__		---			5552712	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
ATAN3	1.75	243.0	Lg	18:52:35.061	-1.4	T__		---			5552714	FDSN	HU	--	BUD	iLoc	HHE	???	_
ARCR	1.77	139.1	Lg	18:52:34.493	-0.6	T__		---			5552713	FDSN	RO	--	BUD	iLoc	HHE	???	_
HU23A	1.80	244.8	Lg	18:52:37.345	-0.9	T__		---			5552715	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	1.92	255.5	Lg	18:52:40.204	-3.0	T__		---			5552716	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
2020/09/07	06:24:07.28	1.01	1.26	48.3052	21.4749	9.4	3.9	173	0.0f		11	6	147	0.16	1.13	sx	BUD	16002060	BUD			210

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	16002060

Sta	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	266.8	Pg	06:24:11.781	0.9					T__		530.6		___	ML	1.5	5552798	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.16	266.8	Lg	06:24:14.287	0.1					T__				---		5552799	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.65	287.4	Pg	06:24:20.559	0.3					T__		27.8		___	ML	1.3	5552800	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	287.4	Lg	06:24:29.969	-0.2					T__				---		5552801	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU02A	0.66	254.3	Pg	06:24:20.209	-0.9					T__		36.1		___	ML	1.4	5552802	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.66	254.3	Lg	06:24:30.127	-1.4					T__				---		5552803	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
TRPA	0.73	103.4	Pg	06:24:22.405	0.8					T__		44.8		___	ML	1.6	5552808	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.73	103.4	Lg	06:24:32.852	-1.2					T__				---		5552804	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOLS	0.82	39.8	Pg	06:24:23.300	0.2					T__		11711.9		___	ML	4.0	5552805	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.82	39.8	Lg	06:24:33.767	-2.6					T__				---		5552806	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 4.0 magdef=1)																									
(Station ML: 4.0 magdef=0)																									
PSZ	1.13	250.5	Sn	06:24:46.868	-0.2					T__				---		5552807	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
2020/09/07	06:35:34.32	1.00	1.78	46.0074	22.8436	8.9	4.3	84	0.0f		9	6	107	0.13	0.94	sx	BUD	16002062	BUD			168

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	3 BUD	16002062

Sta	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	161.4	Pg	06:35:36.421	-0.4					T__		1125.0		___	ML	1.7	5552840	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.13	161.4	Lg	06:35:39.287	0.6					T__				---		5552841	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
GZR	0.62	184.4	Pg	06:35:45.902	-0.3					T__		103.1		___	ML	1.9	5552842	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_

GZR	0.62	184.4	Lg	06:35:55.133	0.2	T__									5552843	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
DRGR	0.79	353.4	Pg	06:35:50.564	0.4	T__					84.5			ML	1.9	5552838	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.79	353.4	Lg	06:35:58.559	-3.8	T__									5552839	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
LOT	0.86	130.4	Lg	06:36:04.417	1.1	T__									5552845	FDSN	RO	--	BUD	iLoc	HHE	???	_	
CJR	0.88	36.2	Lg	06:36:06.385	1.1	T__									5552844	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.94	246.0	Lg	06:36:07.020	1.0	T__									5552846	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
2020/09/07	07:53:23.34	1.55	1.22	48.7956	19.3426	12.6	4.5	70	0.0f		10	6	215	0.36	1.04	sx	BUD	16002064	BUD		247	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	4 BUD	16002064

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
LANS	0.36	13.0	Pg	07:53:30.659	0.0					T__		153.8			ML	1.5	5552879	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.36	13.0	Lg	07:53:35.472	-0.2					T__						5552880	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.82	112.0	Lg	07:53:49.648	-2.2					T__						5552881	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.85	110.3	Pg	07:53:41.835	1.7					T__		58.8			ML	1.7	5552875	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.85	110.3	Lg	07:53:51.671	-1.1					T__						5552876	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	0.89	44.9	Lg	07:53:53.267	0.6					T__						5552882	FDSN	PL	--	BUD	iLoc	BHN	???	_	
PSZ	0.95	157.0	Pn	07:53:43.702	0.5					T__		72.4			ML	1.9	5552877	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.95	157.0	Lg	07:53:56.747	-0.7					T__						5552878	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU02A	1.04	130.1	Pn	07:53:43.912	-0.4					T__		33.2			ML	1.6	5552873	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.04	130.1	Lg	07:53:59.140	-0.3					T__						5552874	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
2020/09/07	09:09:37.20	2.06	0.88	47.5608	17.7913	15.6	5.3	150	9.0f		5	3	235	0.16	0.43	sx	BUD	16002066	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	
HU08A	0.16	145.2	Pg	09:09:41.493	0.6					T__		608.6			ML	1.5	5552916	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.16	145.2	Lg	09:09:43.518	-0.5					T__						5552917	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.41	78.8	Lg	09:09:51.725	-0.7					T__						5552920	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.43	203.7	Pg	09:09:46.279	0.3					T__		64.9			ML	1.3	5552918	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.43	203.7	Lg	09:09:51.881	-0.6					T__						5552919	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
2020/09/07	09:21:29.05	3.76	0.87	46.0207	22.7952	24.0	12.8	158	0.0f	6	3	308	0.16	0.89	sx	BUD	16002068	BUD			338	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	16002068

Sta	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	151.2	Pg	09:21:31.736	-0.3					T__		464.3		___	ML	1.4	5552946	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.16	151.2	Lg	09:21:34.541	0.3					T__				---		5552941	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
GZR	0.63	181.2	Pg	09:21:41.103	-0.0					T__		39.7		___	ML	1.4	5552942	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.63	181.2	Lg	09:21:50.360	0.3					T__				---		5552943	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
LOT	0.89	129.7	Pg	09:21:46.823	0.7					T__		42.4		___	ML	1.6	5552944	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.89	129.7	Lg	09:21:57.948	-1.2					T__				---		5552945	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
2020/09/07	09:53:00.42	1.07	2.25	48.4262	21.3495	9.6	4.5	132	0.0f	7	5	159	0.15	0.80	sx	BUD	16002070	BUD			291	

Magnitude	Err	Nsta	Author	OrigID

Sta	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	209.4	Pg	09:53:04.041	0.2					T__		115.2		___	ML	0.8	5552968	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.15	209.4	Lg	09:53:06.500	-0.5					T__				---		5552969	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.54	277.7	Lg	09:53:19.177	-0.4					T__				---		5552971	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
KECS	0.58	276.0	Lg	09:53:19.916	-0.9					T__				---		5552974	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.63	241.4	Lg	09:53:24.700	1.2					T__				---		5552970	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOLS	0.80	50.0	Pg	09:53:16.544	0.9					T__		6688.3		___	ML	3.8	5552973	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.80	50.0	Lg	09:53:24.460	-4.1					T__				---		5552972	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	
2020/09/07	12:18:03.19	1.92	0.06	48.2063	19.8441	21.1	7.4	136	0.0	0.0	4	0	286	0.29	0.46	kx	BUD	16002072	BUD				
2020/09/07	12:18:04.21	1.06	0.31	47.8650	20.1529f				0.0f	4	2	243	0.18	0.36	kx	BUD_GT	16002073	BUD				360	

(locality : Kisnána Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.3	2 BUD	16002073

Sta	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	12:18:08.933	0.2					T__		268.9		___	ML	1.2	5552993	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	12:18:12.023	-0.3					T__				---		5552994	FDSN	GE	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.36	44.0	Pg	12:18:12.076	0.0					T__		39.6		___	ML	0.9	5552991	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_

HU02A 0.36 44.0 Lg 12:18:17.849 -0.4 T__ --- 5552992 FDSN ZJ 00 iLoc BUD 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
2020/09/07	12:21:04.22	4.14	1.36	48.6023	20.1461	24.1	16.8	123	10.0f	4	3	319	0.26	0.54	sx	BUD	16002074	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	
KECS	0.26	117.7	Lg	12:21:14.872	1.0					T__					5553010	FDSN	SK	--	BUD	iLoc	EHN	???	_		
JOS	0.28	112.0	Pg	12:21:10.214	0.0					T__	123.6			---	ML	1.2	5553012	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.28	112.0	Lg	12:21:13.797	-0.9					T__				---		5553011	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
HU02A	0.54	152.1	Lg	12:21:23.584	-0.2					T__				---		5553013	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	
2020/09/08	01:08:12.79	0.92	0.77	45.9292	16.0259	6.7	6.4	88	9.0f	9	5	120	0.05	1.45	ke	BUD	16002076	BUD			187		

Magnitude Err Nsta Author OrigID
 ML 1.6 0.3 4 BUD 16002076

Sta	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	0.05	241.2	Pg	01:08:14.680	-0.4					T__	1298.7			---	ML	1.5	5553035	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.05	241.2	Lg	01:08:15.745	-1.2					T__				---		5553036	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																					
ZAG	0.11	194.9	Pg	01:08:15.613	0.1					T__	3922.4			---	ML	2.2	5553037	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.11	194.9	Lg	01:08:17.678	0.1					T__				---		5553038	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																					
CRES	0.41	255.6	Pg	01:08:21.833	0.9					T__	54.3			---	ML	1.2	5553041	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.41	255.6	Lg	01:08:27.540	0.4					T__				---		5553042	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																					
KOGS	0.54	16.6	Pn	01:08:26.357	-0.3					T__	60.0			---	ML	1.6	5553039	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.54	16.6	Sn	01:08:36.351	0.5					T__				---		5553040	FDSN	SL	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																					
KOVH	1.45	83.0	Lg	01:09:00.053	0.7					T__				---		5553043	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	
2020/09/08	01:36:25.19	0.88	0.80	48.7449	19.2480	6.9	3.6	124	10.0f	10	5	151	0.37	1.05	ke	BUD	16002078	BUD			238		

Magnitude Err Nsta Author OrigID
 ML 1.3 0.2 5 BUD 16002078

Sta	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	227.6	Pg	01:36:32.903	-0.1					T__	15.4			---	ML	0.5	5553081	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.37	227.6	Lg	01:36:38.725	0.0					T__				---		5553082	FDSN	SK	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=0
LANS 0.43 19.6 Pg 01:36:34.007 0.0 T__ 49.3 ___ ML 1.2 5553079 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 0.43 19.6 Lg 01:36:39.602 -0.4 T__ ___ 5553080 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
JOS 0.89 105.7 Pn 01:36:43.270 0.5 T__ 22.0 ___ ML 1.3 5553073 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.89 105.7 Lg 01:36:54.816 -0.2 T__ ___ 5553074 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.93 152.2 Pn 01:36:44.651 1.1 T__ 41.4 ___ ML 1.6 5553075 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.93 152.2 Lg 01:36:57.565 -0.4 T__ ___ 5553076 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
HU02A 1.05 125.8 Pn 01:36:46.640 1.5 T__ 25.6 ___ ML 1.5 5553077 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.05 125.8 Sn 01:37:00.589 -0.5 T__ ___ 5553078 FDSN ZJ 00 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
2020/09/08 06:58:05.60 0.83 1.31 48.4076 18.6293 5.2 4.2 3 10.0f 14 9 90 0.16 1.30 sx BUD 16002080 BUD 128

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 6 BUD 16002080

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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 0.16 57.8 Pg 06:58:09.163 -0.4 T__ 208.0 ___ ML 1.1 5553119 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.16 57.8 Lg 06:58:11.990 -0.5 T__ ___ 5553120 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
A338A 0.43 205.3 Lg 06:58:21.929 0.1 T__ ___ 5553125 FDSN Z3 00 BUD iLoc HH3 ??? _
HU10A 0.62 155.0 Lg 06:58:27.293 -0.8 T__ ___ 5553126 FDSN ZJ 00 BUD iLoc HHZ ??? _
JAVC 0.78 305.8 Pg 06:58:21.379 -0.1 T__ 69.0 ___ ML 1.8 5553121 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.78 305.8 Lg 06:58:32.925 -0.3 T__ ___ 5553122 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 0.90 268.3 Pn 06:58:24.943 1.4 T__ ___ 5553123 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.90 268.3 Lg 06:58:36.554 -0.7 T__ ___ 5553124 FDSN SK -- BUD iLoc HHN ??? _
LANS 0.93 36.4 Pg 06:58:24.238 0.2 T__ 74.4 ___ ML 1.9 5553127 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
PSZ 0.98 119.6 Pn 06:58:26.264 1.8 T__ 55.4 ___ ML 1.8 5553129 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.98 119.6 Sn 06:58:37.625 -2.1 T__ ___ 5553128 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 1.27 85.3 Pn 06:58:30.068 1.7 T__ 28.6 ___ ML 1.7 5553130 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 1.30 102.0 Pn 06:58:30.965 2.1 T__ 25.1 ___ ML 1.6 5553131 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.30 102.0 Sn 06:58:48.165 0.8 T__ ___ 5553132 FDSN ZJ 00 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
2020/09/08	08:35:43.52	0.29	0.98	47.9579	20.0493	3.7	2.9	6	0.0	0.0	13	0	92	0.11	0.97	kx	BUD	16002082	BUD			
2020/09/08	08:35:40.66	0.88	2.57	47.8650	20.1529f				0.0f		13	9	105	0.18	1.08	kx	BUD_GT	16002083	BUD			125

(locality : Kisnána Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.5	4 BUD	16002083

Sta	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	08:35:44.390	-0.8					T__		3307.1		___	ML	2.3	5070506	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	08:35:46.474	-2.3					T__				---		5070507	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
HU23A	0.24	163.9	Lg	08:35:54.653	4.3					T__				---		5070512	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TENKA	0.25	147.9	Lg	08:35:55.296	4.6					T__				---		5070513	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ATAN3	0.29	152.0	Lg	08:35:56.334	4.2					T__				---		5070514	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.36	44.0	Pg	08:35:48.466	-0.0					T__		249.9		---	ML	1.7	5070510	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	08:35:54.778	0.1					T__				---		5070511	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU03A	0.37	276.2	Lg	08:35:54.331	-0.4					T__				---		5070505	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.68	22.1	Lg	08:36:05.286	0.5					T__				---		5070515	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
HU10A	0.76	268.9	Pg	08:35:56.063	-0.4					T__		147.6		---	ML	2.1	5070516	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.76	268.9	Lg	08:36:06.570	-2.1					T__				---		5070517	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
VYHS	1.08	306.0	Pn	08:36:01.761	-0.4					T__		18.1		---	ML	1.4	5070508	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.08	306.0	Lg	08:36:15.043	-3.3					T__				---		5070509	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
2020/09/08	09:04:30.63	1.06	0.73	47.6097	16.3956	8.0	4.3	166	0.0f		12	6	182	0.13	1.45	sx	BUD	16002084	BUD			239

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD	16002084

Sta	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	0.13	56.1	Pg	09:04:33.543	-0.1					T__		148.3		---	ML	0.8	5553247	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.13	56.1	Lg	09:04:36.390	0.4					T__				---		5553248	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
CONA	0.48	311.7	Pg	09:04:39.796	-0.5					T__		52.6		---	ML	1.4	5553239	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.48	311.7	Lg	09:04:46.450	-0.3					T__				---		5553240	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ARSA	0.69	239.1	Pg	09:04:44.399	0.4					T__		43.4		---	ML	1.5	5553241	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

ARSA 0.69 239.1 Lg 09:04:51.789 -1.0 T__ --- 5553242 FDSN OE -- BUD iLoc HHN ??? _
 (Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1
 A013A 0.81 304.6 Pg 09:04:45.898 -0.3 T__ 48.0 --- ML 1.6 5553243 FDSN Z3 00 BUD iLoc HHZ HHZ _
 A013A 0.81 304.6 Lg 09:04:57.312 0.7 T__ --- 5553244 FDSN Z3 00 BUD iLoc HHN ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 A018A 0.90 279.0 Pg 09:04:49.238 1.1 T__ 33.7 --- ML 1.5 5553245 FDSN Z3 00 BUD iLoc HHZ HHZ _
 A018A 0.90 279.0 Lg 09:05:00.232 0.8 T__ --- 5553246 FDSN Z3 00 BUD iLoc HHZ ??? _
 (Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1
 KRUC 1.45 360.0 Pn 09:04:56.883 -0.7 T__ 33.1 --- ML 1.8 5553250 FDSN CZ -- BUD iLoc HHZ HHZ _
 KRUC 1.45 360.0 Sn 09:05:17.042 -0.3 T__ --- 5553249 FDSN CZ -- 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
2020/09/08	09:37:03.66	2.07	0.18	47.3686	18.3447	23.3	6.7	156	2.6	25.3	6	5	126	0.06	1.17	sx	BUD	16002086	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	
CSKK	0.06	264.5	Pg	09:37:05.225	-0.0					T__		1344.1		---	ML	1.6	5553276	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	264.5	Lg	09:37:06.737	-0.0					T__				---		5553277	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU08A	0.29	282.5	Lg	09:37:14.585	0.0					T__				---		5553280	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU10A	0.66	43.5	Lg	09:37:27.475	0.0					T__				---		5553281	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.17	169.8	Sn	09:37:42.689	0.1					T__				---		5553279	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VYHS	1.17	16.2	Sn	09:37:43.268	-0.2					T__				---		5553278	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
2020/09/08	10:02:12.07	0.95	1.00	48.1398	16.9817	11.4	3.6	146	0.0f		11	8	138	0.10	1.29	sx	BUD	16002088	BUD		172	

Magnitude Err Nsta Author OrigID

ML 1.6 0.2 4 BUD 16002088

Sta	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	0.10	55.1	Pg	10:02:14.666	-0.0					T__		92403.6		---	ML	3.5	5553307	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.10	55.1	Lg	10:02:16.902	-0.1					T__				---		5553308	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.31	40.1	Pg	10:02:18.217	-0.6					T__				---		5553305	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.31	40.1	Lg	10:02:22.846	-1.3					T__				---		5553306	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A004A	0.43	245.9	Lg	10:02:27.153	0.4					T__				---		5553310	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
SOP	0.54	212.1	Lg	10:02:30.191	-0.1					T__				---		5553311	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	0.78	254.7	Pg	10:02:27.448	-0.1					T__		33.8		---	ML	1.5	5553312	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.78	254.7	Lg	10:02:36.943	-0.9					T__				---		5553313	FDSN	OE	--	BUD	iLoc	HHE	???	_	
JAVC	0.85	32.2	Pg	10:02:31.367	1.8					T__		54.4		---	ML	1.7	5553309	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_

(Station ML: 1.7 magdef=1
 AO13A 1.06 266.5 Lg 10:02:45.668 -0.5 T__
 VVHS 1.29 73.3 Pn 10:02:37.925 1.2 T__ 22.1 --- ML 1.6 5553315 FDSN SK -- 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
2020/09/08	11:19:26.99	2.57	0.20	47.6711	20.3639	11.5	7.4	12	14.5	15.5	8	5	174	0.02	0.46	ke	BUD	16002090	BUD		239	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.9	3 BUD	16002090

Sta	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	212.6	Pg	11:19:29.870	-0.0					T__		1705.1		---	ML	1.6 5553341	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.02	212.6	Lg	11:19:31.909	-0.1					T__				---		5553342	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																								
ATAN3	0.06	188.0	Pg	11:19:30.081	-0.0					T__		5821.4		---	ML	2.2 5553345	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATAN3	0.06	188.0	Lg	11:19:32.409	0.0					T__				---		5553346	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																								
HU23A	0.08	247.5	Pg	11:19:30.459	0.1					T__		282.7		---	ML	1.0 5553343	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.08	247.5	Lg	11:19:32.996	0.1					T__				---		5553344	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																								
PSZ	0.40	308.2	Lg	11:19:42.213	-0.3					T__				---		5553347	FDSN	GE	--	BUD	iLoc	HHN	???	_
HU02A	0.46	13.4	Lg	11:19:44.355	0.2					T__				---		5553348	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
2020/09/08	13:48:21.38	1.96	0.46	47.6959	16.0872	15.6	4.7	98	0.0f		12	7	171	0.28	1.38	ke	BUD	16002092	BUD		212	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	5 BUD	16002092

Sta	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	0.28	326.9	Pg	13:48:26.949	-0.1					T__		83.1		---	ML	1.0 5553400	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	326.9	Lg	13:48:30.552	-0.5					T__				---		5553401	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=0																								
ARSA	0.59	220.9	Pg	13:48:32.874	0.1					T__		71.7		---	ML	1.7 5553406	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.59	220.9	Lg	13:48:39.752	-0.4					T__				---		5553407	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								
A013A	0.59	309.0	Pg	13:48:33.254	0.5					T__		113.2		---	ML	1.9 5553404	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	309.0	Lg	13:48:40.467	0.1					T__				---		5553405	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0																								
A019A	0.72	250.1	Lg	13:48:44.834	0.0					T__				---		5553408	FDSN	Z3	00	BUD	iLoc	HH2	???	_
A008A	0.73	336.7	Pg	13:48:35.970	0.5					T__		90.8		---	ML	1.9 5553402	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.73	336.7	Lg	13:48:45.359	-0.2					T__				---		5553403	FDSN	Z3	00	BUD	iLoc	HH2	???	_

(Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1
 MODS 1.05 49.2 Sn 13:48:59.343 0.8 T__
 KRUC 1.38 8.4 Pn 13:48:47.824 0.4 T__ 40.1 --- ML 1.9 5553410 FDSN CZ -- BUD iLoc HHZ HHZ _
 KRUC 1.38 8.4 Sn 13:49:06.063 -0.2 T__ --- 5553411 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
2020/09/09	07:40:34.54	1.14	1.07	48.1064	21.3175	6.7	4.9	173	0.0f	10	5	171	0.20	0.97	sx	BUD	16002094	BUD			274	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD	16002094

Sta	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	0.20	344.7	Pg	07:40:39.153	0.2					T__		313.8		---	ML	1.3	5553487	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.20	344.7	Lg	07:40:42.720	-0.1					T__				---		5553488	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0																									
HU02A	0.53	272.0	Pg	07:40:46.428	0.6					T__		48.4		---	ML	1.5	5553489	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.53	272.0	Lg	07:40:51.873	-2.5					T__				---		5553490	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
JOS	0.65	307.2	Pg	07:40:48.039	0.5					T__		40.1		---	ML	1.5	5553485	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	307.2	Lg	07:40:57.343	-0.1					T__				---		5553486	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
TRPA	0.82	87.9	Pg	07:40:50.796	0.2					T__		61.4		---	ML	1.7	5553492	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.82	87.9	Lg	07:41:03.512	-0.9					T__				---		5553491	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
PSZ	0.97	259.4	Pg	07:40:55.287	0.2					T__		59.6		---	ML	1.8	5553493	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.97	259.4	Lg	07:41:09.950	0.3					T__				---		5553494	FDSN	GE	--	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
2020/09/09	08:30:51.68	2.64	1.19	48.0881	20.5809	19.5	5.3	122	0.0f	8	5	253	0.05	1.23	sx	BUD	16002096	BUD			293	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	3 BUD	16002096

Sta	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	0.05	312.3	Pg	08:30:52.905	-0.4					T__		659.0		---	ML	1.3	5553522	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.05	312.3	Lg	08:30:56.156	1.2					T__				---		5553523	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
KECS	0.40	350.9	Lg	08:31:06.565	0.4					T__				---		5553524	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.41	356.1	Pg	08:30:59.983	-0.0					T__		62.3		---	ML	1.2	5553525	FDSN	ZJ	--	BUD	iLoc	HHE	HHZ	_
JOS	0.41	356.1	Lg	08:31:06.364	-0.1					T__				---		5553526	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.49 250.0 Pg 08:31:02.910 0.5 T__ 60.7 ___ ML 1.4 5553528 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.49 250.0 Lg 08:31:09.344 -1.0 T__ ___ 5553527 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 1.23 289.9 Sn 08:31:31.714 -2.1 T__ ___ 5553529 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
2020/09/09 09:23:07.81 0.86 0.74 48.4016 19.1043 5.8 2.9 29 0.0f 15 8 146 0.20 1.06 sx BUD 16002098 BUD 150

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Magnitude Err Nsta Author OrigID
ML 1.9 0.0 7 BUD 16002098

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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 0.20 297.5 Pg 09:23:12.507 0.4 T__ 287.1 ___ ML 1.3 5553592 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.20 297.5 Lg 09:23:15.775 0.3 T__ ___ 5553593 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU10A 0.56 185.9 Lg 09:23:26.855 -1.6 T__ ___ 5553594 FDSN ZJ 00 BUD iLoc HHE ??? _
HU03A 0.60 146.2 Pg 09:23:21.101 0.7 T__ 115.3 ___ ML 1.9 5553595 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.60 146.2 Lg 09:23:29.919 0.5 T__ ___ 5553596 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.72 132.1 Pg 09:23:23.705 0.6 T__ 92.9 ___ ML 1.9 5553590 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.72 132.1 Lg 09:23:34.015 -0.0 T__ ___ 5553591 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.92 84.4 Pg 09:23:26.545 0.4 T__ 348.1 ___ ML 2.6 5553584 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.92 84.4 Lg 09:23:39.696 -0.2 T__ ___ 5553585 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
JOS 0.96 83.8 Pg 09:23:26.624 -0.2 T__ 60.0 ___ ML 1.8 5553586 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.96 83.8 Lg 09:23:40.300 -0.9 T__ ___ 5553587 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.99 105.9 Pn 09:23:27.755 -0.3 T__ 47.2 ___ ML 1.7 5553588 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.99 105.9 Lg 09:23:42.142 -1.0 T__ ___ 5553589 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JAVC 1.06 296.2 Pg 09:23:29.353 0.1 T__ 63.2 ___ ML 1.9 5553597 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.06 296.2 Lg 09:23:44.607 -0.7 T__ ___ 5553598 FDSN CZ -- 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
2020/09/09 10:07:01.56 1.65 1.03 48.5673 20.7955 9.0 3.9 5 0.0 3.3 14 8 124 0.18 1.30 sx BUD 16002100 BUD 188

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 8 BUD 16002100

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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	247.3	Pg	10:07:05.757	0.3					T__		558.0		___	ML	1.6	5553641	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	247.3	Lg	10:07:08.742	0.2					T__				---		5553642	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.22	247.9	Pg	10:07:06.283	0.1					T__		2483.8		___	ML	2.3	5553643	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
ABAH	0.40	132.4	Pg	10:07:10.412	0.6					T__		83.3		___	ML	1.3	5553644	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	132.4	Lg	10:07:14.633	-2.2					T__				---		5553645	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU02A	0.48	202.2	Pg	10:07:11.768	0.0					T__		61.7		___	ML	1.4	5553648	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	202.2	Lg	10:07:19.720	0.2					T__				---		5553649	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.89	223.2	Pg	10:07:19.827	-0.4					T__		70.0		___	ML	1.8	5553646	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.89	223.2	Lg	10:07:33.241	-0.3					T__				---		5553647	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOLS	1.04	68.9	Pn	10:07:24.288	1.7					T__		6469.0		___	ML	3.9	5553650	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_
KOLS	1.04	68.9	Lg	10:07:38.016	0.3					T__				---		5553651	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.9 magdef=1)																									
(Station ML: 3.9 magdef=0)																									
LANS	1.05	304.1	Pg	10:07:21.964	-0.4					T__		65.2		___	ML	1.9	5553652	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
VYHS	1.30	267.5	Pn	10:07:26.852	0.7					T__		20.2		___	ML	1.5	5553653	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	267.5	Sn	10:07:44.447	-1.2					T__				---		5553654	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	
2020/09/10	08:27:12.50	1.21	0.48	47.6491	19.0382	12.9	6.6	23	0.0	0.0	9	0	291	0.20	1.31	kx	BUD	16002102	BUD				
2020/09/10	08:27:13.75	0.93	0.85	47.8355	19.1270f				0.0f		9	5	197	0.07	1.15	kx	BUD_GT	16002103	BUD			333	

(locality : Sejce-Vác Hungary)

(description : known quarry blast)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	16002103

Sta	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	08:27:16.450	0.7					T__		2112.0		___	ML	1.8	5071007	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	08:27:18.353	0.7					T__				---		5071008	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	0.33	77.7	Lg	08:27:27.190	1.0					T__				---		5071009	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.6	Pg	08:27:23.845	-1.3					T__		58.4		___	ML	1.5	5071005	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	08:27:32.761	-0.8					T__				---		5071006	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									


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HU02A  0.98 72.5 Pg      08:27:34.208  0.2      T__      36.3      ___ ML      1.6 5071003  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU02A  0.98 72.5 Lg      08:27:48.594 -1.0      T__      ___      ___      5071004  FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS    1.15 54.5 Pg      08:27:36.759  0.2      T__      36.5      ___ ML      1.7 5071001  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS    1.15 54.5 Lg      08:27:53.775 -0.6      T__      ___      ___      5071002  FDSN ZJ      -- 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
2020/09/10 08:49:07.34  0.29  1.24 48.2762  21.2442  3.7  3.3  3  0.0  0.0  16  0  86  0.02  1.30  kx  BUD      16002104  BUD
2020/09/10 08:49:05.58  0.88  1.09 48.2470  21.2460f  0.0f  16  9  88  0.05  1.33  kx  BUD_GT  16002105  BUD
(locality : Tálya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude  Err Nsta Author      OrigID
ML         2.1 0.2   8 BUD      16002105

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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  0.05 355.1 Pg      08:49:06.820 -0.3      T__      17816.8  ___ ML      2.7 5071048  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
ABAH  0.05 355.1 Lg      08:49:07.964 -0.8      T__      ___      ___      5071049  FDSN HU      -- BUD  iLoc  HHE ???  _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
HU02A  0.50 255.8 Pg      08:49:15.157 -1.0      T__      149.2      ___ ML      1.9 5071050  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU02A  0.50 255.8 Lg      08:49:23.416 -0.8      T__      ___      ___      5071051  FDSN ZJ      00 BUD  iLoc  HHZ ???  _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
JOS    0.53 298.1 Pg      08:49:16.078 -0.2      T__      127.9      ___ ML      1.9 5071052  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS    0.53 298.1 Lg      08:49:24.021 -0.5      T__      ___      ___      5071053  FDSN ZJ      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS   0.56 295.3 Pg      08:49:17.089  0.2      T__      250.7      ___ ML      2.2 5071054  FDSN SK      -- BUD  iLoc  EHE EHZ  _
KECS   0.56 295.3 Lg      08:49:24.874 -0.5      T__      ___      ___      5071055  FDSN SK      -- BUD  iLoc  EHE ???  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU05A  0.70 186.1 Lg      08:49:32.936  1.1      T__      112.1      ___ ML      2.0 5071056  FDSN ZJ      00 BUD  iLoc  HHE ???  _
TRPA   0.87 97.2 Pg      08:49:23.212  0.6      T__      ___      ___      5071057  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
TRPA   0.87 97.2 Lg      08:49:35.784 -1.3      T__      ___      ___      5071058  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ    0.96 250.6 Pn      08:49:24.145 -1.2      T__      114.8      ___ ML      2.1 5071060  FDSN GE      -- BUD  iLoc  HHZ HHZ  _
PSZ    0.96 250.6 Lg      08:49:39.715 -0.6      T__      ___      ___      5071061  FDSN GE      -- BUD  iLoc  HHN ???  _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOLS   0.97 44.4 Pg      08:49:25.380  1.3      T__      17715.3  ___ ML      4.3 5071059  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
(Reading ML: 4.3 magdef=1
(Station ML: 4.3 magdef=0
NIE    1.33 332.3 Pg      08:49:33.488  2.8      T__      42.3      ___ ML      1.9 5071062  FDSN PL      -- BUD  iLoc  BHZ BHZ  _
NIE    1.33 332.3 Lg      08:49:50.215  0.1      T__      ___      ___      5071063  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
2020/09/10	10:15:28.83	1.38	0.76	48.7494	21.2398	8.6	7.7	155	10.0f	7	6	116	0.45	0.91	sx	BUD	16002106	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	
ABAH	0.45	180.0	Lg	10:15:45.607	0.4					T__						5553802	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.53	241.6	Pg	10:15:39.327	-0.1					T__		55.9			ML	1.5	5553797	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	241.6	Lg	10:15:47.165	0.0					T__						5553798	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.57	242.3	Lg	10:15:47.993	-0.5					T__						5553799	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.71	74.5	Lg	10:15:52.454	-0.5					T__						5553803	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.79	217.4	Pn	10:15:46.152	1.2					T__		27.3			ML	1.4	5553800	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
NIE	0.91	317.6	Lg	10:15:58.776	0.5					T__						5553801	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
2020/09/10	10:17:29.54	3.76	1.19	48.9074	21.0219	39.5	19.9	115	0.0f	7	5	245	0.52	1.24	sx	BUD	16002108	BUD			342	

Magnitude Err Nsta Author OrigID

Sta	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	218.0	Pg	10:17:40.149	0.2					T__		55.2			ML	1.5	5553851	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	218.0	Lg	10:17:47.960	0.1					T__						5553845	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
KECS	0.55	220.1	Lg	10:17:48.701	-0.2					T__						5553850	FDSN	SK	--	BUD	iLoc	EHE	???	_	
NIE	0.70	317.4	Sn	10:17:56.272	-1.9					T__						5553848	FDSN	PL	--	BUD	iLoc	BHE	???	_	
HU02A	0.85	203.0	Pn	10:17:47.020	-0.8					T__		36.5			ML	1.5	5553846	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.85	203.0	Lg	10:17:59.855	-0.3					T__						5553847	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	1.24	217.6	Sn	10:18:11.092	-1.2					T__						5553849	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
2020/09/10	10:20:05.96	1.51	0.25	48.4956	19.4119	10.0	5.7	79	10.0f	9	5	212	0.66	0.83	sx	BUD	16002110	BUD			298	

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 4 BUD 16002110

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
LANs	0.66	3.2	Lg	10:20:28.007	0.1					T__						5553884	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
PSZ	0.66	150.6	Pg	10:20:19.890	-0.1					T__		49.5			ML	1.6	5553883	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.66	150.6	Lg	10:20:29.910	0.1					T__						5553882	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.71	90.6	Pg	10:20:20.185	-0.0					T__		127.7			ML	2.0	5553879	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.71	90.6	Lg	10:20:30.469	0.1					T__						5553878	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JOS	0.75	89.6	Pg	10:20:20.619	-0.2					T__		49.8			ML	1.6	5553876	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.75	89.6	Lg	10:20:31.205	-0.2					T__						5553877	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

```

HU02A 0.83 116.3 Pn 10:20:22.841 0.2 T__ 28.5 ___ ML 1.4 5553880 FDSN ZJ 00 BUD iLoc HHN HHZ _
HU02A 0.83 116.3 Lg 10:20:35.360 0.5 T__ ___ 5553881 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
2020/09/10 22:35:31.89 1.00 1.12 48.7844 21.9835 9.1 4.3 142 10.0f 9 5 158 0.24 1.18 ke BUD 16002112 BUD 256

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 4 BUD 16002112

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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 0.24 52.0 Pg 22:35:36.544 -0.4 T__ 4431.6 ___ ML 2.6 5553938 FDSN SK -- BUD iLoc HHZ HHZ _
KOLS 0.24 52.0 Lg 22:35:42.225 0.9 T__ ___ 5553939 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
ABAH 0.70 225.6 Pg 22:35:45.455 -0.1 T__ 39.6 ___ ML 1.5 5553932 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.70 225.6 Lg 22:35:54.634 -1.3 T__ ___ 5553933 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
TRPA 0.75 150.3 Pg 22:35:46.271 -0.2 T__ 52.5 ___ ML 1.6 5553934 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.75 150.3 Lg 22:35:59.158 1.4 T__ ___ 5553935 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 1.00 253.8 Pg 22:35:51.585 0.5 T__ 33.8 ___ ML 1.6 5553940 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.00 253.8 Sn 22:36:04.829 -1.2 T__ ___ 5553937 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 1.18 236.2 Lg 22:36:10.489 -1.0 T__ ___ 5553936 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
2020/09/11 09:19:42.66 0.95 0.89 48.5160 20.7651 4.8 4.5 16 0.0f 13 7 125 0.15 1.25 sx BUD 16002114 BUD 204

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 6 BUD 16002114

```

```

Sta 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 0.15 262.4 Pg 09:19:45.481 -0.4 T__ 624.8 ___ ML 1.5 5553975 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.15 262.4 Lg 09:19:48.959 0.5 T__ ___ 5553976 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.19 260.1 Lg 09:19:50.057 0.3 T__ 5553980 FDSN SK -- BUD iLoc EHN ??? _
ABAH 0.39 124.7 Pg 09:19:50.524 -0.1 T__ 89.9 ___ ML 1.3 5553981 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 124.7 Lg 09:19:56.467 -0.9 T__ ___ 5553982 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.43 202.2 Pg 09:19:51.676 -0.1 T__ 62.5 ___ ML 1.3 5553983 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.43 202.2 Lg 09:19:59.277 0.5 T__ ___ 5553984 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0

```

PSZ	0.83	224.6	Pg	09:20:00.107	-0.2	T__	62.9	___	ML	1.8	5553978	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.83	224.6	Lg	09:20:12.652	-0.2	T__		---			5553979	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
NIE	0.95	341.4	Pg	09:20:00.784	0.1	T__	23.0	___	ML	1.4	5553977	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.95	341.4	Lg	09:20:13.514	-0.7	T__		---			5553985	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
TRPA	1.25	107.4	Pg	09:20:08.128	1.5	T__	55.8	___	ML	1.9	5553986	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.25	107.4	Sn	09:20:23.225	-1.9	T__		---			5553987	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
2020/09/11	10:14:58.82	1.31	0.59	48.2797	19.8684	9.4	4.3	138	0.0f		8	5	190	0.36	0.92	sx	BUD	16002116	BUD		246	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	16002116

Sta	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	0.36	177.2	Pg	10:15:07.247	0.4					T__		138.0		___	ML	1.4	5554019	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.36	177.2	Lg	10:15:13.165	0.2					T__				---		5554020	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.47	109.5	Pg	10:15:08.839	0.1					T__		53.0		___	ML	1.3	5554021	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	109.5	Lg	10:15:15.414	-1.0					T__				---		5554022	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
JOS	0.50	63.9	Pg	10:15:09.023	0.2					T__		81.3		___	ML	1.6	5554017	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	63.9	Lg	10:15:16.630	0.1					T__				---		5554018	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU10A	0.72	233.0	Lg	10:15:24.346	-0.7					T__				---		5554024	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.92	88.5	Sn	10:15:32.610	-0.2					T__				---		5554023	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	
2020/09/11	11:09:41.15	1.00	0.86	47.6071	16.3594	5.9	4.6	29	0.7		3.4	11	7	94	0.15	0.98	sx	BUD	16002118	BUD		170	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	3 BUD	16002118

Sta	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	60.4	Pg	11:09:44.231	-0.2					T__		216.0		___	ML	1.1	5554051	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.15	60.4	Lg	11:09:46.723	-0.1					T__				---		5554052	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
A260A	0.40	143.9	Lg	11:09:55.254	0.4					T__				---		5554056	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CONA	0.46	313.9	Pg	11:09:50.271	-0.2					T__		105.9		___	ML	1.6	5554053	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.46	313.9	Lg	11:09:57.069	0.3					T__				---		5554054	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									

```

(Station ML: 1.6 magdef=1
ARSA 0.67 238.2 Pg 11:09:53.680 -0.5 T__ 85.9 --- ML 1.8 5554055 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.67 238.2 Lg 11:10:02.898 0.3 T__ --- 5554057 FDSN OE -- BUD iLoc HHZ ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
EGYH 0.69 105.7 Lg 11:10:05.432 0.5 T__ --- 5554058 FDSN HU -- BUD iLoc HHN ??? _
MPLH 0.91 118.2 Lg 11:10:11.905 -0.5 T__ --- 5554059 FDSN HU -- BUD iLoc HHE ??? _
MODS 0.98 38.5 Pn 11:10:03.526 2.0 T__ --- 5554061 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.98 38.5 Lg 11:10:15.769 0.1 T__ --- 5554060 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
2020/09/11 12:47:57.95 2.40 1.01 48.5580 20.7909 23.0 3.9 7 0.0f 7 4 241 0.18 0.88 sx BUD 16002120 BUD 333

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```

Magnitude Err Nsta Author OrigID
ML 1.2 0.1 3 BUD 16002120

```

```

Sta 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 0.18 249.7 Pg 12:48:01.516 -0.2 T__ 183.1 --- ML 1.1 5554084 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 249.7 Lg 12:48:05.395 0.7 T__ --- 5554085 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.22 249.9 Pg 12:48:02.154 -0.3 T__ 191.6 --- ML 1.2 5554086 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.22 249.9 Lg 12:48:06.494 0.5 T__ --- 5554087 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ABAH 0.40 131.1 Pg 12:48:06.645 0.5 T__ 66.6 --- ML 1.2 5554088 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.40 131.1 Lg 12:48:11.352 -1.7 T__ --- 5554090 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.88 223.4 Lg 12:48:29.776 0.2 T__ --- 5554089 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
2020/09/11 18:47:39.67 3.85 0.31 48.6226 20.3250 24.1 14.7 135 10.0f 5 3 326 0.18 0.52 ke BUD 16002122 BUD 349

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```

Magnitude Err Nsta Author OrigID
ML 0.8 0.6 2 BUD 16002122

```

```

Sta 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 0.18 142.5 Lg 18:47:46.730 -0.1 T__ 32.3 --- ML 1.2 5554112 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.19 131.6 Pg 18:47:43.896 -0.1 T__ 38.5 --- ML 0.4 5554110 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.19 131.6 Lg 18:47:47.539 0.3 T__ --- 5554111 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
HU02A 0.52 165.0 Pg 18:47:50.767 0.2 T__ 32.3 --- ML 1.2 5554113 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.52 165.0 Lg 18:47:58.236 -0.3 T__ --- 5554114 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 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

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2020/09/12 09:01:11.96 1.04 0.32 46.1379 18.2962 11.0 3.7 158 0.0f 5 3 177 0.15 0.39 sx BUD 16002124 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	250.1	Pg	09:01:15.523	-0.0					T__		236.7		---	ML	1.1 5554132	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	250.1	Lg	09:01:18.358	-0.1					T__				---		5554133	FDSN	HU	--	BUD	iLoc	HHE	???	_
MORH	0.25	72.2	Pg	09:01:17.428	-0.2					T__		52.0		---	ML	0.7 5554134	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	72.2	Lg	09:01:22.532	0.4					T__				---		5554135	FDSN	HU	--	BUD	iLoc	HHN	???	_
A266A	0.39	356.8	Lg	09:01:26.715	0.1					T__				---		5554136	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
 2020/09/12 12:46:45.58 4.96 2.03 45.5933 18.0481 66.0 30.3 80 15.0f 5 3 330 0.50 0.94 ke BUD 16002126 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
KOVH	0.50	4.2	Pg	12:46:55.768	0.0					T__		37.6		---	ML	1.3 5554166	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.50	4.2	Lg	12:47:02.449	-0.3					T__				---		5554167	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	0.75	33.6	Pn	12:46:59.911	-0.2					T__		46.6		---	ML	1.6 5554168	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.75	33.6	Sn	12:47:11.723	0.2					T__				---		5554169	FDSN	HU	--	BUD	iLoc	HHE	???	_
A266A	0.94	9.1	Sn	12:47:19.349	2.8					T__				---		5554170	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
 2020/09/13 00:03:51.82 0.82 0.69 48.5714 17.6246 3.4 3.0 96 5.0 12.6 22 14 89 0.29 1.65 ke BUD 16002128 BUD 106

Magnitude Err Nsta Author OrigID

ML 1.8 0.3 8 BUD 16002128

Sta	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	0.29	6.0	Pg	00:03:57.859	-0.2					T__		220.8		---	ML	1.4 5554214	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
JAVC	0.29	6.0	Lg	00:04:02.488	-0.4					T__				---		5554215	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																										
MODS	0.30	229.5	Pg	00:03:58.208	-0.0					T__				---		5554212	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.30	229.5	Lg	00:04:03.027	-0.2					T__				---		5554213	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
ZST	0.51	223.0	Pg	00:04:02.007	-0.2					T__		8322.5		---	ML	3.6 5554218	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
ZST	0.51	223.0	Lg	00:04:09.605	-0.3					T__				---		5554219	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
(Reading ML: 3.6 magdef=1 Station ML: 3.6 magdef=0)																										
A338A	0.74	138.6	Pg	00:04:07.170	0.5					T__		113.6		---	ML	2.0 5554216	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A338A	0.74	138.6	Lg	00:04:19.554	1.1					T__				---		5554217	FDSN	Z3	00	BUD	iLoc	HH3	???	_		
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																										
VYHS	0.81	95.0	Pg	00:04:08.130	-0.0					T__		17.0		---	ML	1.2 5554224	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VYHS	0.81	95.0	Lg	00:04:19.071	-0.8					T__				---		5554225	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																										
SR0	0.89	148.5	Lg	00:04:22.752	-0.8					T__				---		5554226	FDSN	SK	--	BUD	iLoc	EHE	???	_		
KRUC	0.95	301.6	Pg	00:04:10.369	0.4					T__		44.7		---	ML	1.7 5554220	FDSN	CZ	--	BUD	iLoc	HHE	HHZ	_		

KRUC	0.95	301.6	Lg	00:04:23.749	-0.0	T__	---	5554221	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
A005B	0.97	258.6	Sn	00:04:26.107	0.3	T__	---	5554222	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
VRAC	1.00	317.7	Pg	00:04:11.641	0.9	T__	13.9	---	ML	1.2	5554223	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
HU08A	1.16	169.9	Sn	00:04:31.082	0.3	T__	---	5554229	FDSN	ZJ	00	BUD	iLoc	HHE	???	_			
MORC	1.21	357.5	Pg	00:04:14.758	-0.1	T__	50.8	---	ML	1.9	5554227	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.21	357.5	Lg	00:04:30.907	-0.0	T__	---	5554228	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
CONA	1.34	242.0	Pn	00:04:17.300	0.5	T__	50.8	---	ML	2.0	5554230	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.34	242.0	Sn	00:04:36.973	1.6	T__	---	5554231	FDSN	OE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
MPLH	1.40	182.4	Lg	00:04:38.945	-0.7	T__	---	5554232	FDSN	HU	--	BUD	iLoc	HHN	???	_			
PSZ	1.65	112.5	Sn	00:04:44.735	1.0	T__	---	5554233	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
2020/09/13	02:19:46.30	0.81	0.65	46.1615	16.0780	6.4	3.8	119	9.4	8.4	32	20	58	0.27	1.79	ke	BUD	16002130	BUD			99

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	17 BUD	16002130

Sta	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	0.27	196.8	Pg	02:19:51.776	-0.4					T__		482.1		---	ML	1.7	5554373	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.27	196.8	Lg	02:19:55.945	-0.6					T__				---		5554374	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
KOGS	0.31	22.6	Pg	02:19:52.719	-0.0					T__		445.2		---	ML	1.8	5554379	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.31	22.6	Lg	02:19:57.539	0.4					T__				---		5554380	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ZAG	0.34	190.8	Pg	02:19:53.394	0.2					T__		1031.7		---	ML	2.3	5554375	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.34	190.8	Lg	02:19:58.956	0.8					T__				---		5554376	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
CRES	0.55	232.4	Pg	02:19:57.115	0.1					T__		107.4		---	ML	1.8	5554377	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.55	232.4	Lg	02:20:04.979	-0.2					T__				---		5554378	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
BEHE	0.57	57.2	Pg	02:19:57.752	-0.2					T__		516.8		---	ML	2.5	5554381	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.57	57.2	Lg	02:20:05.941	0.2					T__				---		5554382	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
A262A	0.77	23.7	Pn	02:20:02.202	-0.3					T__		189.0		---	ML	2.2	5554383	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.77	23.7	Sn	02:20:14.642	0.6					T__				---		5554384	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
A264A	0.84	89.7	Sn	02:20:16.380	0.5					T__				---		5554385	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A263A	0.98	60.3	Pg	02:20:04.853	-0.3					T__		256.0		---	ML	2.5	5554386	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A263A	0.98	60.3	Sn	02:20:18.385	-0.7	T__								5554387	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																						
(Station ML: 2.5 magdef=0)																						
A261A	1.08	42.7	Pn	02:20:06.592	-0.1	T__	116.7			ML	2.2	5554388	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ		_	
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=1)																						
OBKA	1.12	288.7	Pn	02:20:08.743	0.7	T__	61.7			ML	1.9	5554389	FDSN	OE	--	BUD	iLoc	HHZ	HHZ		_	
OBKA	1.12	288.7	Lg	02:20:22.314	-0.1	T__						5554390	FDSN	OE	--	BUD	iLoc	HHN	???		_	
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
ARSA	1.15	340.9	Pg	02:20:07.499	-0.3	T__	71.1			ML	2.0	5554391	FDSN	OE	--	BUD	iLoc	HHZ	HHZ		_	
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
A260A	1.20	20.8	Pg	02:20:09.034	-0.1	T__	138.3			ML	2.3	5554392	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ		_	
A260A	1.20	20.8	Sn	02:20:24.736	0.2	T__						5554393	FDSN	Z3	00	BUD	iLoc	HHZ	???		_	
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						
A265A	1.22	76.9	Pn	02:20:08.136	-0.3	T__	136.1			ML	2.3	5554394	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ		_	
A265A	1.22	76.9	Sn	02:20:24.416	-0.4	T__						5554395	FDSN	Z3	00	BUD	iLoc	HHN	???		_	
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						
KOVH	1.41	92.3	Pn	02:20:10.414	-0.6	T__	71.2			ML	2.1	5554396	FDSN	HU	--	BUD	iLoc	HHZ	HHZ		_	
KOVH	1.41	92.3	Sn	02:20:28.062	-1.3	T__						5554397	FDSN	HU	--	BUD	iLoc	HHN	???		_	
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
MPLH	1.43	44.4	Pg	02:20:12.708	-0.6	T__	61.9			ML	2.1	5554398	FDSN	HU	--	BUD	iLoc	HHZ	HHZ		_	
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
A019A	1.45	332.4	Pg	02:20:13.700	0.5	T__	46.6			ML	2.0	5554399	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ		_	
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
EGYH	1.52	34.0	Pg	02:20:15.863	0.8	T__	105.7			ML	2.4	5554400	FDSN	HU	--	BUD	iLoc	HHZ	HHZ		_	
(Reading ML: 2.4 magdef=1)																						
(Station ML: 2.4 magdef=0)																						
BLY	1.61	150.8	Pg	02:20:16.544	0.7	T__	48.9			ML	2.1	5554401	FDSN	MN	--	BUD	iLoc	HHZ	HHZ		_	
BLY	1.61	150.8	Lg	02:20:36.848	-0.4	T__						5554402	FDSN	MN	--	BUD	iLoc	HHE	???		_	
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
MORH	1.78	87.4	Sn	02:20:36.675	-1.8	T__						5554403	FDSN	HU	--	BUD	iLoc	HHN	???		_	
HU08A	1.79	44.3	Sn	02:20:40.013	1.0	T__						5554404	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
2020/09/14	08:43:27.27	0.48	0.67	46.1748	18.0889	7.7	3.8	124	0.0	0.0	7	0	162	0.09	0.39	kx	BUD	16002132	BUD			
2020/09/14	08:43:26.05	0.97	2.28	46.1204	18.0243f				0.0f		7	4	166	0.06	0.44	kx	BUD_GT	16002133	BUD		260	
(locality : Bükkösd-I Hungary)																						
(description : known quarry blast)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	3 BUD	16002133

Sta	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	08:43:28.419	0.4	T__	2015.3	___	ML	1.8	5071767	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	08:43:29.859	0.0	T__		---			5071768	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
A273A	0.25	215.5	Pg	08:43:32.584	1.0	T__	574.1	___	ML	1.8	5071771	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.25	215.5	Lg	08:43:37.801	2.3	T__		---			5071772	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
A266A	0.44	22.3	Lg	08:43:38.970	-3.4	T__		---			5071773	FDSN	Z3	00	BUD	iLoc	HHE	???	_
MORH	0.44	77.4	Pg	08:43:35.744	0.4	T__	42.0	---	ML	1.1	5071769	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.44	77.4	Lg	08:43:38.828	-3.6	T__		---			5071770	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(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
2020/09/14	08:56:43.39	0.95	1.08	48.5307	17.4428	9.4	3.4	127	0.0f		7	4	143	0.19	1.22	sx	BUD	16002134	BUD			210

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	16002134

Sta	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	215.1	Pg	08:56:47.478	-0.4					T__						5554485	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.19	215.1	Lg	08:56:50.845	-0.7					T__						5554486	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JAVC	0.36	24.6	Pg	08:56:50.858	-0.3					T__	118.0				___	ML	1.4	5554487	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	24.6	Lg	08:56:57.288	-0.0					T__					---		5554488	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
VYHS	0.93	91.7	Pg	08:57:02.317	0.2					T__	16.1				___	ML	1.2	5554491	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
CONA	1.22	240.9	Pn	08:57:07.018	-0.4					T__	41.8				___	ML	1.8	5554489	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.22	240.9	Lg	08:57:25.007	1.9					T__					---		5554490	FDSN	OE	--	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		
2020/09/14	09:52:30.74	1.02	2.00	46.8852	17.3049	6.6	5.0	36	0.0f		8	4	156	0.13	1.14	sx	BUD	16002136	BUD					244

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	16002136

Sta	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	302.0	Pg	09:52:32.294	-1.7					T__	8661.6				___	ML	2.6	5554516	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	302.0	Lg	09:52:40.210	3.6					T__					---		5554517	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.6 magdef=1)																										
(Station ML: 2.6 magdef=1)																										
MPLH	0.33	29.3	Pg	09:52:37.002	-0.9					T__	189.0				___	ML	1.5	5554518	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.33	29.3	Lg	09:52:44.418	0.9					T__					---		5554521	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										

KOVH	0.97	145.1	Pg	09:52:49.835	-0.6	T__	36.4	___	ML	1.6	5554522	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.97	145.1	Lg	09:53:05.227	1.2	T__		---			5554520	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
MORH	1.14	125.5	Pn	09:52:52.861	0.2	T__	32.1	___	ML	1.6	5554519	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.14	125.5	Sn	09:53:10.391	0.8	T__		---			5554523	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
2020/09/14	10:05:50.04	1.13	1.57	48.7059	20.8004	6.0	4.6	6	0.0f		13	8	140	0.27	1.32	sx	BUD	16002138	BUD		214	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	16002138

Sta	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	219.6	Pg	10:05:56.456	0.8					T__		381.8		---	ML	1.6	5554557	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.27	219.6	Lg	10:05:59.539	-0.4					T__				---		5554558	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.31	223.3	Pg	10:05:57.028	0.7					T__		896.4		---	ML	2.1	5554560	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.31	223.3	Lg	10:06:01.301	0.2					T__				---		5554559	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
ABAH	0.50	144.4	Pg	10:06:00.835	0.6					T__		73.1		---	ML	1.6	5554561	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.50	144.4	Lg	10:06:07.278	-1.5					T__				---		5554562	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.61	197.5	Pg	10:06:02.894	0.1					T__		41.6		---	ML	1.5	5554563	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_
HU02A	0.61	197.5	Lg	10:06:10.022	-2.4					T__				---		5554564	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
NIE	0.79	335.4	Lg	10:06:13.460	-2.6					T__				---		5554565	FDSN	PL	--	BUD	iLoc	BHZ	???	_	
PSZ	0.99	217.8	Lg	10:06:23.774	-1.9					T__				---		5554566	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
TRPA	1.29	115.8	Pg	10:06:16.684	1.8					T__		48.6		---	ML	1.9	5554567	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
VYHS	1.32	261.5	Pg	10:06:17.592	1.0					T__		15.9		---	ML	1.4	5554568	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.32	261.5	Lg	10:06:35.522	0.1					T__				---		5554569	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
2020/09/14	10:43:40.58	1.21	1.03	48.4220	20.7731	7.2	4.6	52	0.0f		8	5	176	0.17	0.77	sx	BUD	16002142	BUD		273	

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.0	3 BUD	16002142

Sta	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	295.5	Pg	10:43:44.169	-0.1					T__		196.8		---	ML	1.1	5554649	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.17	295.5	Lg	10:43:46.898	-0.3	T__									5554650	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
	(Reading ML: 1.1 magdef=1)																								
	(Station ML: 1.1 magdef=1)																								
KECS	0.20	287.8	Pg	10:43:44.807	-0.0	T__	176.5								ML	1.1	5554651	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	287.8	Lg	10:43:48.009	-0.2	T__											5554652	FDSN	SK	--	BUD	iLoc	EHN	???	_
	(Reading ML: 1.1 magdef=1)																								
	(Station ML: 1.1 magdef=1)																								
ABAH	0.34	111.9	Lg	10:43:54.015	0.4	T__											5554655	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU02A	0.34	209.0	Pg	10:43:47.634	-0.4	T__	36.0								ML	0.8	5554653	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.34	209.0	Lg	10:43:53.275	-0.6	T__											5554654	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
	(Reading ML: 0.8 magdef=1)																								
	(Station ML: 0.8 magdef=1)																								
PSZ	0.77	229.7	Lg	10:44:10.916	2.1	T__											5554656	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
2020/09/15	01:09:59.77	0.92	0.79	47.6979	16.0440	4.3	4.0	50	7.9	15.3	20	12	85	0.26	1.61	ke	BUD	16002144	BUD			141

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	8 BUD	16002144

Sta	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	0.26	332.0	Pg	01:10:04.921	-0.4					T__		73.2			ML	0.9	5554705	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	332.0	Lg	01:10:08.794	-0.4					T__						5554706	FDSN	OE	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 0.9 magdef=1)																								
	(Station ML: 0.9 magdef=0)																								
SOP	0.35	92.2	Pg	01:10:07.125	0.2					T__		53.5			ML	1.0	5554703	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
SOP	0.35	92.2	Lg	01:10:11.977	0.2					T__						5554704	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.0 magdef=1)																								
	(Station ML: 1.0 magdef=1)																								
A013A	0.56	310.7	Pg	01:10:10.864	0.1					T__		186.4			ML	2.1	5554699	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.56	310.7	Lg	01:10:18.885	0.7					T__						5554700	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
	(Reading ML: 2.1 magdef=1)																								
	(Station ML: 2.1 magdef=1)																								
ARSA	0.57	218.5	Pg	01:10:10.601	-0.3					T__		94.6			ML	1.8	5554697	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.57	218.5	Lg	01:10:17.873	-0.3					T__						5554698	FDSN	OE	--	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.8 magdef=1)																								
	(Station ML: 1.8 magdef=1)																								
A260A	0.61	132.5	Pg	01:10:12.364	0.3					T__		193.4			ML	2.1	5554707	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.1 magdef=1)																								
	(Station ML: 2.1 magdef=0)																								
A018A	0.65	274.4	Lg	01:10:21.754	0.9					T__						5554710	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A005B	0.68	9.1	Pg	01:10:13.566	0.5					T__		74.8			ML	1.8	5554708	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.68	9.1	Lg	01:10:22.719	-0.0					T__						5554709	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.8 magdef=1)																								
	(Station ML: 1.8 magdef=1)																								
A008A	0.72	338.7	Pg	01:10:13.609	-0.0					T__		113.0			ML	2.0	5554701	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.72	338.7	Lg	01:10:22.949	-0.6					T__						5554702	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
	(Reading ML: 2.0 magdef=1)																								
	(Station ML: 2.0 magdef=1)																								
EGYH	0.92	107.4	Sn	01:10:33.057	1.4					T__						5554711	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.07	50.3	Pn	01:10:18.703	-1.8					T__						5554712	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.07	50.3	Sn	01:10:34.898	-1.1					T__						5554713	FDSN	SK	--	BUD	iLoc	HHE	???	_	

KRUC	1.38	9.6	Pn	01:10:25.000	0.1	T__					29.6	___	ML	1.7	5554714	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.38	9.6	Sn	01:10:42.931	-0.3	T__						---			5554715	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
CKRC	1.61	314.7	Sn	01:10:50.057	0.8	T__						---			5554716	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	
2020/09/15	07:37:33.19	1.04	1.06	47.5499	18.4922	6.7	3.4	116	0.0f		11	8	125	0.12	1.34	sx	BUD	16002146	BUD			170	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	3 BUD	16002146

Sta	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	320.1	Pg	07:37:35.948	-0.1					T__		2488.6		---	ML	2.0	5554753	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.12	320.1	Lg	07:37:38.446	-0.3					T__				---		5554754	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CSKK	0.24	220.2	Pg	07:37:38.407	-0.2					T__		326.3		---	ML	1.5	5554755	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	220.2	Lg	07:37:42.825	-0.5					T__				---		5554756	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU10A	0.46	50.1	Lg	07:37:51.266	0.5					T__				---		5554759	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.75	240.0	Lg	07:37:59.862	0.2					T__				---		5554760	FDSN	HU	--	BUD	iLoc	HHE	???	_	
EGYH	0.80	260.8	Lg	07:38:02.537	1.3					T__				---		5554761	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.97	13.6	Pg	07:37:53.293	0.4					T__		17.9		---	ML	1.3	5554757	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	13.6	Lg	07:38:06.285	-0.9					T__				---		5554758	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MODS	1.16	315.7	Sn	07:38:11.722	-2.1					T__				---		5554762	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MORH	1.34	175.5	Sn	07:38:18.540	1.1					T__				---		5554763	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	
2020/09/15	08:23:42.09	1.99	0.61	47.9682	20.3832	20.3	4.3	144	0.0f		7	4	229	0.18	0.54	sx	BUD	16002148	BUD			335	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	16002148

Sta	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	31.6	Pg	08:23:46.521	0.1					T__		562.1		---	ML	1.6	5554787	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	31.6	Lg	08:23:49.545	-0.4					T__				---		5554788	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.33	261.6	Pg	08:23:49.801	0.2					T__		107.7		---	ML	1.3	5554790	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	261.6	Lg	08:23:54.884	-0.4					T__				---		5554789	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.52	7.5	Pg	08:23:53.369	0.7					T__		111.3		---	ML	1.8	5554792	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.54	11.1	Pg	08:23:53.155	0.2					T__		57.4		---	ML	1.6	5554793	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS 0.54 11.1 Lg 08:24:00.552 -0.7 T__ --- 5554791 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
2020/09/15	11:53:31.71	1.16	0.86	47.3096	18.4361	7.4	5.6	26	0.0f	6	4	174	0.13	1.22	sx	BUD	16002152	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		
CSKK	0.13	294.2	Pg	11:53:35.338	0.4					T__		804.7		---	ML	1.6	5554886	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.13	294.2	Lg	11:53:37.127	-0.9					T__				---		5554887	FDSN	HU	--	BUD	iLoc	HHZ	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0)																										
A271A	0.31	119.6	Lg	11:53:43.927	-0.3					T__				---		5554889	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
HU09A	0.33	353.7	Pg	11:53:38.942	0.1					T__		275.8		---	ML	1.7	5554885	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU09A	0.33	353.7	Lg	11:53:44.859	0.0					T__				---		5554884	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0)																										
VYHS	1.22	12.6	Sn	11:54:12.606	-1.1					T__				---		5554888	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	
2020/09/15	20:31:21.31	0.90	0.86	47.7390	16.0965	5.4	3.7	18	10.3	9.9	16	10	108	0.25	1.61	ke	BUD	16002156	BUD			194	

Magnitude Err Nsta Author OrigID
 ML 1.3 0.2 6 BUD 16002156

Sta	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	0.25	320.2	Pg	20:31:26.237	-0.5					T__		77.5		---	ML	0.9	5555028	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.25	320.2	Lg	20:31:29.703	-0.8					T__				---		5555029	FDSN	OE	--	BUD	iLoc	HHE	???	_		
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0)																										
A004A	0.30	42.0	Lg	20:31:33.617	1.6					T__				---		5555032	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
SOP	0.32	100.0	Pg	20:31:27.783	-0.2					T__		57.6		---	ML	0.9	5555026	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	0.32	100.0	Lg	20:31:31.945	-0.6					T__				---		5555027	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1)																										
A013A	0.57	305.2	Lg	20:31:41.365	1.5					T__				---		5555033	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
ARSA	0.62	218.7	Pg	20:31:33.519	-0.0					T__		25.7		---	ML	1.3	5555034	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	0.62	218.7	Lg	20:31:42.172	0.7					T__				---		5555035	FDSN	OE	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																										
EGYH	0.90	110.6	Pg	20:31:38.592	-0.4					T__		59.9		---	ML	1.8	5555036	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0)																										
MODS	1.02	50.8	Pn	20:31:40.841	-0.2					T__				---		5555037	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	1.02	50.8	Sn	20:31:54.688	-1.1					T__				---		5555038	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KRUC	1.34	8.4	Pn	20:31:45.729	0.3					T__		24.1		---	ML	1.6	5555030	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
KRUC	1.34	8.4	Sn	20:32:03.324	0.1					T__				---		5555031	FDSN	CZ	--	BUD	iLoc	HHZ	???	_		
(Reading ML: 1.6 magdef=1																										

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(Station ML: 1.6 magdef=1
VRAC 1.60 11.7 Pn 20:31:49.767 0.6 T__ 7.1 ___ ML 1.2 5555039 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.60 11.7 Sn 20:32:09.986 0.2 T__ ___ 5555040 FDSN CZ -- BUD iLoc HHZ ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CKRC 1.61 312.8 Lg 20:32:12.266 -0.7 T__ ___ 5555041 FDSN CZ -- BUD iLoc 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
2020/09/15 23:47:42.42 0.86 0.68 47.7911 16.1175 4.4 3.2 32 0.0f 19 14 83 0.22 1.59 ke BUD 16002158 BUD 158

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 16002158

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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 0.22 308.6 Pg 23:47:46.985 -0.0 T__ 148.6 ___ ML 1.1 5555085 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.22 308.6 Lg 23:47:50.168 -0.0 T__ ___ 5555086 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
SOP 0.32 109.8 Pg 23:47:48.958 -0.1 T__ 104.4 ___ ML 1.2 5555087 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.32 109.8 Lg 23:47:53.633 0.0 T__ ___ 5555088 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A013A 0.55 299.9 Pg 23:47:53.225 0.2 T__ 139.8 ___ ML 2.0 5555089 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
A005B 0.58 5.8 Lg 23:48:03.213 0.8 T__ ___ 5555093 FDSN Z3 00 BUD iLoc HHN ??? _
A260A 0.65 141.7 Lg 23:48:04.473 0.1 T__ ___ 5555092 FDSN Z3 00 BUD iLoc HHE ??? _
ARSA 0.67 216.9 Pg 23:47:55.151 -0.3 T__ 50.3 ___ ML 1.6 5555090 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.67 216.9 Lg 23:48:03.896 -0.1 T__ ___ 5555091 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ZST 0.78 58.1 Lg 23:48:09.832 -0.3 T__ ___ 5555094 FDSN SK -- BUD iLoc HHZ ??? _
EGYH 0.90 114.0 Pg 23:48:01.485 0.9 T__ 54.2 ___ ML 1.7 5555095 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.90 114.0 Lg 23:48:13.320 -0.5 T__ ___ 5555096 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 0.97 52.7 Pg 23:48:01.776 -0.4 T__ ___ 5555097 FDSN SK -- BUD iLoc HHZ ??? _
A001A 0.99 18.4 Lg 23:48:16.264 -0.6 T__ ___ 5555098 FDSN Z3 00 BUD iLoc HHZ ??? _
HU08A 1.27 105.7 Pn 23:48:07.655 1.0 T__ 29.5 ___ ML 1.7 5555099 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 1.27 105.7 Sn 23:48:24.750 0.1 T__ ___ 5555100 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KRUC 1.29 8.2 Sn 23:48:23.155 -1.8 T__ ___ 5555101 FDSN CZ -- BUD iLoc HHE ??? _
TREC 1.56 344.7 Sn 23:48:31.293 -0.3 T__ ___ 5555103 FDSN CZ -- BUD iLoc HHZ ??? _
CKRC 1.59 311.1 Sn 23:48:31.900 -0.8 T__ ___ 5555102 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
2020/09/15 23:49:37.10 1.25 0.86 47.8214 16.1330 7.0 4.2 21 8.7 18.5 9 6 100 0.21 1.57 ke BUD 16002160 BUD 184

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Magnitude Err Nsta Author OrigID

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ML 0.6 0.1 3 BUD 16002160

Sta	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	0.21	300.5	Pg	23:49:41.802	-0.0					T__		45.0		---	ML	0.5 5555134	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.21	300.5	Lg	23:49:45.247	0.2					T__				---		5555135	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1)																								
(Station ML: 0.5 magdef=1)																								
SOP	0.32	115.5	Pg	23:49:43.761	0.0					T__		28.0		---	ML	0.6 5555136	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.32	115.5	Lg	23:49:48.522	0.3					T__				---		5555137	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1)																								
(Station ML: 0.6 magdef=1)																								
ARSA	0.70	216.1	Lg	23:49:59.357	-0.4					T__				---		5555138	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	0.95	53.8	Lg	23:50:09.626	-0.5					T__				---		5555139	FDSN	SK	--	BUD	iLoc	HHE	???	_
KRUC	1.25	7.9	Pn	23:50:00.983	0.7					T__		22.8		---	ML	1.6 5555140	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.25	7.9	Sn	23:50:18.052	0.8					T__				---		5555141	FDSN	CZ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
CKRC	1.57	310.1	Sn	23:50:26.869	1.4					T__				---		5555142	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
2020/09/16	08:50:13.67	1.18	1.17	48.7391	20.8173	6.8	5.6	20	0.0f		12	7	143	0.31	1.34	sx	BUD	16002162	BUD		217	

Magnitude Err Nsta Author OrigID
 ML 1.7 0.3 6 BUD 16002162

Sta	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	0.31	217.2	Pg	08:50:20.457	0.6					T__		219.1		---	ML	1.5 5555173	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.31	217.2	Lg	08:50:23.475	-1.2					T__				---		5555174	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
KECS	0.34	220.8	Pg	08:50:20.976	0.4					T__		603.3		---	ML	2.0 5555175	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.34	220.8	Lg	08:50:25.349	-0.4					T__				---		5555176	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=0)																								
ABAH	0.52	147.5	Pg	08:50:25.027	0.8					T__		61.3		---	ML	1.5 5555177	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.52	147.5	Lg	08:50:31.260	-1.9					T__				---		5555178	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
NIE	0.76	333.6	Lg	08:50:37.323	-1.6					T__				---		5555179	FDSN	PL	--	BUD	iLoc	BHZ	???	_
PSZ	1.03	217.2	Pn	08:50:34.048	-0.4					T__		60.9		---	ML	1.9 5555180	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
TRPA	1.30	117.3	Pn	08:50:39.409	1.4					T__		48.9		---	ML	1.9 5555181	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.30	117.3	Sn	08:50:57.102	-0.4					T__				---		5555182	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
VYHS	1.34	260.2	Pg	08:50:41.642	1.1					T__		11.6		---	ML	1.3 5555183	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.34	260.2	Sn	08:50:59.026	0.3					T__				---		5555184	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
2020/09/16	08:57:00.98	2.27	0.98	48.2000	21.4673	21.0	5.9	0	0.3	3.3	8	5	198	0.18	0.91	sx	BUD	16002164	BUD		257	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	3 BUD	16002164

Sta	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	302.4	Pg	08:57:04.725	-0.2					T__		666.2		___	ML	1.6	5555214	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.18	302.4	Lg	08:57:09.117	0.7					T__				---		5555215	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.69	295.9	Pg	08:57:14.903	0.3					T__		35.5		___	ML	1.4	5555216	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.69	295.9	Lg	08:57:24.240	-0.6					T__				---		5555217	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.71	293.8	Lg	08:57:25.250	-0.6					T__				---		5555219	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.72	95.1	Lg	08:57:26.829	-0.3					T__				---		5555218	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOLS	0.91	35.8	Pg	08:57:18.493	0.2					T__	12939.2			---	ML	4.1	5555220	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.91	35.8	Lg	08:57:31.223	-1.5					T__				---		5555221	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(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
2020/09/16	10:00:50.65	0.99	0.68	48.1770	16.9901	6.2	4.6	170	0.0f		12	7	151	0.08	1.36	sx	BUD	16002166	BUD		176	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	16002166

Sta	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	0.08	75.7	Pg	10:00:52.846	0.0					T__		114093.0		___	ML	3.6	5555253	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.08	75.7	Lg	10:00:55.134	0.3					T__				---		5555254	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.6 magdef=1)																									
(Station ML: 3.6 magdef=0)																									
MODS	0.27	44.2	Pg	10:00:56.383	-0.4					T__				---		5555251	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.27	44.2	Lg	10:01:01.236	-0.4					T__				---		5555252	FDSN	SK	--	BUD	iLoc	HHE	???	_	
CONA	0.80	252.2	Lg	10:01:16.089	-0.8					T__				---		5555257	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
KRUC	0.97	336.2	Pg	10:01:09.481	0.2					T__		25.2		---	ML	1.4	5555255	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.97	336.2	Lg	10:01:23.775	0.2					T__				---		5555256	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VRAC	1.16	347.1	Pg	10:01:13.088	0.4					T__		7.7		___	ML	1.0	5555260	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.16	347.1	Lg	10:01:29.789	0.1					T__				---		5555261	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
VYHS	1.27	74.9	Pn	10:01:16.586	1.5					T__		15.0		___	ML	1.4	5555262	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ARSA	1.36	227.4	Pn	10:01:15.920	-0.5					T__		44.9		___	ML	1.9	5555258	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.36	227.4	Lg	10:01:34.357	0.5					T__				---		5555259	FDSN	OE	--	BUD	iLoc	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
2020/09/16	10:21:13.05	0.98	0.63	48.4478	19.5676	10.1	3.9	3	0.0f	6	4	169	0.49	0.65	sx	BUD	16002168	BUD				287

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.5	2 BUD	16002168

Sta	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	0.49	275.7	Pg	10:21:23.377	0.3					T__		11.7		___	ML	0.7	5555292	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.49	275.7	Lg	10:21:29.859	-0.5					T__				---		5555291	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
PSZ	0.57	157.4	Lg	10:21:34.120	-0.2					T__				---		5555290	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KECS	0.61	86.3	Lg	10:21:34.620	0.0					T__				---		5555289	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.65	85.4	Pg	10:21:26.322	0.3					T__		31.0		___	ML	1.4	5555287	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	85.4	Lg	10:21:35.014	-0.8					T__				---		5555288	FDSN	ZJ	--	BUD	iLoc	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
2020/09/16	11:22:40.23	1.28	0.76	48.8881	20.6952	10.1	6.0	84	0.0f	7	5	135	0.41	1.04	sx	BUD	16002170	BUD				247

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	2 BUD	16002170

Sta	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	194.8	Pg	11:22:48.724	0.3					T__		63.8		___	ML	1.2	5555314	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.41	194.8	Lg	11:22:54.892	0.3					T__				---		5555315	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.43	199.0	Pg	11:22:48.897	0.0					T__		120.1		___	ML	1.6	5555312	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.43	199.0	Lg	11:22:54.948	-0.4					T__				---		5555313	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	0.59	334.1	Lg	11:22:59.527	-0.4					T__				---		5555316	FDSN	PL	--	BUD	iLoc	BHE	???	_	
ABAH	0.69	148.4	Lg	11:23:04.394	-1.1					T__				---		5555318	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	1.04	86.9	Lg	11:23:16.579	0.7					T__				---		5555317	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	
2020/09/17	06:46:36.50	1.36	0.21	45.9728	18.0255	14.4	7.6	16	0.0	0.0	6	0	284	0.13	1.24	kx	BUD	16002172	BUD				
2020/09/17	06:46:36.75	1.01	0.79	46.1204	18.0243f				0.0f	6	3	221	0.06	1.10	kx	BUD_GT	16002173	BUD					316

(locality : Bükkösd-I Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	3 BUD	16002173

Sta	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	06:46:38.658	-0.0					T__		905.4		___	ML	1.4	5072649	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

KOVH	0.06	121.4	Lg	06:46:39.920	-0.6	T__									5072650	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.44	77.4	Pg	06:46:45.976	-0.0	T__							42.5	---	ML	1.2	5072651	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
MORH	0.44	77.4	Lg	06:46:52.314	-0.8	T__								---			5072652	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MPLH	1.10	342.5	Pg	06:46:59.899	1.0	T__							137.5	---	ML	2.3	5072653	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.10	342.5	Lg	06:47:16.311	1.1	T__								---			5072654	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(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	
2020/09/17	07:29:31.32	0.35	1.53	47.2773	17.7008	4.7	3.6	138	0.0	0.0	9	0	112	0.15	1.40	kx	BUD	16002174	BUD				
2020/09/17	07:29:29.33	1.03	2.25	47.3300	17.6350f				0.0f		9	8	121	0.17	1.34	kx	BUD_GT	16002175	BUD			125	
(locality : Ugod Hungary)																							
(description : known quarry blast)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	2 BUD	16002175

Sta	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	07:29:31.670	-1.8					T__		537.1		---	ML	1.5	5555367	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MPLH	0.17	202.2	Lg	07:29:34.234	-2.6					T__				---		5555371	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
EGYH	0.22	293.0	Pg	07:29:38.403	4.0					T__		1163.6		---	ML	2.0	5555372	FDSN	HU	--	iLoc	BUD	HHN	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU09A	0.59	58.4	Lg	07:29:50.065	-1.5					T__				---		5555373	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
BEHE	1.04	214.7	Sn	07:30:07.526	1.5					T__				---		5555374	FDSN	HU	--	iLoc	BUD	HHN	???	_	
HU10A	1.07	60.7	Sn	07:30:05.313	-1.9					T__				---		5555369	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
KOVH	1.28	165.4	Sn	07:30:10.309	-1.5					T__				---		5555370	FDSN	HU	--	iLoc	BUD	HHE	???	_	
MORH	1.31	147.8	Sn	07:30:11.315	-1.3					T__				---		5555368	FDSN	HU	--	iLoc	BUD	HHE	???	_	
CONA	1.34	297.2	Sn	07:30:15.398	1.7					T__				---		5555375	FDSN	OE	--	iLoc	BUD	HHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/09/17	07:32:21.26	1.73	0.73	48.0695	20.7037	10.8	5.6	148	0.0f		7	5	197	0.13	0.56	sx	BUD	16002176	BUD			269	

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	293.8	Pg	07:32:24.209	-0.3					T__		714.5		---	ML	1.5	5555395	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	293.8	Lg	07:32:26.921	-0.4					T__				---		5555396	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.42	57.5	Lg	07:32:37.032	-0.4					T__				---		5555400	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KECS	0.44	340.7	Lg	07:32:37.001	-0.0					T__				---		5555397	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.44	345.6	Pg	07:32:30.612	0.4					T__		36.6		---	ML	1.1	5555399	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.44	345.6	Lg	07:32:37.067	-0.0					T__				---		5555398	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
PSZ	0.56	254.8	Lg	07:32:43.607	1.2					T__				---		5555401	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
2020/09/17	08:03:28.32	1.30	1.88	47.2793	18.3505	9.5	7.4	72	0.0f		7	6	135	0.10	1.26	sx	BUD	16002178	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	
CSKK	0.10	323.9	Pg	08:03:31.358	0.3					T__		960.3		---	ML	1.6	5555420	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	323.9	Lg	08:03:33.015	-0.7					T__				---		5555421	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU10A	0.72	38.4	Lg	08:03:54.976	-0.2					T__				---		5555422	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
MORH	1.08	169.2	Lg	08:04:04.966	-0.7					T__				---		5555426	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.20	188.3	Sn	08:04:12.492	3.4					T__				---		5555425	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.23	58.0	Sn	08:04:10.282	-0.2					T__				---		5555423	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.26	14.9	Sn	08:04:10.019	-1.3					T__				---		5555424	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
2020/09/17	08:32:14.43	0.92	0.93	48.9901	18.3454	5.3	3.3	66	0.0f		12	8	97	0.18	1.53	sx	BUD	16002180	BUD			135

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 5 BUD 16002180

Sta	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	0.18	333.0	Pg	08:32:17.327	-0.8					T__		475.9		---	ML	1.5	5555452	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	0.18	333.0	Lg	08:32:21.180	0.4					T__				---		5555453	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																					
JAVC	0.46	253.8	Pg	08:32:23.836	-0.3					T__		157.9		---	ML	1.8	5555454	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																					
VYHS	0.59	146.6	Pg	08:32:26.203	-0.3					T__		26.2		---	ML	1.2	5555455	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.59	146.6	Lg	08:32:35.027	-0.1					T__				---		5555456	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																					
MODS	0.94	229.3	Pg	08:32:33.542	0.2					T__				---		5555460	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.94	229.3	Lg	08:32:47.705	0.1					T__				---		5555461	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORC	0.95	326.6	Pg	08:32:32.352	0.3					T__		47.2		---	ML	1.7	5555457	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	0.95	326.6	Lg	08:32:46.320	1.1					T__				---		5555458	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																					
KRUC	1.29	273.9	Lg	08:32:56.984	-0.7					T__				---		5555463	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
NIE	1.35	70.8	Pn	08:32:42.009	1.9					T__		27.2		---	ML	1.7	5555459	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																					
JDS	1.53	108.0	Sn	08:33:05.488	1.2					T__				---		5555462	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
2020/09/17	08:57:28.23	2.26	1.46	48.8719	20.8018	15.2	10.6	160	0.0f		11	7	116	0.41	1.13	sx	BUD	16002182	BUD			233

Magnitude Err Nsta Author OrigID

ML 1.7 0.4 4 BUD 16002182

Sta	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	204.9	Pn	08:57:40.533	-0.9					T__		275.1		---	ML	1.9	5555495	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.41	204.9	Lg	08:57:43.833	0.9					T__				---		5555496	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KECS	0.44	208.4	Pn	08:57:41.006	-0.8					T__		743.7		---	ML	2.4	5555497	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.44	208.4	Lg	08:57:45.241	1.4					T__				---		5555498	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
NIE	0.64	329.1	Sn	08:57:57.159	1.8					T__				---		5555503	FDSN	PL	--	BUD	iLoc	BHZ	???	_	
ABAH	0.65	153.1	Pn	08:57:45.425	0.8					T__		53.8		---	ML	1.6	5555499	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.65	153.1	Lg	08:57:51.408	-0.4					T__				---		5555500	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.77	193.9	Pn	08:57:46.401	1.0					T__		28.5		---	ML	1.4	5555501	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.77	193.9	Lg	08:57:54.317	-1.8					T__				---		5555502	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOLS	0.97	85.8	Sn	08:58:06.852	2.1					T__				---		5555504	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
PSZ	1.13	212.7	Sn	08:58:08.204	0.1					T__				---		5555505	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
2020/09/17	09:10:13.40	0.92	0.57	48.4201	19.1326	7.2	3.6	11	0.0f		10	6	154	0.21	0.98	sx	BUD	16002184	BUD		257	

Magnitude Err Nsta Author OrigID
ML 1.5 0.5 4 BUD 16002184

Sta	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	290.6	Pg	09:10:17.971	0.0					T__		70.1		---	ML	0.7	5555538	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.21	290.6	Lg	09:10:21.101	-0.3					T__				---		5555539	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
HU10A	0.58	187.6	Lg	09:10:35.301	0.5					T__				---		5555542	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.72	134.3	Lg	09:10:38.686	-0.9					T__				---		5555543	FDSN	GE	--	BUD	iLoc	HNN	???	_	
KECS	0.90	85.5	Pg	09:10:31.700	0.3					T__		116.9		---	ML	2.1	5555535	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.90	85.5	Lg	09:10:45.613	0.8					T__				---		5555534	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
JOS	0.94	84.9	Pg	09:10:31.990	-0.0					T__		26.8		---	ML	1.5	5555537	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.94	84.9	Lg	09:10:45.824	-0.2					T__				---		5555536	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.98	107.3	Pn	09:10:33.362	-0.1					T__		32.5		---	ML	1.6	5555540	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	107.3	Lg	09:10:47.669	-0.6					T__				---		5555541	FDSN	ZJ	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
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2020/09/17 09:50:33.96 0.37 1.18 48.2611 21.2306 5.9 3.1 157 0.0 0.0 12 0 151 0.04 0.97 kx BUD 16002186 BUD
 2020/09/17 09:50:32.05 0.93 0.61 48.2470 21.2460f 0.0f 12 7 153 0.05 0.97 kx BUD_GT 16002187 BUD 206
 (locality : Tálya Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.9 0.2 6 BUD 16002187

Sta	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	09:50:33.791	0.2					T__		6301.1		---	ML	2.2 5555576	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:50:35.218	-0.0					T__				---		5555577	FDSN	HU	--	iLoc	BUD	HHN	???	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																								
HU02A	0.50	255.8	Pg	09:50:42.405	-0.2					T__		72.4		---	ML	1.5 5555578	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:50:49.966	-0.8					T__				---		5555579	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																								
JOS	0.53	298.1	Pg	09:50:43.115	0.3					T__		80.0		---	ML	1.7 5555580	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:50:50.360	-0.6					T__				---		5555581	FDSN	ZJ	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
KECS	0.56	295.3	Pg	09:50:43.755	0.4					T__		141.2		---	ML	2.0 5555582	FDSN	SK	--	iLoc	BUD	EHE	EHZ	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
TRPA	0.87	97.2	Lg	09:51:02.498	-1.0					T__				---		5555583	FDSN	HU	--	iLoc	BUD	HHZ	???	_
PSZ	0.96	250.6	Pn	09:50:52.594	0.7					T__		58.9		---	ML	1.8 5555586	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:51:06.796	-0.0					T__				---		5555587	FDSN	GE	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
KOLS	0.97	44.4	Pg	09:50:50.518	-0.0					T__		10835.7		---	ML	4.1 5555584	FDSN	SK	--	iLoc	BUD	HHZ	HHZ	_
KOLS	0.97	44.4	Lg	09:51:07.455	1.1					T__				---		5555585	FDSN	SK	--	iLoc	BUD	HHE	???	_
(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
2020/09/17	10:40:31.42	2.36	0.92	48.7646	21.1957	14.4	8.0	70	0.0f		7	5	218	0.47	0.88	sx	BUD	16002188	BUD			297

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 2 BUD 16002188

Sta	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	176.4	Lg	10:40:47.822	-1.2					T__				---		5555621	FDSN	HU	--	BUD	iLoc	HHE	???	_
JOS	0.51	238.5	Pg	10:40:41.622	-0.0					T__		34.9		---	ML	1.3 5555617	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	238.5	Lg	10:40:49.203	-0.2					T__				---		5555618	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
KECS	0.55	239.4	Lg	10:40:50.002	-0.7					T__				---		5555620	FDSN	SK	--	BUD	iLoc	EHE	???	_
HU02A	0.78	215.0	Pg	10:40:48.270	0.7					T__		27.2		---	ML	1.4 5555615	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	215.0	Lg	10:41:00.683	1.0					T__				---		5555616	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								

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NIE 0.88 318.3 Lg 10:41:00.487 -0.1 T__ --- 5555619 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
2020/09/17 11:39:02.69 5.11 0.57 45.5196 17.2443 71.1 26.6 155 15.0f 5 3 239 0.83 1.20 ke BUD 16002190 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 0.83 46.2 Pn 11:39:18.099 -0.6 T__ 30.0 --- ML 1.4 5555651 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.83 46.2 Lg 11:39:29.881 0.0 T__ --- 5555652 FDSN HU -- BUD iLoc HHN ??? _
PTJ 0.97 293.9 Sn 11:39:35.765 0.3 T__ --- 5555655 FDSN CR -- BUD iLoc BHZ ??? _
MORH 1.20 54.1 Pn 11:39:24.102 0.4 T__ 30.2 --- ML 1.6 5555653 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.20 54.1 Sn 11:39:40.237 0.3 T__ --- 5555654 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
2020/09/17 11:40:46.10 1.95 1.33 46.1200 16.7293 17.3 6.8 129 12.0f 6 4 229 0.47 0.93 ke BUD 16002192 BUD 293

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 3 BUD 16002192

Sta 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 0.47 314.8 Lg 11:41:01.814 -0.1 T__ --- 5555693 FDSN SL -- BUD iLoc BHZ ??? _
PTJ 0.57 248.4 Pg 11:40:57.488 -0.0 T__ 69.3 --- ML 1.7 5555691 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.57 248.4 Lg 11:41:04.365 -1.8 T__ --- 5555692 FDSN CR -- BUD iLoc BHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A261A 0.88 19.0 Pg 11:41:03.044 -0.1 T__ 384.6 --- ML 2.6 5555696 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
CRES 0.93 252.1 Pg 11:41:04.891 1.4 T__ 38.2 --- ML 1.6 5555694 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.93 252.1 Lg 11:41:17.463 0.4 T__ --- 5555695 FDSN SL -- 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
2020/09/18 04:44:47.69 0.95 1.31 47.7649 16.1212 5.6 4.1 164 5.1 19.4 15 9 113 0.24 1.61 ke BUD 16002194 BUD 167

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 6 BUD 16002194

Sta 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 0.24 313.2 Pg 04:44:52.112 -0.6 T__ 191.6 --- ML 1.2 5555733 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.24 313.2 Lg 04:44:55.718 -0.5 T__ --- 5555734 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
A004A 0.27 43.0 Lg 04:44:59.499 2.4 T__ --- 5555738 FDSN Z3 00 BUD iLoc HHN ??? _
SOP 0.31 105.3 Pg 04:44:52.634 -1.3 T__ 135.0 --- ML 1.3 5555731 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.31 105.3 Lg 04:44:58.828 0.5 T__ --- 5555732 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1

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(Station ML: 1.3 magdef=1
ARSA 0.66 218.4 Pg 04:45:00.173 -0.2 T__ 61.5 --- ML 1.7 5555735 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.66 218.4 Lg 04:45:09.825 1.1 T__ --- 5555736 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A008A 0.68 332.7 Pg 04:45:00.656 -0.1 T__ 95.6 --- ML 1.9 5555737 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
A018A 0.70 268.7 Pg 04:45:01.440 0.0 T__ 61.2 --- ML 1.7 5555739 FDSN Z3 00 BUD iLoc HHZ HHZ _
A018A 0.70 268.7 Lg 04:45:11.552 1.3 T__ --- 5555740 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 0.99 51.4 Pg 04:45:06.952 -0.4 T__ --- 5555741 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.99 51.4 Sn 04:45:20.306 -2.0 T__ --- 5555742 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.31 7.9 Pn 04:45:11.314 -0.8 T__ 41.3 --- ML 1.8 5555743 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.31 7.9 Sn 04:45:28.331 -1.5 T__ --- 5555744 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CKRC 1.61 311.8 Sn 04:45:37.405 -0.1 T__ --- 5555745 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
2020/09/18 06:40:34.37 1.66 1.30 48.4181 21.4067 9.7 7.4 98 0.0f 8 5 174 0.17 0.77 sx BUD 16002196 BUD 304

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.1 3 BUD 16002196

```

```

Sta 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 0.17 222.4 Pg 06:40:38.801 0.7 T__ 273.1 --- ML 1.2 5555778 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.17 222.4 Lg 06:40:40.958 -0.5 T__ --- 5555779 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
JOS 0.58 278.0 Pg 06:40:47.047 1.0 T__ 26.4 --- ML 1.2 5555775 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.58 278.0 Lg 06:40:53.714 -1.2 T__ --- 5555776 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.62 276.4 Lg 06:40:55.318 -0.8 T__ --- 5555777 FDSN SK -- BUD iLoc EHN ??? _
HU02A 0.66 243.6 Pg 06:40:47.901 -0.2 T__ 26.1 --- ML 1.3 5555780 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.66 243.6 Lg 06:40:57.514 -1.0 T__ --- 5555781 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KOLS 0.77 47.8 Lg 06:40:59.839 -1.9 T__ --- 5555782 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
2020/09/18 08:07:41.12 3.60 0.55 48.5470 20.8074 20.3 12.4 56 0.0f 7 4 309 0.19 0.88 sx BUD 16002198 BUD 330

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.0 3 BUD 16002198

```

```

Sta 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 0.19 254.1 Pg 08:07:45.096 0.1 T__ 115.3 --- ML 0.9 5555805 FDSN ZJ -- BUD iLoc HHZ HHZ _

```

JOS	0.19	254.1	Lg	08:07:48.318	0.2	T__								5555806	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																						
(Station ML: 0.9 magdef=1)																						
KECS	0.22	253.5	Pg	08:07:45.504	-0.3	T__	700.9							5555808	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.22	253.5	Lg	08:07:49.396	-0.0	T__								5555807	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
HU02A	0.47	204.0	Lg	08:07:58.575	0.0	T__								5555809	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.88	224.5	Pn	08:08:00.796	1.0	T__	59.2							5555811	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	224.5	Lg	08:08:12.697	-0.1	T__								5555810	FDSN	GE	--	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
2020/09/18	08:24:32.87	1.04	0.23	46.1388	18.3032	11.1	3.7	158	0.0f	5	3	178	0.15	0.39	sx	BUD	16002200	BUD			284	

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	0.15	250.4	Pg	08:24:36.469	-0.1					T__		429.4			ML	1.4	5555842	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	250.4	Lg	08:24:39.731	0.2					T__						5555843	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
MORH	0.25	72.0	Pg	08:24:38.468	0.1					T__	102.7				ML	1.0	5555844	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
MORH	0.25	72.0	Lg	08:24:42.663	-0.2					T__						5555845	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
A266A	0.39	356.1	Lg	08:24:47.547	0.0					T__						5555846	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
2020/09/18	09:08:30.65	0.98	0.97	47.4185	18.7811	6.3	2.9	161	0.0f	15	9	185	0.18	1.08	sx	BUD	16002202	BUD			198	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	8 BUD	16002202

Sta	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	0.18	68.3	Pg	09:08:35.272	0.4					T__		321.7			ML	1.3	5555955	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BUD	0.18	68.3	Lg	09:08:37.849	-0.7					T__						5555956	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU09A	0.35	309.3	Pg	09:08:39.376	1.3					T__	243.3				ML	1.7	5555949	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.35	309.3	Lg	09:08:42.545	-1.8					T__						5555950	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CSKK	0.36	261.3	Pg	09:08:37.916	-0.3					T__	384.2				ML	1.9	5555951	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.36	261.3	Lg	09:08:43.834	-0.9					T__						5555952	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU10A	0.46	20.5	Pg	09:08:40.566	0.2					T__	137.1				ML	1.7	5555953	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.46	20.5	Lg	09:08:47.430	-0.6					T__						5555954	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	


```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU08A 0.58 271.6 Pg 09:08:42.773 0.2 T__ 79.0 ___ ML 1.7 5555957 FDSN ZJ 00 BUD iLoc HHE HHZ _
HU08A 0.58 271.6 Lg 09:08:51.900 -0.3 T__ ___ 5555958 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU03A 0.74 48.4 Pg 09:08:46.704 0.6 T__ 133.6 ___ ML 2.0 5555959 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
MPLH 0.88 254.1 Lg 09:09:02.727 1.3 T__ ___ 5555960 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.90 56.0 Pn 09:08:50.482 0.8 T__ 98.7 ___ ML 2.0 5555961 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 1.08 1.9 Pn 09:08:52.503 0.4 T__ 17.0 ___ ML 1.3 5555962 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.08 1.9 Lg 09:09:07.021 -1.2 T__ ___ 5555963 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
2020/09/18	09:35:54.32	4.28	2.29	46.9149	22.8627	32.1	22.2	171	6.9	15.0	6	3	309	0.16	1.52	sx	BUD	16002204	BUD		347	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	3 BUD	16002204

```

Sta 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 0.16 220.2 Pg 09:35:58.290 0.2 T__ 314.7 ___ ML 1.2 5555997 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.16 220.2 Lg 09:36:00.736 -0.5 T__ ___ 5555998 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
SIRR 1.05 232.5 Pn 09:36:12.154 -2.3 T__ 22.4 ___ ML 1.4 5556002 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 1.05 232.5 Lg 09:36:30.380 1.1 T__ ___ 5556001 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
GZR 1.52 182.3 Pg 09:36:23.381 0.1 T__ 36.8 ___ ML 1.9 5555999 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.52 182.3 Sn 09:36:43.921 1.9 T__ ___ 5556000 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
2020/09/18	10:09:49.01	0.90	0.47	48.4023	17.2629	5.6	3.3	93	0.0f		11	7	111	0.03	1.05	sx	BUD	16002206	BUD		157	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	6 BUD	16002206

```

Sta 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 0.03 161.4 Pg 10:09:50.426 0.2 T__ ___ 5556032 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.03 161.4 Lg 10:09:51.965 0.3 T__ ___ 5556033 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.23 207.5 Pg 10:09:54.148 -0.0 T__ 52652.9 ___ ML 3.7 5556034 FDSN SK -- BUD iLoc HHZ HHZ _
ZST 0.23 207.5 Lg 10:09:57.540 -0.8 T__ ___ 5556035 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 3.7 magdef=1

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```

(Station ML: 3.7 magdef=0
JAVC 0.53 30.5 Pg 10:09:59.934 -0.2 T__ 76.3 ___ ML 1.7 5556036 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.53 30.5 Lg 10:10:08.455 -0.3 T__ ___ 5556037 FDSN CZ -- BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KRUC 0.88 319.3 Pg 10:10:06.432 0.6 T__ 32.3 ___ ML 1.5 5556038 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.88 319.3 Lg 10:10:18.635 -0.1 T__ ___ 5556039 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A331A 0.98 39.9 Pn 10:10:09.956 0.5 T__ 51.8 ___ ML 1.8 5556041 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VRAC 1.01 334.3 Pn 10:10:10.302 0.5 T__ 14.2 ___ ML 1.2 5556042 FDSN CZ -- BUD iLoc HHN HHZ _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
VYHS 1.05 84.4 Pn 10:10:10.747 0.4 T__ 13.5 ___ ML 1.2 5556040 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
2020/09/18 12:04:46.81 1.47 1.72 47.7910 20.2497 17.8 4.5 154 0.0 0.0 6 0 245 0.27 0.83 kx BUD 16002208 BUD
2020/09/18 12:04:45.69 1.01 0.86 47.8650 20.1529f 0.0f 6 4 224 0.18 0.76 kx BUD_GT 16002209 BUD 246
(locality : Kisanána Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.3 2 BUD 16002209

```

```

Sta 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 12:04:50.231 0.1 T__ 343.0 ___ ML 1.3 5556071 FDSN GE -- iLoc BUD HHZ HHZ _
PSZ 0.18 287.2 Lg 12:04:53.229 -0.6 T__ ___ 5556072 FDSN GE -- iLoc BUD HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.36 44.0 Pg 12:04:53.262 -0.3 T__ 41.2 ___ ML 0.9 5556069 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU02A 0.36 44.0 Lg 12:04:59.180 -0.5 T__ ___ 5556070 FDSN ZJ 00 iLoc BUD HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
JOS 0.68 22.1 Lg 12:05:11.453 1.7 T__ ___ 5556073 FDSN ZJ -- iLoc BUD HHZ ??? _
HU10A 0.76 268.9 Sn 12:05:16.481 0.5 T__ ___ 5556074 FDSN ZJ 00 iLoc BUD HHZ ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/09/19 08:38:59.54 0.50 0.63 46.1379 18.3107 8.4 4.4 156 0.0 0.0 5 0 179 0.15 0.39 kx BUD 16002210 BUD
2020/09/19 08:38:58.01 1.01 0.32 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 16002211 BUD 275
(locality : Komló Hungary)
(description : known quarry blast)
(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	08:39:01.784	-0.1					T__		640.2		---	ML	1.6	5073403	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:39:04.729	-0.2					T__				---		5073404	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
MORH	0.25	80.9	Pg	08:39:03.782	0.3					T__		196.1		---	ML	1.3	5073405	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:39:07.491	-0.4					T__				---		5073406	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
A266A	0.35	356.8	Lg	08:39:11.692	0.3					T__				---		5073407	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	
2020/09/19	09:22:17.64	1.05	0.64	47.8002	16.1185	6.8	5.6	20	9.0f		10	8	105	0.22	1.58	ke	BUD	16002212	BUD			163	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	16002212

Sta	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	306.6	Pg	09:22:22.254	-0.2					T__		73.7		---	ML	0.8	5556120	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.22	306.6	Lg	09:22:25.463	-0.3					T__				---		5556121	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
SOP	0.32	111.4	Lg	09:22:28.707	-0.1					T__				---		5556125	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A008A	0.65	331.4	Pg	09:22:30.736	0.6					T__		48.4		---	ML	1.5	5556126	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ARSA	0.68	216.5	Lg	09:22:39.823	0.2					T__				---		5556122	FDSN	OE	--	BUD	iLoc	HHE	???	_	
A019A	0.78	243.5	Pg	09:22:32.879	-0.2					T__		28.5		---	ML	1.4	5556124	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	0.78	243.5	Lg	09:22:43.268	0.2					T__				---		5556123	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MODS	0.97	53.1	Sn	09:22:50.388	-0.7					T__				---		5556127	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KRUC	1.28	8.2	Sn	09:22:58.522	0.3					T__				---		5556128	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
CKRC	1.58	310.9	Sn	09:23:07.397	1.3					T__				---		5556129	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		
2020/09/20	13:01:12.88	1.01	0.89	45.8733	16.0328	8.4	5.9	152	4.5		7.8	16	10	70	0.06	1.85	ke	BUD	16002214	BUD			133	

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	8 BUD	16002214

Sta	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	214.7	Pg	13:01:14.939	0.5					T__		24985.1		---	ML	2.9	5556197	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.06	214.7	Lg	13:01:16.822	1.3					T__				---		5556203	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=0)																									
PTJ	0.06	306.7	Pg	13:01:14.180	-0.5					T__		7998.2		---	ML	2.4	5556198	FDSN	CR	--	BUD	iLoc	BHN	BHZ	_
PTJ	0.06	306.7	Lg	13:01:15.310	-1.0					T__				---		5556199	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									

CRES	0.41	263.5	Pg	13:01:20.766	-0.1	T__	156.0	___	ML	1.6	5556201	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.41	263.5	Lg	13:01:26.618	-0.2	T__		---			5556202	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
KOGS	0.59	14.7	Pg	13:01:24.566	-0.1	T__	386.3	___	ML	2.4	5556200	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
BEHE	0.79	40.6	Pn	13:01:29.773	-0.3	T__	209.3	___	ML	2.3	5556204	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.79	40.6	Sn	13:01:42.528	0.0	T__		---			5556205	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
OBKA	1.21	302.2	Pn	13:01:36.053	-0.6	T__	95.6	___	ML	2.2	5556206	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.21	302.2	Lg	13:01:51.919	-0.1	T__		---			5556207	FDSN	OE	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
BLY	1.39	143.8	Lg	13:01:58.847	1.4	T__		---			5556210	FDSN	MN	--	BUD	iLoc	HHN	???	_
ARSA	1.42	345.9	Pg	13:01:40.077	0.7	T__	34.3	___	ML	1.8	5556208	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.42	345.9	Lg	13:01:58.751	0.6	T__		---			5556209	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KOVH	1.46	80.8	Lg	13:02:01.176	1.2	T__		---			5556211	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.85	78.4	Pg	13:01:46.598	-1.2	T__	27.4	___	ML	2.0	5556212	FDSN	HU	--	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	
2020/09/20	16:37:36.51	0.86	1.12	47.7792	16.0784	4.5	3.6	45	9.0f		22	12	96	0.21	1.57	ke	BUD	16002216	BUD			191	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	10 BUD	16002216

Sta	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	0.21	315.7	Pg	16:37:40.812	-0.4					T__		240.7		___	ML	1.3	5556270	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.21	315.7	Lg	16:37:44.409	-0.0					T__				---		5556271	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
A004A	0.28	49.3	Pg	16:37:42.663	0.3					T__		444.1		___	ML	1.7	5556268	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.28	49.3	Lg	16:37:47.713	1.2					T__				---		5556269	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
SOP	0.34	106.3	Pg	16:37:42.900	-0.6					T__		147.7		___	ML	1.4	5556272	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.34	106.3	Lg	16:37:47.187	-1.1					T__				---		5556273	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
A005B	0.60	8.1	Pg	16:37:48.781	0.5					T__		118.0		___	ML	1.9	5556276	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.60	8.1	Lg	16:37:57.053	0.3					T__				---		5556277	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ARSA	0.65	215.6	Pg	16:37:49.103	-0.1					T__		79.3		___	ML	1.8	5556274	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.65	215.6	Lg	16:37:57.529	0.1					T__				---		5556275	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

A006A	0.96	357.7	Pg	16:37:54.689	-0.5	T__	122.9	---	ML	2.1	5556278	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.96	357.7	Lg	16:38:07.297	-1.9	T__		---			5556279	FDSN	Z3	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.1 magdef=1)																		
	(Station ML: 2.1 magdef=1)																		
MODS	1.00	53.1	Pn	16:37:55.555	-0.6	T__		---			5556280	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.00	53.1	Sn	16:38:08.048	-2.8	T__		---			5556281	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MPLH	1.16	121.0	Pg	16:38:01.008	1.7	T__	43.4	---	ML	1.8	5556282	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 1.8 magdef=1)																		
	(Station ML: 1.8 magdef=1)																		
KRUC	1.30	9.2	Pn	16:38:00.025	-0.3	T__	40.2	---	ML	1.8	5556283	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.30	9.2	Sn	16:38:17.153	-0.6	T__		---			5556284	FDSN	CZ	--	BUD	iLoc	HHN	???	_
	(Reading ML: 1.8 magdef=1)																		
	(Station ML: 1.8 magdef=1)																		
TREC	1.57	345.7	Pn	16:38:05.003	0.9	T__	68.3	---	ML	2.2	5556287	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.57	345.7	Sn	16:38:24.965	0.9	T__		---			5556288	FDSN	CZ	--	BUD	iLoc	HHZ	???	_
	(Reading ML: 2.2 magdef=1)																		
	(Station ML: 2.2 magdef=0)																		
VRAC	1.57	12.4	Sn	16:38:23.816	-0.5	T__		---			5556289	FDSN	CZ	--	BUD	iLoc	HHE	???	_
CKRC	1.57	312.1	Pn	16:38:05.561	1.4	T__	70.4	---	ML	2.2	5556285	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.57	312.1	Sn	16:38:25.838	1.0	T__		---			5556286	FDSN	CZ	--	BUD	iLoc	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
2020/09/21	08:14:05.45	1.97	2.81	48.7815	20.0812	19.9	6.2	78	0.0f		7	5	155	0.40	1.18	sx	BUD	16002218	BUD			275

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	2 BUD	16002218

Sta	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	137.9	Lg	08:14:19.440	-0.3					T__						5556502	FDSN	SK	--	BUD	iLoc	EHE	???	_		
JOS	0.42	133.1	Pg	08:14:14.308	0.5					T__	92.0				---	ML	1.4	5556505	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.42	133.1	Lg	08:14:20.134	-0.1					T__						5556506	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
	(Reading ML: 1.4 magdef=1)																									
	(Station ML: 1.4 magdef=1)																									
NIE	0.65	12.6	Lg	08:14:26.509	-0.7					T__						5556507	FDSN	PL	--	BUD	iLoc	BHE	???	_		
HU02A	0.72	155.7	Pg	08:14:20.568	0.1					T__	41.1				---	ML	1.5	5556503	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	155.7	Lg	08:14:30.151	-1.5					T__						5556504	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_		
	(Reading ML: 1.5 magdef=1)																									
	(Station ML: 1.5 magdef=1)																									
HU10A	1.18	217.5	Sn	08:14:51.375	5.3					T__						5556508	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
2020/09/21	08:15:53.31	0.84	0.81	48.6755	18.6605	5.0	3.3	49	0.0f		17	11	88	0.22	1.36	sx	BUD	16002220	BUD			128

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	9 BUD	16002220

Sta	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	147.2	Pg	08:15:58.118	0.2					T__	54.8				---	ML	0.6	5556551	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

VYHS	0.22	147.2	Lg	08:16:00.462	-0.9	T__									5556552	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1)																							
(Station ML: 0.6 magdef=0)																							
A331A	0.56	328.8	Pg	08:16:03.806	-0.5	T__	80.3			ML	1.7	5556553	FDSN	Z3				00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
JAVC	0.68	286.0	Pg	08:16:07.797	0.5	T__	87.8			ML	1.8	5556554	FDSN	CZ				--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
LANS	0.71	47.9	Pg	08:16:07.654	0.2	T__	49.7			ML	1.6	5556555	FDSN	SK				--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
HU10A	0.86	163.8	Lg	08:16:23.491	-1.1	T__						5556557	FDSN	ZJ				00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
MODS	0.97	252.3	Pg	08:16:12.719	-0.1	T__						5556556	FDSN	SK				--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
HU03A	0.99	140.6	Pn	08:16:14.853	1.3	T__	72.3			ML	1.9	5556558	FDSN	ZJ				00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
HU03A	0.99	140.6	Lg	08:16:29.127	0.7	T__						5556559	FDSN	ZJ				00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
KECS	1.23	98.3	Pn	08:16:18.226	1.4	T__	91.5			ML	2.1	5556547	FDSN	SK				--	BUD	iLoc	EHE	EHZ	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=0)																							
KECS	1.23	98.3	Lg	08:16:34.427	-0.6	T__						5556548	FDSN	SK				--	BUD	iLoc	EHE	???	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=0)																							
JOS	1.26	97.5	Pn	08:16:17.568	0.3	T__	59.8			ML	2.0	5556545	FDSN	ZJ				--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
JOS	1.26	97.5	Lg	08:16:35.426	-0.6	T__						5556546	FDSN	ZJ				--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
MORC	1.32	326.8	Pg	08:16:18.264	0.4	T__	55.1			ML	2.0	5556560	FDSN	CZ				--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
MORC	1.32	326.8	Lg	08:16:36.569	0.3	T__						5556561	FDSN	CZ				--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
HU02A	1.36	113.3	Pn	08:16:19.883	1.1	T__	45.4			ML	1.9	5556549	FDSN	ZJ				00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
HU02A	1.36	113.3	Sn	08:16:39.292	0.4	T__						5556550	FDSN	ZJ				00	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
2020/09/21	08:33:35.17	1.92	0.67	48.0827	19.3516	17.3	11.1	126	0.0	0.0	5	0	309	0.24	0.79	kx	BUD	16002222	BUD			
2020/09/21	08:33:37.94	1.01	1.18	48.0061	19.6278f				0.0f		5	3	248	0.10	0.61	kx	BUD_GT	16002223	BUD			322
(locality : Nagylóc Hungary)																						
(description : known quarry blast)																						
(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	
HU03A	0.10	190.5	Pg	08:33:40.500	-0.0					T__		418.0			ML	1.2	5073904	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	08:33:41.749	-1.0					T__						5073905	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
PSZ	0.20	116.0	Pg	08:33:42.604	-0.2					T__		342.9			ML	1.4	5073906	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	08:33:48.699	2.1					T__						5073907	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									

(Station ML: 1.4 magdef=0
 HU02A 0.61 78.7 Lg 08:34:00.078 -0.5 T__ --- 5073908 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
 2020/09/21 08:52:31.44 0.89 1.38 48.4912 17.5095 5.3 3.2 140 0.0f 11 6 133 0.19 1.24 sx BUD 16002224 BUD 206

Magnitude Err Nsta Author OrigID
 ML 1.6 0.3 4 BUD 16002224

Sta 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 0.19 232.8 Pg 08:52:35.255 -0.7 T__ --- 5556623 FDSN SK -- BUD iLoc HHZ ??? _
 MODS 0.19 232.8 Lg 08:52:38.674 -1.0 T__ --- 5556624 FDSN SK -- BUD iLoc HHZ ??? _
 JAVC 0.38 16.1 Pg 08:52:38.832 -0.8 T__ 106.9 --- ML 1.4 5556626 FDSN CZ -- BUD iLoc HHZ HHZ _
 JAVC 0.38 16.1 Lg 08:52:45.170 -0.9 T__ --- 5556627 FDSN CZ -- BUD iLoc HHE ??? _

(Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=1

ZST 0.40 222.8 Lg 08:52:47.130 0.8 T__ --- 5556625 FDSN SK -- BUD iLoc HHZ ??? _
 VYHS 0.88 89.3 Pg 08:52:48.355 -0.9 T__ 16.3 --- ML 1.2 5556629 FDSN SK -- BUD iLoc HHZ HHZ _
 VYHS 0.88 89.3 Lg 08:53:04.885 2.8 T__ --- 5556628 FDSN SK -- BUD iLoc HHN ??? _

(Reading ML: 1.2 magdef=1
 (Station ML: 1.2 magdef=1

KRUC 0.93 308.2 Pg 08:52:50.435 1.1 T__ 68.6 --- ML 1.9 5556630 FDSN CZ -- BUD iLoc HHZ HHZ _
 KRUC 0.93 308.2 Lg 08:53:03.875 0.8 T__ --- 5556631 FDSN CZ -- BUD iLoc HHE ??? _

(Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1

CONA 1.24 243.5 Pn 08:52:55.437 -0.3 T__ 44.1 --- ML 1.8 5556632 FDSN OE -- BUD iLoc HHZ HHZ _
 CONA 1.24 243.5 Lg 08:53:12.822 1.0 T__ --- 5556633 FDSN OE -- 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
 2020/09/21 09:45:48.05 1.01 1.43 48.7431 21.6512 16.3 4.2 158 0.0f 11 7 165 0.45 1.50 sx BUD 16002226 BUD 283

Magnitude Err Nsta Author OrigID
 ML 2.0 0.1 5 BUD 16002226

Sta 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 64.9 Pg 09:45:56.583 -0.3 T__ 31006.5 --- ML 4.1 5556672 FDSN SK -- BUD iLoc HHZ HHZ _
 KOLS 0.45 64.9 Lg 09:46:05.840 1.4 T__ --- 5556673 FDSN SK -- BUD iLoc HHE ??? _

(Reading ML: 4.1 magdef=1
 (Station ML: 4.1 magdef=0

JOS 0.78 251.9 Pg 09:46:02.774 -0.7 T__ 87.0 --- ML 1.9 5556666 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 0.78 251.9 Lg 09:46:16.398 1.3 T__ --- 5556667 FDSN ZJ -- BUD iLoc HHE ??? _

(Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=0

KECS 0.82 251.8 Pg 09:46:05.273 1.0 T__ 404.5 --- ML 2.6 5556664 FDSN SK -- BUD iLoc EHN EHZ _
 KECS 0.82 251.8 Lg 09:46:15.556 -0.9 T__ --- 5556665 FDSN SK -- BUD iLoc EHN ??? _

(Reading ML: 2.6 magdef=1
 (Station ML: 2.6 magdef=1

HU02A 0.97 230.8 Pn 09:46:07.423 -0.5 T__ 87.5 --- ML 2.0 5556668 FDSN ZJ 00 BUD iLoc HHZ HHZ _

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HU02A  0.97 230.8 Lg      09:46:21.474  -1.4          T__          ---          5556669      FDSN ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1
NIE    1.12 307.8 Lg      09:46:25.127  -0.5          T__          ---          5556670      FDSN PL      -- BUD  iLoc  BHE ??? _
PSZ    1.43 235.5 Sn      09:46:38.318   2.9          T__          ---          5556671      FDSN GE      -- BUD  iLoc  HHN ??? _
LANS   1.50 286.6 Pn      09:46:15.785   0.3          T__          36.2         --- ML      1.9 5556674    FDSN SK      -- BUD  iLoc  EHZ EHZ _
(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
2020/09/22 08:49:07.90  3.53  0.41 48.9366  20.9946  37.0  8.5 152  0.0f      7   4 232  0.53  0.87  sx BUD      16002236  BUD                344

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Magnitude Err Nsta Author      OrigID
ML      1.6 0.2   3 BUD      16002236

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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  0.53 214.5 Pg      08:49:18.756  0.2          T__          50.0          --- ML      1.5 5557012  FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS  0.53 214.5 Lg      08:49:26.232 -0.4          T__          ---          5557013  FDSN ZJ      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
KECS 0.57 216.8 Pg      08:49:19.210  0.0          T__          118.9         --- ML      1.9 5557010  FDSN SK      -- BUD  iLoc  EHE EHZ _
KECS 0.57 216.8 Lg      08:49:27.369 -0.3          T__          ---          5557011  FDSN SK      -- BUD  iLoc  EHE ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
KOLS 0.84 89.7 Lg      08:49:37.052 -0.5          T__          ---          5557015  FDSN SK      -- BUD  iLoc  HHE ??? _
HU02A 0.87 201.1 Pg      08:49:26.233  0.4          T__          45.5          --- ML      1.6 5557014  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 0.87 201.1 Lg      08:49:39.264  0.1          T__          ---          5557009  FDSN ZJ      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
2020/09/22 09:15:49.53  0.43  0.75 47.8398  19.1348  7.3   3.4 171  0.0  0.0  8   0 167  0.08  0.98  kx BUD      16002238  BUD                197
2020/09/22 09:15:47.64  0.93  1.23 47.8355  19.1270f  0.0f      8   5 168  0.07  0.98  kx BUD_GT  16002239  BUD                197
(locality : Sejce-Vác Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author      OrigID
ML      1.8 0.3   3 BUD      16002239

```

```

Sta  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      09:15:49.880  0.2          T__          3053.0         --- ML      2.0 5074350  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU10A 0.07 277.6 Lg      09:15:50.985 -0.5          T__          ---          5074351  FDSN ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1
PSZ   0.52 80.6 Lg      09:16:06.693 -0.8          T__          ---          5074352  FDSN GE      -- BUD  iLoc  HHE ??? _
HU09A 0.54 248.9 Lg      09:16:08.030  0.2          T__          ---          5074356  FDSN ZJ      00 BUD  iLoc  HHE ??? _
VYHS  0.69 343.6 Pg      09:16:02.655  1.0          T__          20.3          --- ML      1.2 5074354  FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS  0.69 343.6 Lg      09:16:12.097  0.2          T__          ---          5074355  FDSN SK      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.2 magdef=1

```



```

(Station ML: 1.2 magdef=1
HU02A 0.98 72.5 Pn 09:16:07.971 0.3 T__ 52.1 ___ ML 1.8 5074357 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.98 72.5 Lg 09:16:20.527 -2.9 T__ ___ 5074353 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
2020/09/22 10:27:43.90 1.31 0.78 46.1106 21.6956 12.3 4.2 94 5.3 28.7 8 4 164 0.16 1.04 sx BUD 16002240 BUD 219

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.6 4 BUD 16002240

```

```

Sta 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 0.16 351.0 Pg 10:27:47.656 0.1 T__ 426.2 ___ ML 1.4 5557073 FDSN RO -- BUD iLoc HHN HHZ _
SIRR 0.16 351.0 Lg 10:27:50.233 -0.1 T__ ___ 5557074 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
BZS 0.50 186.4 Pg 10:27:54.047 0.4 T__ 80.9 ___ ML 1.6 5557075 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.50 186.4 Lg 10:28:00.122 -0.7 T__ ___ 5557076 FDSN RO -- BUD iLoc HHZ ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 0.98 45.5 Pg 10:28:03.554 0.3 T__ 251.1 ___ ML 2.4 5557071 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.98 45.5 Lg 10:28:16.166 -0.7 T__ ___ 5557072 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
GZR 1.04 133.1 Pg 10:28:04.357 0.6 T__ 110.7 ___ ML 2.1 5557077 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.04 133.1 Lg 10:28:17.402 -1.0 T__ ___ 5557078 FDSN RO -- BUD iLoc 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
2020/09/22 11:51:42.30 1.00 0.75 47.4364 16.3308 5.9 4.4 172 0.0f 10 6 144 0.29 1.13 sx BUD 16002242 BUD 217

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 4 BUD 16002242

```

```

Sta 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 31.9 Pg 11:51:47.908 -0.5 T__ 146.3 ___ ML 1.3 5557109 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.29 31.9 Lg 11:51:52.366 -0.4 T__ ___ 5557110 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ARSA 0.58 251.6 Pg 11:51:53.304 -0.2 T__ 94.9 ___ ML 1.8 5557111 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.58 251.6 Lg 11:52:00.261 -0.6 T__ ___ 5557112 FDSN OE -- BUD iLoc HHZ ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CONA 0.59 327.4 Pg 11:51:54.233 0.2 T__ 61.0 ___ ML 1.6 5557107 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.59 327.4 Lg 11:52:02.768 1.0 T__ ___ 5557108 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MPLH 0.86 107.5 Pg 11:52:00.275 0.5 T__ 82.7 ___ ML 1.9 5557113 FDSN HU -- BUD iLoc HHZ HHZ _

```

MPLH	0.86	107.5	Lg	11:52:13.057	0.5					T__					5557114	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
A013A	0.88	315.5	Lg	11:52:11.583	0.7					T__					5557115	FDSN	Z3	00	BUD	iLoc	HHE	???	_
MODS	1.13	33.8	Sn	11:52:20.651	-0.9					T__					5557116	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
2020/09/23	06:34:18.04	3.76	0.32	48.0947	20.6079	24.4	7.7	138	0.0f		6	3	302	0.06	0.40	sx	BUD	16002246	BUD			354

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.4	3 BUD	16002246

Sta	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	0.06	296.4	Pg	06:34:19.913	-0.0					T__		189.9			ML	0.8	5557206	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_
HU02A	0.06	296.4	Lg	06:34:21.820	0.1					T__						5557207	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KECS	0.40	348.2	Pg	06:34:26.567	0.4					T__		264.0			ML	1.8	5557205	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.40	348.2	Lg	06:34:32.426	0.0					T__						5557204	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.40	353.5	Pg	06:34:26.127	-0.1					T__		40.1			ML	1.0	5557202	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.40	353.5	Lg	06:34:32.248	-0.4					T__						5557203	FDSN	ZJ	--	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
2020/09/23	08:47:38.03	3.97	0.21	48.5238	20.7623	23.4	11.7	52	0.0f		5	3	302	0.15	0.43	sx	BUD	16002248	BUD			358

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.4	2 BUD	16002248

Sta	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	259.4	Pg	08:47:41.350	0.1					T__		118.2			ML	0.8	5557229	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	259.4	Lg	08:47:44.046	0.2					T__						5557230	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KECS	0.19	257.6	Pg	08:47:41.916	-0.1					T__		281.0			ML	1.3	5557227	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.19	257.6	Lg	08:47:44.980	-0.2					T__						5557228	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.43	201.6	Lg	08:47:54.368	0.0					T__						5557231	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
2020/09/23	09:44:22.36	1.02	0.52	48.2491	21.2240	6.8	4.1	159	0.0f		13	8	130	0.05	0.98	sx	BUD	16002250	BUD			182

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	6 BUD	16002250

Sta	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	12.6	Pg	09:44:23.964	0.1					T__		20844.9		---	ML	2.8	5557261	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	12.6	Lg	09:44:24.825	-0.7					T__				---		5557262	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.8 magdef=1)																					
				(Station ML: 2.8 magdef=1)																					
HU02A	0.48	255.1	Pg	09:44:32.544	-0.1					T__		111.6		---	ML	1.7	5557263	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	255.1	Lg	09:44:40.513	-0.0					T__				---		5557264	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=0)																					
JOS	0.52	298.7	Pg	09:44:33.340	0.5					T__		93.0		---	ML	1.7	5557265	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	298.7	Lg	09:44:40.336	-0.4					T__				---		5557266	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
KECS	0.55	295.7	Lg	09:44:41.953	0.3					T__				---		5557267	FDSN	SK	--	BUD	iLoc	EHE	???	_	
TRPA	0.89	97.2	Pg	09:44:40.113	0.5					T__		138.9		---	ML	2.1	5557269	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.89	97.2	Lg	09:44:53.539	-0.7					T__				---		5557268	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
HU23A	0.90	227.4	Sn	09:44:55.208	-0.6					T__				---		5557271	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.95	250.1	Pg	09:44:42.540	0.1					T__		74.6		---	ML	1.9	5557273	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.95	250.1	Lg	09:44:55.966	-0.7					T__				---		5557272	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
KOLS	0.98	45.1	Pn	09:44:42.672	0.3					T__		12632.9		---	ML	4.1	5557270	FDSN	SK	--	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
2020/09/23	10:05:13.38	3.43	1.19	47.8536	16.2786	22.2	8.2	75	0.0f		8	6	216	0.29	1.63	sx	BUD	16002252	BUD			273

Magnitude Err Nsta Author OrigID

Sta	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	0.29	285.1	Pg	10:05:19.507	0.2					T__		254.4		---	ML	1.5	5557303	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	285.1	Lg	10:05:22.110	-1.3					T__				---		5557304	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AO13A	0.62	290.0	Lg	10:05:34.005	0.5					T__				---		5557307	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
ARSA	0.79	220.6	Pg	10:05:28.017	-0.7					T__		60.7		---	ML	1.7	5557308	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.79	220.6	Lg	10:05:39.271	0.6					T__				---		5557306	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AO18A	0.82	262.7	Lg	10:05:40.008	0.5					T__				---		5557305	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MODS	0.85	51.8	Lg	10:05:51.326	7.5					---				---		5557309	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.21	3.6	Sn	10:05:56.197	2.0					T__				---		5557310	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
CKRC	1.63	307.1	Sn	10:06:05.020	0.2					T__				---		5557311	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
2020/09/23	10:13:50.12	3.62	2.29	47.9288	16.2818	22.5	10.8	66	0.0f		7	4	213	0.28	1.14	sx	BUD	16002254	BUD			307

Magnitude Err Nsta Author OrigID
ML 1.5 0.2 3 BUD 16002254

Sta	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	0.28	270.0	Pg	10:13:55.450	-0.5	T__	167.9	___	ML	1.3	5557332	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	270.0	Lg	10:13:58.921	-1.0	T__		---			5557333	FDSN	OE	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
A018A	0.83	257.6	Pg	10:14:07.955	1.7	T__	33.4	___	ML	1.5	5557334	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.83	257.6	Lg	10:14:18.528	1.8	T__		---			5557335	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
ARSA	0.85	217.4	Pg	10:14:06.748	0.2	T__	42.8	___	ML	1.6	5557337	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.85	217.4	Lg	10:14:16.371	-0.9	T__		---			5557336	FDSN	OE	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
KRUC	1.14	3.8	Sn	10:14:32.736	3.6	T__		---			5557338	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
2020/09/23	10:24:55.77	0.96	0.71	48.4396	19.5679	9.3	3.7	7	0.0f		8	5	168	0.49	0.71	sx	BUD	16002256	BUD			287

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	3 BUD	16002256

Sta	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	276.7	Pg	10:25:06.094	0.3					T__		18.1		---	ML	0.9	5557368	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.49	276.7	Lg	10:25:12.643	-0.5					T__				---		5557369	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
PSZ	0.57	157.1	Lg	10:25:16.741	-0.1					T__				---		5557367	FDSN	GE	--	BUD	iLoc	HHE	???	_	
KECS	0.61	85.6	Lg	10:25:17.287	-0.0					T__				---		5557362	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
JOS	0.65	84.7	Pg	10:25:09.154	0.4					T__		50.1		---	ML	1.6	5557363	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	84.7	Lg	10:25:17.859	-0.7					T__				---		5557364	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.71	116.1	Pg	10:25:11.120	0.5					T__		42.9		---	ML	1.5	5557365	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	116.1	Lg	10:25:20.660	-1.1					T__				---		5557366	FDSN	ZJ	00	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
2020/09/23	12:02:39.46	1.40	0.90	46.6106	22.4406	19.7	5.1	118	0.0f		6	3	195	0.26	1.24	sx	BUD	16002258	BUD			318

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	16002258

Sta	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	0.26	45.7	Pg	12:02:45.317	0.3					T__		116.5		---	ML	1.1	5557391	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.26	45.7	Lg	12:02:48.559	-1.0					T__				---		5557392	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
BZS	1.15	210.3	Pg	12:03:01.413	-0.3					T__		39.9		---	ML	1.7	5557396	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.15	210.3	Lg	12:03:18.206	0.5					T__				---		5557395	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									

(Station ML: 1.7 magdef=1
 GZR 1.24 169.0 Pg 12:03:03.412 0.4 T__ 38.5 ___ ML 1.8 5557393 FDSN RO -- BUD iLoc HHZ HHZ _
 GZR 1.24 169.0 Lg 12:03:19.376 -0.9 T__ ___ 5557394 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
2020/09/24	07:49:13.73	1.17	2.16	47.3165	18.3574	6.1	5.1	107	0.0f	8	7	129	0.08	1.22	sx	BUD	16002260	BUD			215	

Magnitude Err Nsta Author OrigID

Sta	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	305.3	Pg	07:49:15.710	-0.3					T__		697.6		___	ML	1.4	5557438	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	305.3	Lg	07:49:17.708	-0.6					T__				---		5557439	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HU08A	0.32	291.5	Lg	07:49:26.223	-0.0					T__				---		5557444	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU09A	0.32	3.0	Lg	07:49:25.007	-1.6					T__				---		5557440	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.58	255.6	Lg	07:49:37.112	2.6					T__				---		5557443	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU10A	0.69	40.0	Lg	07:49:41.966	2.5					T__				---		5557445	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
MORH	1.12	169.8	Lg	07:49:50.676	-1.5					T__				---		5557441	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
VYHS	1.22	15.1	Sn	07:49:53.622	-2.2					T__				---		5557442	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	
2020/09/24	08:40:01.50	0.48	1.04	47.7378	19.0412	6.4	3.3	0	0.0	0.0	13	0	185	0.11	1.34	kx	BUD	16002262	BUD				
2020/09/24	08:39:59.94	0.89	1.12	47.7791	19.0372f				0.0f		13	8	176	0.07	1.32	kx	BUD_GT	16002263	BUD			221	

(locality : Dunabogdány Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.9 0.0 5 BUD 16002263

Sta	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	08:40:02.083	0.3					T__		5124.8		___	ML	2.2	5074783	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	349.3	Lg	08:40:03.161	-0.4					T__				---		5074784	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

(Reading ML: 2.2 magdef=1
 (Station ML: 2.2 magdef=0

HU03A	0.40	71.6	Lg	08:40:15.606	0.7					T__				---		5074788	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.46	252.6	Lg	08:40:16.750	-0.8					T__				---		5074789	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
PSZ	0.59	76.1	Pg	08:40:12.223	-0.6					T__		90.5		---	ML	1.8	5074790	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.59	76.1	Lg	08:40:20.371	-1.8					T__				---		5074785	FDSN	GE	--	BUD	iLoc	HHZ	???	_	

(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1

VYHS	0.73	349.4	Pn	08:40:18.083	1.5					T__		22.5		___	ML	1.3	5074786	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.73	349.4	Lg	08:40:27.578	2.0					T__				---		5074787	FDSN	SK	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=0

HU02A	1.06	70.5	Pn	08:40:21.209	0.2					T__		67.8		___	ML	1.9	5074791	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.06	70.5	Sn	08:40:36.319	-1.5					T__				---		5074792	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	

(Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1

JOS	1.24	54.0	Pg	08:40:24.343	-0.1	T__	57.4	___	ML	1.9	5074793	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.24	54.0	Sn	08:40:42.010	0.2	T__		---			5074794	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
MODS	1.32	297.4	Sn	08:40:43.405	-1.2	T__		---			5074795	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
2020/09/24	09:00:08.33	3.89	0.83	48.8380	21.1122	22.7	12.9	24	0.0f		7	4	301	0.51	0.82	sx	BUD	16002264	BUD		339	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	3 BUD	16002264

Sta	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	228.2	Pg	09:00:18.547	-0.0					T__		115.7		---	ML	1.8	5557511	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	228.2	Lg	09:00:26.243	-0.1					T__				---		5557512	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.55	229.7	Pg	09:00:18.991	-0.3					T__		91.2		---	ML	1.8	5557513	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.55	229.7	Lg	09:00:27.436	-0.1					T__				---		5557514	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.55	171.1	Lg	09:00:27.422	-1.2					T__				---		5557517	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.82	208.8	Pg	09:00:26.263	1.1					T__		43.6		---	ML	1.6	5557515	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.82	208.8	Lg	09:00:37.605	-0.1					T__				---		5557516	FDSN	ZJ	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
2020/09/24	13:30:23.30	1.09	0.93	47.2102	16.2876	6.8	5.4	56	0.0f		10	8	95	0.38	1.38	sx	BUD	16002266	BUD		176	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	3 BUD	16002266

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A262A	0.38	154.5	Lg	13:30:36.239	-0.5					T__				---		5557551	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.52	274.7	Lg	13:30:38.788	-1.3					T__				---		5557546	FDSN	OE	--	BUD	iLoc	HHE	???	_	
EGYH	0.74	73.4	Lg	13:30:48.807	-0.7					T__				---		5557552	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOGS	0.76	181.9	Lg	13:30:49.549	1.2					T__				---		5557549	FDSN	SL	--	BUD	iLoc	BHE	???	_	
CONA	0.77	338.3	Pg	13:30:38.683	0.0					T__		59.6		---	ML	1.7	5557543	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.77	338.3	Lg	13:30:49.913	1.0					T__				---		5557544	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A018A	0.98	303.5	Pg	13:30:42.792	0.5					T__		66.6		---	ML	1.9	5557547	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.98	303.5	Sn	13:30:57.629	-0.5					T__				---		5557548	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A013A	1.04	325.4	Sn	13:30:58.836	-0.8					T__				---		5557545	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
OBKA	1.38	240.2	Pg	13:30:49.745	0.1					T__		85.5		---	ML	2.2	5557550	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
2020/09/24	17:07:40.14	2.20	0.86	46.9174	21.1159	37.6	15.5	65	11.9	7.8	7	4	170	0.03	1.30	ke	BUD	16002268	BUD		306	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	16002268

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU24A	0.03	104.5	Pg	17:07:42.408	-0.2					T__		2433.3		___	ML	1.8	5557593	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.03	104.5	Lg	17:07:45.084	0.4					T__				---		5557594	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
SIRR	0.75	149.8	Pn	17:07:54.963	-0.1					T__		25.6		___	ML	1.3	5557595	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.75	149.8	Lg	17:08:05.729	0.3					T__				---		5557592	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
DRGR	1.10	96.0	Pn	17:08:00.495	0.3					T__		36.2		___	ML	1.7	5557590	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.10	96.0	Sn	17:08:14.947	-0.8					T__				---		5557591	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	1.30	320.8	Sn	17:08:21.392	1.0					T__				---		5557596	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
2020/09/24	22:16:44.18	0.90	1.16	46.9007	21.2023	6.5	6.0	176	10.1	1.0	22	15	79	0.03	1.89	ke	BUD	16002270	BUD		109	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	9 BUD	16002270

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU24A	0.03	287.0	Pg	22:16:45.669	-0.7					T__		5687.0		___	ML	2.1	5557716	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.03	287.0	Lg	22:16:48.351	0.1					T__				---		5557717	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
HU06A	0.48	246.8	Pg	22:16:53.959	-0.3					T__		248.7		___	ML	2.0	5557736	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU06A	0.48	246.8	Lg	22:17:02.255	1.0					T__				---		5557737	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU05A	0.65	356.1	Pn	22:16:59.233	1.5					T__		178.7		___	ML	2.1	5557734	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.65	356.1	Lg	22:17:07.359	0.4					T__				---		5557723	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
LTVH	0.68	44.3	Lg	22:17:07.394	-0.3					T__				---		5557724	FDSN	HU	--	BUD	iLoc	HHN	???	_	
SIRR	0.71	153.4	Pg	22:16:58.176	-0.4					T__		47.7		___	ML	1.6	5557726	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.71	153.4	Lg	22:17:08.651	0.5					T__				---		5557720	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
BSZH	0.75	302.3	Lg	22:17:10.517	0.3					T__				---		5557725	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU23A	0.98	319.1	Sn	22:17:16.092	-0.4					T__				---		5557727	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
DRGR	1.04	95.5	Pn	22:17:03.584	0.0					T__		48.7		___	ML	1.8	5557718	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.04	95.5	Sn	22:17:18.000	-0.7					T__				---		5557719	FDSN	RO	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 1.31 339.7 Sn 22:17:23.795 -0.9 T__ --- 5557729 FDSN ZJ 00 BUD iLoc HHE ??? _
BZS 1.32 167.2 Pn 22:17:08.729 1.5 T__ 32.8 --- ML 1.7 5557728 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 1.35 319.4 Pn 22:17:08.232 0.5 T__ 59.8 --- ML 2.0 5557731 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.35 319.4 Sn 22:17:25.281 -0.7 T__ --- 5557730 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ABAH 1.40 1.0 Pg 22:17:11.437 -0.1 T__ 66.7 --- ML 2.1 5557721 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.40 1.0 Sn 22:17:27.717 1.1 T__ --- 5557722 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
TRPA 1.53 35.9 Lg 22:17:32.589 -1.8 T__ --- 5557732 FDSN HU -- BUD iLoc HHE ??? _
JOS 1.66 344.6 Sn 22:17:34.662 1.9 T__ --- 5557733 FDSN ZJ -- BUD iLoc HHE ??? _
MORH 1.89 249.7 Pg 22:17:18.448 -2.7 T__ 30.8 --- ML 2.0 5557735 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
2020/09/25 05:47:45.83 0.56 0.92 47.5629 18.3875 24.5 3.9 105 0.0 0.0 6 0 185 0.08 0.98 kx BUD 16002274 BUD
2020/09/25 05:47:43.90 0.98 0.51 47.5600 18.4573f 0.0f 6 3 199 0.09 0.97 kx BUD_GT 16002275 BUD 312
(locality : Tatabánya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.2 0.3 3 BUD 16002275

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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 05:47:46.371 0.0 T__ 1008.3 --- ML 1.6 5557803 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU09A 0.09 327.2 Lg 05:47:48.068 -0.6 T__ --- 5557804 FDSN ZJ 00 iLoc BUD HHZ ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CSKK 0.24 214.2 Pg 05:47:48.993 -0.2 T__ 104.7 --- ML 1.0 5557805 FDSN HU -- iLoc BUD HHZ HHZ _
CSKK 0.24 214.2 Lg 05:47:53.513 -0.3 T__ --- 5557806 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
VYHS 0.97 15.1 Pg 05:48:04.184 0.6 T__ 14.0 --- ML 1.2 5557807 FDSN SK -- iLoc BUD HHZ HHZ _
VYHS 0.97 15.1 Lg 05:48:18.421 0.6 T__ --- 5557808 FDSN SK -- iLoc BUD HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 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
2020/09/25 07:07:22.64 0.94 1.05 48.3769 17.3189 7.5 3.0 155 0.0f 8 5 135 0.03 1.07 sx BUD 16002276 BUD 193

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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

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MODS	0.03	263.3	Pg	07:07:23.668	-0.2					T__				5557831	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.03	263.3	Lg	07:07:25.139	-0.1					T__				5557832	FDSN	SK	--	BUD	iLoc	HHE	???	_
ZST	0.23	218.7	Lg	07:07:31.105	-0.8					T__				5557836	FDSN	SK	--	BUD	iLoc	HHZ	???	_
JAVC	0.54	25.7	Pg	07:07:34.282	0.4				98.4	T__		ML	1.8	5557834	FDSN	CZ	--	BUD	iLoc	HHE	HHZ	_
JAVC	0.54	25.7	Lg	07:07:41.258	-1.3					T__				5557835	FDSN	CZ	--	BUD	iLoc	HHE	???	_
VYHS	1.02	82.8	Pg	07:07:43.066	-0.1				18.4	T__		ML	1.3	5557838	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.02	82.8	Lg	07:07:58.123	0.2					T__				5557837	FDSN	SK	--	BUD	iLoc	HHN	???	_
CONA	1.07	245.8	Lg	07:07:59.458	1.7					T__				5557833	FDSN	OE	--	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
2020/09/25	08:05:58.52	0.95	1.45	46.8542	17.2739	6.7	3.6	76	0.0f		11	9	116	0.13	1.44	sx	BUD	16002278	BUD			146

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	3 BUD	16002278

Sta	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	318.8	Pg	08:06:01.144	-0.7					T__		3562.6			ML	2.2	5557863	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	318.8	Lg	08:06:05.338	0.8					T__						5557864	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
A263A	0.22	172.5	Pg	08:06:03.661	0.2					T__		1490.2			ML	2.1	5557866	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.22	172.5	Lg	08:06:06.575	-0.6					T__						5557865	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MPLH	0.36	29.8	Pg	08:06:05.845	-0.5					T__		133.5			ML	1.4	5557867	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
EGYH	0.56	4.0	Lg	08:06:20.616	1.5					T__						5557868	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU08A	0.73	37.3	Lg	08:06:25.588	0.4					T__						5557869	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
KOVH	0.96	143.0	Lg	08:06:30.299	-0.6					T__						5557870	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.14	123.6	Sn	08:06:36.375	-1.0					T__						5557871	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ARSA	1.26	289.0	Sn	08:06:41.901	1.9					T__						5557872	FDSN	OE	--	BUD	iLoc	HHE	???	_	
CONA	1.44	318.8	Sn	08:06:47.818	2.8					T__						5557873	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
2020/09/25	08:39:46.52	0.97	0.98	48.2328	18.7770	6.1	4.4	101	0.0f		11	8	68	0.26	1.20	sx	BUD	16002280	BUD			125

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	3 BUD	16002280

Sta	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	0.26	8.6	Pg	08:39:52.335	0.2					T__		83.5			ML	1.0	5557900	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.26	8.6	Lg	08:39:56.477	0.1					T__						5557901	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
A338A	0.36	232.7	Lg	08:40:00.818	0.6					T__						5557908	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
HU10A	0.42	157.2	Lg	08:40:01.927	-0.5					T__						5557909	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JAVC	0.97	310.9	Lg	08:40:20.730	-0.3					T__						5557905	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
HU08A	0.99	215.9	Lg	08:40:21.653	0.2					T__						5557907	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
MODS	1.01	278.6	Lg	08:40:21.398	-1.0					T__						5557906	FDSN	SK	--	BUD	iLoc	HHZ	???	_	

HU02A	1.18	94.8	Pn	08:40:09.213	-0.1	T__	40.0	___	ML	1.8	5557904	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.18	94.8	Sn	08:40:25.454	-2.0	T__		---			5557910	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
JOS	1.20	76.7	Pn	08:40:09.812	0.2	T__	55.6	___	ML	1.9	5557902	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.20	76.7	Sn	08:40:26.545	-1.4	T__		---			5557903	FDSN	ZJ	--	BUD	iLoc	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
2020/09/25	09:11:26.22	4.27	1.23	45.5340	17.8426	38.3	27.1	140	15.0f		6	4	247	0.58	1.37	ke	BUD	16002282	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	
KOVH	0.58	17.9	Pg	09:11:38.030	0.0										T__		61.4		___	ML	1.6	5558010	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.58	17.9	Lg	09:11:45.749	-0.2										T__				---			5558011	FDSN	HU	--	BUD	iLoc	HHE	???	_
MORH	0.88	39.1	Pn	09:11:42.501	-0.2										T__		50.3		---	ML	1.7	5558012	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.88	39.1	Sn	09:11:56.677	1.1										T__				---			5558013	FDSN	HU	--	BUD	iLoc	HHN	???	_
BEHE	1.20	321.9	Sn	09:12:04.591	1.4										T__				---			5558015	FDSN	HU	--	BUD	iLoc	HHE	???	_
PTJ	1.37	286.5	Sn	09:12:07.074	-1.1										T__				---			5558014	FDSN	CR	--	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
2020/09/25	10:11:49.26	0.93	0.64	48.3423	19.8665	4.9	3.6	163	0.0f		12	7	147	0.42	1.01	sx	BUD	16002284	BUD		228	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	16002284

Sta	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	177.5	Pg	10:11:58.597	-0.0					T__		166.7		___	ML	1.7	5558046	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.42	177.5	Lg	10:12:05.126	-0.4					T__				---			5558049	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.44	70.9	Pg	10:11:58.598	0.5					T__		231.0		___	ML	1.9	5558050	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.44	70.9	Lg	10:12:04.396	-0.5					T__				---			5558051	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
JOS	0.47	70.8	Pg	10:11:59.037	0.2					T__		112.2		___	ML	1.7	5558047	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	70.8	Lg	10:12:06.178	0.1					T__				---			5558048	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU03A	0.47	202.3	Lg	10:12:07.358	0.7					T__				---			5558052	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU02A	0.49	116.3	Pg	10:11:59.847	0.2					T__		66.7		---	ML	1.5	5558053	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	116.3	Lg	10:12:06.922	-0.8					T__				---			5558054	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VYHS	0.70	282.9	Pg	10:12:03.956	0.4					T__		18.7		___	ML	1.2	5558044	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.70	282.9	Lg	10:12:12.825	-1.1					T__				---			5558045	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU01A	1.01	189.5	Sn	10:12:24.627	-0.7					T__				---			5558055	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
2020/09/25	12:23:42.21	0.90	0.83	47.7730	16.0970	4.9	3.5	11	7.0	14.4	20	12	110	0.22	1.59	ke	BUD	16002286	BUD		162	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	8 BUD	16002286

Sta	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	314.5	Pg	12:23:46.464	-0.6					T__		301.0		___	ML	1.4	5558102	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.22	314.5	Lg	12:23:49.896	-0.5					T__				---		5558103	FDSN	OE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
A004A	0.28	46.6	Lg	12:23:53.507	1.6					T__				---		5558106	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
SOP	0.32	105.9	Pg	12:23:48.620	-0.3					T__		166.0		---	ML	1.4	5558100	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.32	105.9	Lg	12:23:53.210	-0.2					T__				---		5558101	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
A013A	0.55	302.3	Pg	12:23:52.865	-0.0					T__		205.9		---	ML	2.1	5558107	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.55	302.3	Lg	12:24:00.534	0.5					T__				---		5558108	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
A003A	0.65	90.9	Pg	12:23:55.168	0.0					T__		310.4		---	ML	2.4	5558109	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.4 magdef=1)																					
				(Station ML: 2.4 magdef=0)																					
ARSA	0.65	216.9	Pg	12:23:54.866	-0.0					T__		96.8		---	ML	1.8	5558104	FDSN	OE	--	BUD	iLoc	HNN	HHZ	_
ARSA	0.65	216.9	Lg	12:24:03.164	0.0					T__				---		5558105	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
A008A	0.67	333.6	Pg	12:23:55.027	-0.0					T__		115.6		---	ML	1.9	5558110	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.67	333.6	Lg	12:24:03.453	-0.7					T__				---		5558111	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
A018A	0.69	267.9	Pg	12:23:55.624	-0.0					T__		82.2		---	ML	1.8	5558112	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.69	267.9	Lg	12:24:05.881	1.5					T__				---		5558113	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
MODS	0.99	52.4	Pn	12:24:02.148	0.1					T__				---		5558114	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.99	52.4	Sn	12:24:15.193	-1.5					T__				---		5558115	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KRUC	1.31	8.6	Pn	12:24:05.592	-0.7					T__		59.5		---	ML	2.0	5558116	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.31	8.6	Sn	12:24:22.917	-1.0					T__				---		5558117	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
VRAC	1.57	11.9	Sn	12:24:29.689	-0.8					T__				---		5558118	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
CKRC	1.59	311.9	Sn	12:24:31.569	0.4					T__				---		5558119	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
2020/09/25	13:10:14.61	1.23	1.17	47.7869	16.0252	7.7	6.0	135	9.0f		6	5	157	0.18	0.64	ke	BUD	16002288	BUD		250	

Magnitude	Err	Nsta	Author	OrigID

Sta	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	0.18	322.2	Pg	13:10:18.327	-0.4					T__		78.1		---	ML	0.7	5558150	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.18	322.2	Lg	13:10:21.785	0.1					T__				---		5558151	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A004A	0.31	54.7	Lg	13:10:25.835	0.5					T__				---		5558152	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A013A	0.50	303.9	Lg	13:10:32.333	1.3					T__				---		5558154	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.64	212.6	Lg	13:10:35.921	0.8					T__				---		5558153	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	0.64	266.5	Pg	13:10:26.061	-1.1					T__		76.1		---	ML	1.7	5558155	FDSN	Z3	00	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
2020/09/25	19:21:07.62	0.81	1.18	48.5793	17.6438	3.2	2.8	68	5.8	0.3	24	14	92	0.28	1.41	ke	BUD	16002292	BUD			136

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	10 BUD	16002292

Sta	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	3.6	Pg	19:21:13.794	0.1					T__		212.5		---	ML	1.4	5558318	FDSN	CZ	--	BUD	iLoc	HHE	HHZ	_
JAVC	0.28	3.6	Lg	19:21:18.317	-0.1					T__				---		5558319	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
MODS	0.32	230.0	Pg	19:21:14.168	-0.2					T__				---		5558314	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.32	230.0	Lg	19:21:18.718	-0.9					T__				---		5558315	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
A337A	0.35	163.8	Pg	19:21:16.014	1.2					T__		396.9		---	ML	1.9	5558320	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A337A	0.35	163.8	Lg	19:21:22.421	2.0					T__				---		5558321	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
ZST	0.53	223.5	Pg	19:21:17.982	-0.3					T__		169416.5		---	ML	5.0	5558316	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.53	223.5	Lg	19:21:25.188	-1.0					T__				---		5558317	FDSN	SK	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 5.0 magdef=1)																					
				(Station ML: 5.0 magdef=0)																					
A001A	0.71	282.5	Pg	19:21:22.972	1.3					T__		124.9		---	ML	2.0	5558324	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.71	282.5	Sn	19:21:35.228	-0.5					T__				---		5558325	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
A338A	0.74	139.8	Pg	19:21:22.960	0.6					T__		213.0		---	ML	2.2	5558322	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	0.74	139.8	Lg	19:21:30.903	-3.3					T__				---		5558323	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=0)																					
VYHS	0.80	95.7	Pg	19:21:23.471	-0.2					T__		27.0		---	ML	1.4	5558326	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
VYHS	0.80	95.7	Lg	19:21:34.911	-0.3					T__				---		5558327	FDSN	SK	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
KRUC	0.96	300.8	Pg	19:21:26.121	0.3					T__		50.1		---	ML	1.7	5558328	FDSN	CZ	--	BUD	iLoc	HHE	HHZ	_
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
VRAC	1.01	316.9	Pg	19:21:27.462	0.9					T__		30.6		---	ML	1.5	5558329	FDSN	CZ	--	BUD	iLoc	HHE	HHZ	_
VRAC	1.01	316.9	Lg	19:21:41.099	-0.1					T__				---		5558330	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
A006A	1.09	279.1	Lg	19:21:43.597	-0.8					T__				---		5558331	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU08A	1.16	170.6	Sn	19:21:46.808	0.2					T__				---		5558332	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORC	1.20	356.9	Pn	19:21:30.489	0.1					T__		54.7		---	ML	1.9	5558333	FDSN	CZ	--	BUD	iLoc	HHN	HHZ	_
MORC	1.20	356.9	Lg	19:21:46.887	-0.5					T__				---		5558334	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

```

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
CONA 1.36 242.0 Pn 19:21:33.622 0.9 T__ 76.1 ___ ML 2.1 5558335 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.36 242.0 Sn 19:21:51.769 0.4 T__ ___ 5558336 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MPLH 1.41 182.9 Sn 19:21:54.675 2.1 T__ ___ 5558337 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
2020/09/25 20:35:02.45 1.10 0.74 47.7966 16.2241 7.8 3.5 28 9.3 15.5 12 7 107 0.25 1.53 ke BUD 16002294 BUD 148

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.4 5 BUD 16002294

```

```

Sta 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 0.25 116.6 Pg 20:35:08.178 0.3 T__ 124.1 ___ ML 1.1 5558383 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.25 116.6 Lg 20:35:11.732 0.1 T__ ___ 5558384 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
CONA 0.28 298.5 Pg 20:35:07.971 -0.4 T__ 67.9 ___ ML 0.9 5558381 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.28 298.5 Lg 20:35:12.415 -0.1 T__ ___ 5558382 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
A260A 0.61 147.4 Lg 20:35:21.331 -1.6 T__ ___ 5558387 FDSN Z3 00 BUD iLoc HHN ??? _
A013A 0.61 296.2 Lg 20:35:23.085 0.7 T__ ___ 5558388 FDSN Z3 00 BUD iLoc HHE ??? _
ARSA 0.72 221.3 Pg 20:35:16.557 -0.0 T__ 123.9 ___ ML 2.0 5558385 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.72 221.3 Lg 20:35:26.611 0.9 T__ ___ 5558386 FDSN OE -- BUD iLoc HHZ ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KRUC 1.27 5.1 Pn 20:35:25.832 0.1 T__ 71.7 ___ ML 2.1 5558389 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.27 5.1 Sn 20:35:42.546 -0.3 T__ ___ 5558390 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
VRAC 1.53 9.1 Pn 20:35:29.818 0.4 T__ 24.3 ___ ML 1.7 5558391 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.53 9.1 Sn 20:35:49.208 -0.1 T__ ___ 5558392 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
2020/09/27 04:32:38.57 1.03 0.82 46.2392 16.6463 7.2 4.9 0 11.0f 12 7 144 0.25 1.27 ke BUD 16002296 BUD 207

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.4 5 BUD 16002296

```

```

Sta 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 0.25 21.1 Pg 04:32:43.400 -0.7 T__ 285.3 ___ ML 1.4 5558428 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.25 21.1 Lg 04:32:48.318 0.3 T__ ___ 5558429 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOGS 0.34 307.4 Pg 04:32:45.832 0.1 T__ 137.9 ___ ML 1.4 5558427 FDSN SL -- BUD iLoc BHZ BHZ _

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```

KOGS 0.34 307.4 Lg 04:32:50.356 -0.2 T__ --- 5558426 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
A264A 0.45 99.9 Lg 04:32:55.673 1.5 T__ --- 5558431 FDSN Z3 00 BUD iLoc HHN ??? _
A262A 0.63 352.6 Pg 04:32:51.624 0.6 T__ 224.6 --- ML 2.2 5558432 FDSN Z3 00 BUD iLoc HHZ HHZ _
A262A 0.63 352.6 Sn 04:33:01.547 -0.9 T__ --- 5558430 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
CRES 0.93 243.9 Pg 04:32:55.576 -0.3 T__ 118.1 --- ML 2.1 5558434 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.93 243.9 Lg 04:33:09.147 -0.9 T__ --- 5558433 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOVH 1.02 98.0 Pn 04:32:57.025 -0.6 T__ 56.7 --- ML 1.8 5558435 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.02 98.0 Lg 04:33:11.165 -0.5 T__ --- 5558436 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ARSA 1.27 323.0 Lg 04:33:19.482 0.6 T__ --- 5558437 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
2020/09/27 05:12:24.18 1.20 0.69 46.1956 16.6806 8.8 5.1 135 0.0f 9 6 144 0.28 1.32 ke BUD 16002298 BUD 226

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 3 BUD 16002298

```

```

Sta 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 0.28 13.4 Pg 05:12:30.427 -0.1 T__ 256.9 --- ML 1.5 5558466 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.28 13.4 Lg 05:12:35.194 0.1 T__ --- 5558467 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOGS 0.39 310.4 Lg 05:12:37.291 -0.5 T__ --- 5558468 FDSN SL -- BUD iLoc BHN ??? _
PTJ 0.57 240.1 Lg 05:12:43.520 -0.8 T__ --- 5558474 FDSN CR -- BUD iLoc BHE ??? _
CRES 0.93 247.0 Pg 05:12:42.525 0.4 T__ 96.7 --- ML 2.0 5558469 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.93 247.0 Lg 05:12:56.017 0.4 T__ --- 5558470 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOVH 0.99 95.7 Pn 05:12:43.994 -0.4 T__ 38.8 --- ML 1.6 5558472 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.99 95.7 Lg 05:12:58.147 0.3 T__ --- 5558473 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ARSA 1.32 323.4 Lg 05:13:07.459 1.2 T__ --- 5558471 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
2020/09/28 06:38:58.68 0.57 0.38 47.9765 20.6480 7.3 4.5 114 0.0 0.0 8 0 167 0.17 0.52 kx BUD 16002300 BUD
2020/09/28 06:38:58.65 0.97 2.41 48.0750 20.6990f 0.0f 8 5 156 0.13 0.53 kx BUD_GT 16002301 BUD 233

```

```

(locality : Miskolc-Mexikóvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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```

Magnitude Err Nsta Author OrigID
ML 1.3 0.4 3 BUD 16002301

```

Sta	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	06:39:02.007	0.2					T__		208.0		---	ML	1.0	5558498	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	06:39:04.282	-0.3					T__				---		5558499	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ABAH	0.42	58.4	Lg	06:39:15.155	0.3					T__				---		5558504	FDSN	HU	--	iLoc	BUD	HHN	???	_	
KECS	0.43	340.8	Pg	06:39:08.523	1.0					T__		109.1		---	ML	1.5	5558500	FDSN	SK	--	iLoc	BUD	EHN	EHZ	_
KECS	0.43	340.8	Lg	06:39:15.059	0.8					T__				---		5558501	FDSN	SK	--	iLoc	BUD	EHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.43	345.9	Pg	06:39:08.313	0.8					T__		55.8		---	ML	1.3	5558502	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.43	345.9	Lg	06:39:14.881	0.6					T__				---		5558503	FDSN	ZJ	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU23A	0.53	214.9	Lg	06:39:12.277	-6.1					T__				---		5558505	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/28	07:30:16.78	0.84	1.07	48.6650	18.6152	4.8	3.3	29	0.0f		16	10	90	0.23	1.38	sx	BUD	16002302	BUD		125	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	8 BUD	16002302

Sta	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	0.23	139.3	Pg	07:30:21.555	-0.0					T__		120.0		---	ML	1.0	5558542	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.23	139.3	Lg	07:30:24.712	-0.4					T__				---		5558543	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
A331A	0.55	332.0	Pg	07:30:27.933	0.2					T__		94.2		---	ML	1.8	5558548	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JAVC	0.65	287.6	Pg	07:30:30.148	-0.2					T__		133.7		---	ML	2.0	5558544	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.65	287.6	Lg	07:30:41.731	1.2					T__				---		5558545	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
LANS	0.74	48.9	Pg	07:30:31.707	0.2					T__		71.1		---	ML	1.8	5558549	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU10A	0.86	161.7	Pg	07:30:35.912	1.5					T__		114.4		---	ML	2.0	5558557	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.86	161.7	Lg	07:30:46.938	-1.1					T__				---		5558550	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
MODS	0.94	252.3	Pg	07:30:35.328	-0.4					T__				---		5558546	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.94	252.3	Lg	07:30:49.901	-0.1					T__				---		5558547	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.13	130.7	Sn	07:30:54.162	-2.9					T__				---		5558551	FDSN	GE	--	BUD	iLoc	HHN	???	_	
JOS	1.29	96.8	Pn	07:30:40.114	-1.0					T__		40.3		---	ML	1.8	5558552	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.29	96.8	Lg	07:31:00.156	-0.3					T__				---		5558553	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MORC	1.32	328.1	Pg	07:30:41.094	-0.1					T__		38.7		---	ML	1.8	5558554	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.32	328.1	Lg	07:30:59.739	0.2					T__				---		5558555	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									

(Station ML: 1.8 magdef=1
 HU02A 1.38 112.4 Pn 07:30:42.836 0.2 T__ 41.0 ___ ML 1.9 5558556 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
2020/09/28	08:44:24.07	1.01	1.14	46.0262	22.8250	6.9	4.0	61	0.0f	11	6	136	0.15	0.94	sx	BUD	16002304	BUD			203	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	16002304

Sta	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	0.15	159.1	Pg	08:44:26.665	-0.3					T__		1007.3		___	ML	1.7 5558598	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.15	159.1	Lg	08:44:30.225	1.1					T__				---		5558599	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0																								
GZR	0.63	183.1	Pg	08:44:36.122	-0.1					T__		89.7		___	ML	1.8 5558600	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.63	183.1	Lg	08:44:45.624	0.4					T__				---		5558601	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																								
DRGR	0.77	354.2	Pg	08:44:39.861	0.3					T__		65.1		___	ML	1.7 5558596	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.77	354.2	Lg	08:44:49.056	-2.5					T__				---		5558597	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								
SIRR	0.85	287.0	Pg	08:44:42.055	0.8					T__		71.1		___	ML	1.8 5558603	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.85	287.0	Lg	08:44:52.953	-0.6					T__				---		5558606	FDSN	RO	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																								
LOT	0.88	130.8	Lg	08:44:54.268	0.5					T__				---		5558602	FDSN	RO	--	BUD	iLoc	HHZ	???	_
BZS	0.94	244.6	Pg	08:44:42.403	0.0					T__		70.0		___	ML	1.9 5558604	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.94	244.6	Lg	08:44:54.364	-1.3					T__				---		5558605	FDSN	RO	--	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
2020/09/28	08:47:48.68	0.84	1.16	48.7484	18.0755	3.9	3.1	6	0.0f	19	11	90	0.29	1.75	sx	BUD	16002306	BUD			118	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	8 BUD	16002306

Sta	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	0.29	292.6	Pg	08:47:54.679	-0.3					T__		345.8		___	ML	1.6 5558654	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.29	292.6	Lg	08:47:59.403	-0.6					T__				---		5558655	FDSN	CZ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																								
A331A	0.41	13.4	Pg	08:47:55.777	-1.1					T__		222.0		___	ML	1.8 5558652	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	0.41	13.4	Lg	08:48:04.006	1.3					T__				---		5558653	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																								
VYHS	0.57	116.5	Pg	08:47:59.633	-0.6					T__		27.1		___	ML	1.2 5558650	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_


```

VYHS 0.57 116.5 Lg 08:48:08.747 0.2 T__ --- 5558651 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
MODS 0.65 235.0 Pg 08:48:01.660 -0.3 T__ --- 5558656 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.65 235.0 Lg 08:48:12.693 0.5 T__ --- 5558657 FDSN SK -- BUD iLoc HHZ ??? _
LANS 1.00 65.8 Pg 08:48:07.582 -0.9 T__ 70.3 --- ML 1.9 5558658 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 1.00 65.8 Lg 08:48:23.185 1.2 T__ --- 5558659 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORC 1.09 341.5 Pg 08:48:09.108 0.2 T__ 89.4 --- ML 2.1 5558660 FDSN CZ -- BUD iLoc HHN HHZ _
MORC 1.09 341.5 Lg 08:48:24.625 0.5 T__ --- 5558661 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU10A 1.10 144.8 Sn 08:48:24.753 -3.1 T__ --- 5558662 FDSN ZJ 00 BUD iLoc HHZ ??? _
VRAC 1.12 300.4 Pg 08:48:09.755 -0.2 T__ 24.0 --- ML 1.5 5558663 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.12 300.4 Lg 08:48:26.403 0.1 T__ --- 5558664 FDSN CZ -- BUD iLoc HHZ ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KRUC 1.15 286.4 Pg 08:48:10.840 0.2 T__ 49.2 --- ML 1.8 5558665 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.15 286.4 Lg 08:48:27.067 -0.5 T__ --- 5558666 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CRNA 1.69 241.8 Lg 08:48:44.955 1.5 T__ --- 5558667 FDSN OE -- BUD iLoc HHN ??? _
HU02A 1.75 110.1 Pn 08:48:21.273 1.6 T__ 43.7 --- ML 2.1 5558668 FDSN ZJ 00 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
2020/09/28 09:24:23.43 3.60 0.31 48.8932 20.5798 31.7 10.8 132 10.0f 7 4 258 0.40 1.12 sx BUD 16002308 BUD 354

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Magnitude Err Nsta Author OrigID
ML 1.5 0.0 3 BUD 16002308

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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 0.40 183.9 Pg 09:24:31.647 0.1 T__ 60.5 --- ML 1.2 5558701 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.40 183.9 Lg 09:24:37.732 0.1 T__ --- 5558702 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.42 188.7 Pg 09:24:31.788 -0.1 T__ 114.0 --- ML 1.5 5558703 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.42 188.7 Lg 09:24:38.429 0.2 T__ --- 5558704 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.77 182.7 Pn 09:24:39.813 0.4 T__ 35.6 --- ML 1.5 5558705 FDSN ZJ 00 BUD iLoc HHE HHZ _
HU02A 0.77 182.7 Lg 09:24:50.057 -0.4 T__ --- 5558706 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOLS 1.12 87.3 Lg 09:25:00.201 -0.0 T__ --- 5558707 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
2020/09/28 11:01:53.62 1.22 0.42 45.7960 21.8454 8.6 6.2 106 2.0f 5 4 122 0.24 1.16 ke BUD 16002310 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
BZS	0.24	221.9	Pg	11:01:58.712	0.2					T__		72.9		---	ML	0.8 5558738	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.24	221.9	Lg	11:02:01.696	-0.4					T__				---		5558739	FDSN	RO	--	BUD	iLoc	HHN	???	_
SIRR	0.49	344.7	Lg	11:02:10.859	-0.2					T__				---		5558736	FDSN	RO	--	BUD	iLoc	HHE	???	_
GZR	0.77	121.3	Lg	11:02:18.901	-0.3					T__				---		5558737	FDSN	RO	--	BUD	iLoc	HHZ	???	_
DRGR	1.16	30.8	Lg	11:02:32.568	0.0					T__				---		5558740	FDSN	RO	--	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
2020/09/28	11:04:17.49	1.42	1.28	48.8859	21.1397	8.3	7.9	72	0.0f		8	6	131	0.56	1.28	sx	BUD	16002312	BUD			220

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	16002312

Sta	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	225.8	Pg	11:04:27.830	-0.8					T__		57.5		---	ML	1.6 5558761	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.56	225.8	Lg	11:04:38.113	1.1					T__				---		5558762	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
ABAH	0.59	173.5	Lg	11:04:41.284	2.0					T__				---		5558765	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOLS	0.75	85.9	Lg	11:04:44.204	0.3					T__				---		5558767	FDSN	SK	--	BUD	iLoc	HHE	???	_
NIE	0.77	314.3	Lg	11:04:44.166	1.2					T__				---		5558766	FDSN	PL	--	BUD	iLoc	BHE	???	_
HU02A	0.87	208.4	Pg	11:04:34.549	-0.8					T__		33.5		---	ML	1.5 5558763	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.87	208.4	Lg	11:04:48.646	0.0					T__				---		5558764	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
PSZ	1.28	221.1	Pn	11:04:42.215	0.5					T__		70.0		---	ML	2.1 5558768	FDSN	GE	--	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
2020/09/28	12:06:39.14	3.63	0.50	48.5794	20.8338	20.5	10.1	43	0.0f		7	4	316	0.21	0.91	sx	BUD	16002314	BUD			336

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	3 BUD	16002314

Sta	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	247.0	Pg	12:06:43.540	-0.0					T__		105.3		---	ML	0.9 5558808	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.21	247.0	Lg	12:06:47.511	0.5					T__				---		5558809	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
KECS	0.25	247.6	Pg	12:06:44.210	-0.1					T__		191.5		---	ML	1.3 5558806	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.25	247.6	Lg	12:06:48.570	0.2					T__				---		5558807	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
HU02A	0.50	204.4	Pg	12:06:49.888	0.2					T__		28.2		---	ML	1.1 5558811	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	204.4	Lg	12:06:57.841	0.0					T__				---		5558810	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																								

(Station ML: 1.1 magdef=1
 PSZ 0.91 223.9 Lg 12:07:11.155 -0.8 T__ --- 5558812 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
2020/09/28	16:11:33.96	0.95	0.95	47.6096	16.4022	5.9	4.2	179	0.0f	10	6	103	0.13	0.91	sx	BUD	16002318	BUD			196	

Magnitude Err Nsta Author OrigID
 ML 1.5 0.3 4 BUD 16002318

Sta	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	0.13	55.0	Pg	16:11:36.809	-0.1					T__		89.2		---	ML	0.6	5558900	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	0.13	55.0	Lg	16:11:39.437	0.3					T__				---		5558901	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1)																										
A260A	0.39	147.6	Lg	16:11:47.759	0.1					T__				---		5558909	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
CONA	0.48	311.4	Pg	16:11:43.152	-0.5					T__		57.3		---	ML	1.4	5558902	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.48	311.4	Lg	16:11:49.760	-0.4					T__				---		5558903	FDSN	OE	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																										
ARSA	0.70	239.3	Pg	16:11:48.103	0.6					T__		51.8		---	ML	1.6	5558905	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	0.70	239.3	Lg	16:11:54.599	-1.6					T__				---		5558904	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																										
A013A	0.81	304.5	Lg	16:12:00.760	0.7					T__				---		5558906	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
A018A	0.91	279.0	Pg	16:11:52.245	0.7					T__		56.2		---	ML	1.8	5558908	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A018A	0.91	279.0	Lg	16:12:04.186	1.3					T__				---		5558907	FDSN	Z3	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	
2020/09/29	00:05:28.47	4.18	0.05	47.6779	20.3360	20.4	6.9	8	13.6	17.7	6	3	284	0.03	0.07	ke	BUD	16002320	BUD			350	

Magnitude Err Nsta Author OrigID
 ML 1.2 0.1 3 BUD 16002320

Sta	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	161.1	Pg	00:05:31.230	0.0					T__		677.5		---	ML	1.2	5558934	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TENKA	0.03	161.1	Lg	00:05:33.231	-0.0					T__				---		5558935	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																										
ATAN3	0.07	171.0	Pg	00:05:31.490	-0.0					T__		588.6		---	ML	1.3	5558936	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ATAN3	0.07	171.0	Lg	00:05:33.779	0.0					T__				---		5558937	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																										
HU23A	0.07	236.3	Pg	00:05:31.586	-0.0					T__		109.2		---	ML	0.5	5558938	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU23A	0.07	236.3	Lg	00:05:33.910	0.0					T__				---		5558939	FDSN	ZJ	00	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
2020/09/29	07:34:52.00	0.93	0.46	47.1153	18.0280	6.5	3.8	105	0.0f		9	6	122	0.23	1.03	sx	BUD	16002322	BUD			167

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	16002322

Sta	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	203.3	Pg	07:34:57.243	0.0					T__		1706.4		___	ML	2.2	5559004	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
CSKK	0.29	32.5	Pg	07:34:58.412	-0.0					T__		253.5		___	ML	1.5	5559005	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.29	32.5	Lg	07:35:03.905	-0.1					T__				---		5558999	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
HU08A	0.32	347.4	Lg	07:35:04.799	-0.0					T__				---		5559000	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.34	279.5	Lg	07:35:05.036	0.0					T__				---		5559001	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	1.00	154.6	Pg	07:35:12.165	0.3					T__		33.8		---	ML	1.6	5559006	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.00	154.6	Lg	07:35:26.471	0.0					T__				---		5559002	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
KOVH	1.03	177.2	Pn	07:35:12.777	0.3					T__		38.9		---	ML	1.7	5559007	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.03	177.2	Lg	07:35:26.813	-1.0					T__				---		5559003	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
2020/09/29	08:01:18.44	2.68	0.20	45.9630	17.7950	14.0	7.4	28	14.4	17.4	8	4	197	0.05	0.64	ke	BUD	16002324	BUD			293

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	16002324

Sta	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	0.05	162.5	Pg	08:01:21.257	-0.1					T__		939.3		___	ML	1.4	5559078	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.05	162.5	Lg	08:01:23.618	0.2					T__				---		5559079	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
KOVH	0.25	59.4	Pg	08:01:24.127	-0.0					T__		97.2		---	ML	1.0	5559080	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.25	59.4	Lg	08:01:27.972	-0.2					T__				---		5559081	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
A265A	0.46	0.0	Pg	08:01:27.850	-0.1					T__		305.6		---	ML	2.1	5559082	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.46	0.0	Lg	08:01:34.740	0.3					T__				---		5559083	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
MORH	0.64	66.6	Pg	08:01:31.208	0.0					T__		30.7		---	ML	1.3	5559084	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.64	66.6	Lg	08:01:40.611	-0.0					T__				---		5559085	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
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2020/09/29 08:35:39.26 1.24 0.96 47.2853 18.4280 9.0 5.5 28 0.0f 5 4 189 0.14 0.69 sx BUD 16002326 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	
CSKK	0.14	304.4	Pg	08:35:43.080	0.4					T__		559.8		---	ML	1.4	5559108	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.14	304.4	Lg	08:35:45.019	-0.8					T__				---		5559109	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A271A	0.31	115.1	Lg	08:35:50.975	-0.6					T__				---		5559112	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU09A	0.35	355.0	Lg	08:35:52.469	-0.8					T__				---		5559110	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.69	35.3	Lg	08:36:05.040	0.2					T__				---		5559111	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
 2020/09/29 09:25:39.35 1.20 0.85 48.5692 20.7746 9.1 4.1 15 4.0 17.1 15 8 129 0.17 1.29 sx BUD 16002328 BUD 202

Magnitude Err Nsta Author OrigID

ML 1.4 0.1 7 BUD 16002328

Sta	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	244.9	Pg	09:25:42.838	-0.1					T__		597.3		---	ML	1.6	5559143	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	244.9	Lg	09:25:46.527	0.7					T__				---		5559144	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
KECS	0.21	246.0	Pg	09:25:43.391	-0.3					T__		9694.0		---	ML	2.9	5559145	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	246.0	Lg	09:25:47.566	0.4					T__				---		5559146	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.9 magdef=1 Station ML: 2.9 magdef=0)																									
ABAH	0.41	131.3	Pg	09:25:47.862	0.2					T__		68.8		---	ML	1.3	5559147	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	131.3	Lg	09:25:53.779	-0.7					T__				---		5559148	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
HU02A	0.48	200.5	Pg	09:25:49.729	0.4					T__		52.0		---	ML	1.3	5559149	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	200.5	Lg	09:25:55.620	-1.3					T__				---		5559150	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
PSZ	0.88	222.4	Pg	09:25:58.385	0.6					T__		42.7		---	ML	1.6	5559154	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	222.4	Lg	09:26:10.112	-0.6					T__				---		5559151	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
NIE	0.91	340.0	Pn	09:25:59.141	1.2					T__		13.0		---	ML	1.1	5559152	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.91	340.0	Lg	09:26:09.083	-0.4					T__				---		5559153	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
TRPA	1.26	109.8	Sn	09:26:19.962	-1.1					T__				---		5559155	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.29	267.4	Pn	09:26:04.082	0.8					T__		13.9		---	ML	1.4	5559156	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	267.4	Sn	09:26:21.532	-0.6					T__				---		5559157	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
 2020/09/29 10:00:32.73 1.00 1.17 48.1784 16.9422 6.8 4.7 151 0.0f 11 7 145 0.11 1.33 sx BUD 16002330 BUD 177

Magnitude Err Nsta Author OrigID
 ML 1.9 0.5 3 BUD 16002330

Sta	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	80.6	Pg	10:00:35.369	-0.1					T__		114646.7		---	ML	3.7 5559194	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.11	80.6	Lg	10:00:37.513	-0.5					T__				---		5559195	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.7 magdef=1)																								
(Station ML: 3.7 magdef=1)																								
MODS	0.30	48.8	Pg	10:00:38.946	-0.3					T__				---		5559192	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.30	48.8	Lg	10:00:43.562	-1.0					T__				---		5559193	FDSN	SK	--	BUD	iLoc	HHE	???	_
CONA	0.77	251.3	Lg	10:00:57.828	-0.2					T__				---		5559196	FDSN	OE	--	BUD	iLoc	HHN	???	_
JAVC	0.84	35.1	Pn	10:00:52.772	1.4					T__		38.3		---	ML	1.5 5559197	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.84	35.1	Lg	10:01:05.291	2.4					T__				---		5559198	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
KRUC	0.96	337.9	Lg	10:01:04.223	-1.0					T__				---		5559199	FDSN	CZ	--	BUD	iLoc	HHE	???	_
VRAC	1.15	348.6	Lg	10:01:11.874	0.3					T__				---		5559200	FDSN	CZ	--	BUD	iLoc	HHE	???	_
ARSA	1.33	226.4	Pn	10:00:58.299	0.1					T__		46.7		---	ML	1.9 5559201	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.33	226.4	Lg	10:01:16.025	0.8					T__				---		5559202	FDSN	OE	--	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
 2020/09/29 12:54:32.85 2.28 0.18 45.9707 17.7891 16.5 6.8 178 14.1 18.2 7 4 137 0.06 0.64 ke BUD 16002332 BUD 260

Magnitude Err Nsta Author OrigID
 ML 1.3 0.0 3 BUD 16002332

Sta	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	0.06	160.9	Pg	12:54:35.684	-0.1					T__		760.8		---	ML	1.3 5559255	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.06	160.9	Lg	12:54:38.066	0.2					T__				---		5559256	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
KOVH	0.25	61.4	Pg	12:54:38.530	0.0					T__		50.1		---	ML	0.7 5559257	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.25	61.4	Lg	12:54:42.446	-0.1					T__				---		5559258	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
A264A	0.40	298.7	Lg	12:54:46.755	0.0					T__				---		5559260	FDSN	Z3	00	BUD	iLoc	HHE	???	_
MORH	0.64	67.4	Pg	12:54:45.650	0.1					T__		32.1		---	ML	1.4 5559259	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.64	67.4	Lg	12:54:54.907	-0.2					T__				---		5559261	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
 2020/09/30 00:42:19.04 1.99 1.11 45.9728 17.7973 12.0 8.8 14 12.6 15.6 9 5 159 0.06 2.36 ke BUD 16002334 BUD 259

Magnitude Err Nsta Author OrigID
 ML 1.0 0.5 4 BUD 16002334

Sta	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	0.06	166.9	Pg	00:42:21.589	-0.2					T__		214.5		---	ML	0.8	5559292	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.06	166.9	Lg	00:42:23.974	0.3					T__				---		5559293	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KOVH	0.24	61.2	Pg	00:42:24.459	-0.1					T__		21.0		---	ML	0.3	5559289	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.24	61.2	Lg	00:42:28.366	-0.0					T__				---		5559290	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=1)																									
A265A	0.45	359.8	Pg	00:42:28.249	-0.1					T__		78.9		---	ML	1.5	5559294	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.45	359.8	Sn	00:42:38.013	-1.2					T__				---		5559295	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.64	67.3	Pg	00:42:31.572	-0.1					T__		18.6		---	ML	1.1	5559291	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.64	67.3	Sn	00:42:43.433	0.8					T__				---		5559297	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	2.36	326.6	Sn	00:43:26.641	2.0					T__				---		5559296	FDSN	OE	--	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
2020/09/30	07:08:43.17	0.95	1.44	48.5203	17.4933	8.6	3.3	130	7.0f		6	4	136	0.21	1.24	sx	BUD	16002336	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	
MODS	0.21	224.5	Pg	07:08:47.552	-0.2					T__				---		5559319	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.21	224.5	Lg	07:08:50.670	-0.8					T__				---		5559322	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
JAVC	0.36	19.0	Pg	07:08:51.146	0.4					T__		73.9		---	ML	1.2	5559321	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	19.0	Lg	07:08:55.187	-1.4					T__				---		5559323	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
VYHS	0.89	91.2	Lg	07:09:14.307	0.2					T__				---		5559324	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	1.24	242.1	Lg	07:09:25.483	1.8					T__				---		5559320	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
2020/09/30	07:39:34.09	0.87	1.09	48.5470	18.4280	5.6	3.1	33	0.0f		17	10	107	0.28	1.51	sx	BUD	16002338	BUD			151

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 7 BUD 16002338

Sta	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	100.9	Pg	07:39:39.777	-0.1					T__		23.0		---	ML	0.4	5559361	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.28	100.9	Lg	07:39:44.304	0.1					T__				---		5559362	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=0)																									
JAVC	0.59	302.2	Pg	07:39:47.505	1.1					T__		52.3		---	ML	1.5	5559360	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.59	302.2	Lg	07:39:54.932	-0.8					T__				---		5559359	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A331A	0.62	347.3	Pg	07:39:47.582	1.3					T__		77.4		---	ML	1.7	5559357	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

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A331A  0.62 347.3 Lg      07:39:54.830 -0.1      T__          ---          5559358      FDSN Z3      00 BUD      iLoc HHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
MODS   0.79 257.7 Pg      07:39:49.956 -0.1      T__          ---          5559363      FDSN SK      -- BUD      iLoc HHZ ??? _
HU10A  0.81 150.4 Lg      07:40:04.363  1.0      T__          ---          5559364      FDSN ZJ      00 BUD      iLoc HHZ ??? _
PSZ    1.16 122.1 Sn      07:40:14.306 -0.9      T__          ---          5559365      FDSN GE      -- BUD      iLoc HHN ??? _
MORC   1.36 335.1 Pg      07:39:58.466 -0.9      T__          46.9        --- ML      1.9 5559366      FDSN CZ      -- BUD      iLoc HHZ HHZ _
MORC   1.36 335.1 Lg      07:40:16.036 -2.3      T__          ---          5559367      FDSN CZ      -- BUD      iLoc HHN ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=0
JOS    1.40 91.3 Pn       07:40:00.273  0.2      T__          23.6        --- ML      1.7 5559368      FDSN ZJ      -- BUD      iLoc HHZ HHZ _
JOS    1.40 91.3 Sn       07:40:18.995 -1.6      T__          ---          5559369      FDSN ZJ      -- BUD      iLoc HHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
HU02A  1.46 106.1 Pn       07:40:00.694 -0.3      T__          29.2        --- ML      1.8 5559370      FDSN ZJ      00 BUD      iLoc HHZ HHZ _
HU02A  1.46 106.1 Sn       07:40:21.875 -0.3      T__          ---          5559371      FDSN ZJ      00 BUD      iLoc HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
NIE    1.51 54.0 Pn       07:40:02.224  0.3      T__          17.2        --- ML      1.6 5559372      FDSN PL      -- BUD      iLoc BHZ BHZ _
NIE    1.51 54.0 Sn       07:40:25.735  1.5      T__          ---          5559373      FDSN PL      -- BUD      iLoc BHN ??? _
(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
2020/09/30 07:41:54.67  1.02  1.67  47.7052  18.5377  5.7  3.6 142  0.0f  12  9 132  0.12  1.08  sx BUD  16002340  BUD  155

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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
HU09A  0.12 237.6 Lg      07:41:58.497 -2.0      T__          ---          5559416      FDSN ZJ      00 BUD      iLoc HHN ??? _
SR0    0.19 305.6 Pg      07:41:59.893  1.0      T__          4108.3      --- ML      2.4 5559408      FDSN SK      -- BUD      iLoc EHZ EHZ _
SR0    0.19 305.6 Lg      07:42:03.555  1.0      T__          ---          5559409      FDSN SK      -- BUD      iLoc EHN ??? _
HU10A  0.35 66.5 Lg      07:42:07.903 -0.5      T__          ---          5559419      FDSN ZJ      00 BUD      iLoc HHE ??? _
CSKK   0.39 208.9 Lg      07:42:09.033 -0.8      T__          ---          5559411      FDSN HU      -- BUD      iLoc HHN ??? _
HU08A  0.50 236.8 Lg      07:42:12.530 -0.7      T__          ---          5559412      FDSN ZJ      00 BUD      iLoc HHN ??? _
VYHS   0.81 14.1 Pn       07:42:13.923  1.4      T__          12.2        --- ML      1.0 5559415      FDSN SK      -- BUD      iLoc HHZ HHZ _
VYHS   0.81 14.1 Lg      07:42:21.658 -1.6      T__          ---          5559414      FDSN SK      -- BUD      iLoc HHZ ??? _
MPLH   0.86 232.1 Lg      07:42:25.409  0.6      T__          ---          5559413      FDSN HU      -- BUD      iLoc HHE ??? _
PSZ    0.94 76.4 Lg      07:42:27.976 -0.8      T__          ---          5559410      FDSN GE      -- BUD      iLoc HHN ??? _
MODS   1.08 308.8 Pn       07:42:15.068 -1.2      T__          ---          5559417      FDSN SK      -- BUD      iLoc HHZ ??? _
MODS   1.08 308.8 Lg      07:42:29.693 -3.3      T__          ---          5559418      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
2020/09/30 08:29:50.33  1.55  0.67  48.2928  21.4237  13.9  11.0 114  0.0  0.0  8  0 321  0.12  1.09  kx BUD  16002342  BUD
2020/09/30 08:29:51.21  0.99  0.51  48.2470  21.2460f  0.0f  8  5 255  0.05  0.96  kx BUD_GT  16002343  BUD  312

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(locality : Tallya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID

ML 1.8 0.1 3 BUD 16002343

Sta	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	08:29:52.749	-0.0					T__		2913.8		---	ML	1.9	5559461	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	08:29:53.985	-0.4					T__				---		5559462	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU02A	0.50	255.8	Lg	08:30:08.931	-0.9					T__				---		5559463	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
JOS	0.53	298.1	Pg	08:30:02.139	0.2					T__		33.1		---	ML	1.3	5559464	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	08:30:09.970	-0.1					T__				---		5559465	FDSN	ZJ	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.56	295.3	Pg	08:30:02.947	0.5					T__		108.2		---	ML	1.8	5559466	FDSN	SK	--	iLoc	BUD	EHE	EHZ	_
KECS	0.56	295.3	Lg	08:30:11.633	0.6					T__				---		5559467	FDSN	SK	--	iLoc	BUD	EHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.96	250.6	Sn	08:30:26.640	-0.4					T__				---		5559468	FDSN	GE	--	iLoc	BUD	HHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/30	09:48:39.75	0.53	1.69	47.2330	18.3018	7.6	4.4	92	0.0	0.0	5	0	159	0.13	1.05	kx	BUD	16002344	BUD			
2020/09/30	09:48:37.13	1.03	1.33	47.2302	18.2835f				0.0f		5	4	156	0.13	1.05	kx	BUD_GT	16002345	BUD			254
(locality : Iszkaszentgyörgy Hungary)																						
(description : known quarry blast)																						
(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	09:48:39.862	-0.6					T__		156.6		---	ML	0.9	5559509	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:48:42.577	-1.0					T__				---		5559510	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
HU09A	0.41	9.3	Lg	09:48:55.060	1.9					T__				---		5559513	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
MPLH	0.51	263.5	Lg	09:48:57.195	1.4					T__				---		5559511	FDSN	HU	--	iLoc	BUD	HHN	???	_	
MORH	1.05	166.2	Lg	09:49:13.587	0.4					T__				---		5559512	FDSN	HU	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/30	10:04:51.94	0.43	1.20	46.1194	18.0046	5.2	4.1	171	0.0	0.0	6	0	97	0.07	0.92	kx	BUD	16002346	BUD			
2020/09/30	10:04:50.31	1.03	1.08	46.1204	18.0243f				0.0f		6	5	94	0.06	0.93	kx	BUD_GT	16002347	BUD			171
(locality : Bükkösd Hungary)																						
(description : known quarry blast)																						
(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	10:04:52.354	0.1					T__		1675.1		---	ML	1.7	5559529	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	10:04:53.242	-0.8					T__				---		5559530	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									

A273A	0.25	215.5	Lg	10:05:00.800	1.0	T__	---	5559533	FDSN	Z3	00	iLoc	BUD	HHN	???	_
A266A	0.44	22.3	Lg	10:05:07.536	0.9	T__	---	5559532	FDSN	Z3	00	iLoc	BUD	HHN	???	_
MORH	0.44	77.4	Lg	10:05:06.063	-0.6	T__	---	5559531	FDSN	HU	--	iLoc	BUD	HHZ	???	_
BEHE	0.93	292.5	Lg	10:05:20.245	-1.7	T__	---	5559534	FDSN	HU	--	iLoc	BUD	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/30	11:21:41.46	3.56	1.60	47.9567	16.1258	21.8	10.8	55	0.0f	6	4	201	0.18	1.12	sx	BUD	16002348	BUD			309	

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	
CONA	0.18	261.0	Pg	11:21:45.013	-0.2				T__		325.8			---	ML	1.3	5559552	FDSN	OE	--	BUD	iLoc	HHE	HHZ	_
CONA	0.18	261.0	Lg	11:21:47.485	-0.5				T__					---		5559553	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	0.74	253.6	Lg	11:22:06.562	1.5				T__					---		5559558	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
ARSA	0.82	210.2	Pg	11:21:57.715	0.5				T__		62.8			---	ML	1.8	5559556	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.82	210.2	Lg	11:22:06.829	-0.7				T__					---		5559555	FDSN	OE	--	BUD	iLoc	HHE	???	_	
MODS	0.88	61.2	Lg	11:22:17.402	4.5				---					---		5559554	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.12	9.1	Sn	11:22:22.151	2.1				T__					---		5559557	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	
2020/10/01	07:43:05.78	0.30	0.86	47.5678	18.4472	4.4	2.9	141	0.0	0.0	12	0	109	0.08	1.04	kx	BUD	16002350	BUD				
2020/10/01	07:43:03.72	0.88	0.75	47.5600	18.4573f				0.0f		12	9	113	0.09	1.03	kx	BUD_GT	16002351	BUD			145	

(locality : Tatabánya Hungary)

(description : known quarry blast)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.5	4 BUD	16002351

Sta	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	07:43:06.028	-0.1				T__		2483.5			---	ML	2.0	5559626	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	07:43:07.921	-0.6				T__					---		5559627	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CSKK	0.24	214.2	Pg	07:43:08.579	-0.4				T__		336.9			---	ML	1.5	5559628	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	07:43:13.323	-0.3				T__					---		5559629	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
SRD	0.27	339.1	Pg	07:43:11.022	1.4				T__		1677.3			---	ML	2.3	5559630	FDSN	SK	--	iLoc	BUD	EHZ	EHZ	_
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
HU08A	0.38	250.6	Lg	07:43:18.215	-0.2				T__					---		5559631	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
BUD	0.39	101.0	Lg	07:43:18.131	-0.8				T__					---		5559636	FDSN	HU	--	iLoc	BUD	HHN	???	_	
HU10A	0.47	52.8	Lg	07:43:20.976	-0.7				T__					---		5559632	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
MPLH	0.74	238.3	Lg	07:43:30.576	0.9				T__					---		5559633	FDSN	HU	--	iLoc	BUD	HHN	???	_	
VYHS	0.97	15.1	Pg	07:43:23.974	0.6				T__		15.6			---	ML	1.2	5559634	FDSN	SK	--	iLoc	BUD	HHZ	HHZ	_
VYHS	0.97	15.1	Lg	07:43:37.414	-0.2				T__					---		5559635	FDSN	SK	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	1.03	69.2	Lg	07:43:40.069	-1.0				T__					---		5559637	FDSN	GE	--	iLoc	BUD	HHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/01	07:50:24.59	0.82	0.45	48.0371	20.6679	8.4	4.8	155	0.0	0.0	7	0	201	0.13	0.53	kx	BUD	16002352	BUD			
2020/10/01	07:50:23.37	0.98	1.22	48.0750	20.6990f				0.0f		7	5	195	0.13	0.56	kx	BUD_GT	16002353	BUD			268

(locality : Miskolc-Mexikóvölgy Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	2 BUD	16002353

Sta	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	07:50:26.675	0.1					T__		1030.1		---	ML	1.7	5559664	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	07:50:28.886	-0.4					T__				---		5559665	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
ABAH	0.42	58.4	Lg	07:50:39.596	0.0					T__				---		5559667	FDSN	HU	--	iLoc	BUD	HHE	???	_	
KECS	0.43	340.8	Lg	07:50:39.156	0.2					T__				---		5559661	FDSN	SK	--	iLoc	BUD	EHE	???	_	
JOS	0.43	345.9	Pg	07:50:33.012	0.8					T__		50.5		---	ML	1.2	5559662	FDSN	ZJ	--	iLoc	BUD	HHN	HHZ	_
JOS	0.43	345.9	Lg	07:50:39.127	0.1					T__				---		5559663	FDSN	ZJ	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
PSZ	0.56	254.1	Lg	07:50:41.607	-2.8					T__				---		5559666	FDSN	GE	--	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/01	08:56:03.90	0.93	0.96	48.5235	17.4619	6.8	3.2	127	0.0f		9	6	124	0.19	1.22	sx	BUD	16002354	BUD			194

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	219.4	Pg	08:56:08.130	-0.2					T__				---		5559728	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	219.4	Lg	08:56:11.286	-0.8					T__				---		5559729	FDSN	SK	--	BUD	iLoc	HHE	???	_	
JAVC	0.36	22.3	Pg	08:56:11.401	-0.3					T__		144.2		---	ML	1.5	5559730	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	22.3	Lg	08:56:17.545	-0.3					T__				---		5559731	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
ZST	0.41	216.3	Lg	08:56:18.814	-0.2					T__				---		5559732	FDSN	SK	--	BUD	iLoc	HHE	???	_	
KRUC	0.89	307.8	Lg	08:56:34.517	0.5					T__				---		5559734	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
VYHS	0.91	91.3	Lg	08:56:36.546	0.9					T__				---		5559733	FDSN	SK	--	BUD	iLoc	HHE	???	_	
CONA	1.22	241.5	Pg	08:56:27.775	-0.2					T__		37.2		---	ML	1.8	5559735	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.22	241.5	Lg	08:56:45.653	1.8					T__				---		5559736	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
2020/10/01	10:51:15.30	1.06	1.14	47.3540	18.4194	5.9	4.6	118	0.0f		14	9	112	0.11	1.28	sx	BUD	16002356	BUD			193

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	16002356

Sta	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	274.9	Pg	10:51:17.392	-0.7					T__		4300.5		---	ML	2.2	5559766	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	274.9	Lg	10:51:19.208	-1.6					T__				---		5559767	FDSN	HU	--	BUD	iLoc	HHE	???	_	

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
HU09A 0.29 355.0 Lg 10:51:26.599 -0.2 T__
HU08A 0.35 283.1 Pg 10:51:23.184 0.5 T__ 134.0
HU08A 0.35 283.1 Lg 10:51:29.663 0.9 T__
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
MPLH 0.63 253.3 Pg 10:51:29.031 0.9 T__ 62.6
MPLH 0.63 253.3 Lg 10:51:38.223 0.5 T__
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU10A 0.64 39.3 Lg 10:51:38.910 -0.1 T__
PSZ 1.15 59.9 Sn 10:51:55.304 -0.3 T__
MORH 1.15 172.2 Pn 10:51:38.254 0.9 T__ 30.7
MORH 1.15 172.2 Lg 10:51:54.008 -0.8 T__
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 1.17 13.6 Pn 10:51:39.102 1.0 T__ 18.4
VYHS 1.17 13.6 Sn 10:51:54.488 -1.8 T__
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MODS 1.28 323.4 Sn 10:51:56.978 -1.8 T__

```

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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
2020/10/01 11:30:40.40 1.55 0.65 48.9048 21.1112 10.2 6.6 68 0.0f 9 7 204 0.56 1.57 sx BUD 16002358 BUD 239

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Magnitude Err Nsta Author OrigID
ML 1.5 0.2 3 BUD 16002358

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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 0.56 223.0 Pg 11:30:51.741 0.2 T__ 30.1 --- ML 1.3 5559815 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.56 223.0 Lg 11:30:59.855 -0.1 T__ --- 5559811 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.59 224.7 Lg 11:31:01.564 0.5 T__ --- 5559808 FDSN SK -- BUD iLoc EHE ??? _
ABAH 0.62 172.0 Pg 11:30:52.764 0.1 T__ 60.7 --- ML 1.6 5559816 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE 0.74 314.3 Lg 11:31:05.100 0.1 T__ --- 5559813 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.87 206.7 Pg 11:30:57.093 -1.3 T__ 29.8 --- ML 1.5 5559809 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.87 206.7 Lg 11:31:12.545 0.8 T__ --- 5559810 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
LANS 1.11 283.4 Lg 11:31:17.390 -0.1 T__ --- 5559812 FDSN SK -- BUD iLoc EHN ??? _
OJC 1.57 327.5 Lg 11:31:31.175 0.1 T__ --- 5559814 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
2020/10/01 13:01:49.99 4.24 0.81 47.7824 19.4614 70.0 5.2 171 0.0f 5 4 217 0.30 1.02 sx BUD 16002360 BUD 340

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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	
HU10A	0.30	282.1	Pg	13:01:56.673	0.1					T__		402.9		___	ML	1.8	5559835	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.30	282.1	Lg	13:02:01.827	-0.1					T__				---		5559836	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.32	64.8	Lg	13:02:02.179	-0.7					T__				---		5559837	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
HU02A	0.79	64.2	Lg	13:02:19.712	0.8					T__				---		5559839	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
JOS	1.02	44.9	Sn	13:02:26.696	0.3					T__				---		5559838	FDSN	ZJ	--	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
2020/10/01	14:26:13.57	0.96	1.28	47.6278	16.3927	6.7	3.5	4	0.0f		12	8	117	0.12	0.95	sx	BUD	16002362	BUD			157

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	16002362

Sta	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	63.6	Pg	14:26:16.411	-0.0					T__		152.8		___	ML	0.8	5559866	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.12	63.6	Lg	14:26:18.831	0.2					T__				---		5559867	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																									
CONA	0.47	310.2	Pg	14:26:22.670	-0.3					T__		64.9		___	ML	1.4	5559864	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.47	310.2	Lg	14:26:29.456	0.2					T__				---		5559865	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
EGYH	0.67	108.0	Lg	14:26:39.503	2.1					T__				---		5559871	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ARSA	0.70	237.7	Lg	14:26:35.265	-0.7					T__				---		5559873	FDSN	OE	--	BUD	iLoc	HHE	???	_	
A013A	0.79	303.6	Pg	14:26:28.088	-0.8					T__		55.3		___	ML	1.7	5559868	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.79	303.6	Lg	14:26:39.950	0.7					T__				---		5559869	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
A018A	0.90	277.9	Pg	14:26:30.471	-0.5					T__		48.7		___	ML	1.7	5559875	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.90	277.9	Lg	14:26:44.568	2.4					T__				---		5559874	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
MPLH	0.90	120.0	Lg	14:26:43.587	-1.4					T__				---		5559872	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MODS	0.95	38.2	Lg	14:26:47.006	-0.7					T__				---		5559870	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
2020/10/02	01:11:37.00	0.87	0.96	47.4578	18.8763	4.5	2.8	163	3.0f		14	8	109	0.10	1.25	ke	BUD	16002364	BUD			129

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	6 BUD	16002364

Sta	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	0.10	75.5	Pg	01:11:39.448	-0.0					T__		365.9		___	ML	1.2	5559910	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BUD	0.10	75.5	Lg	01:11:41.136	-0.4					T__				---		5559911	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
A271A	0.30	185.4	Lg	01:11:50.316	1.8					T__				---		5559917	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU09A	0.38	298.6	Pg	01:11:45.529	0.8					T__		47.7		___	ML	1.0	5559918	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.38	298.6	Lg	01:11:50.952	-0.1					T__				---		5559919	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
HU10A 0.40 13.9 Pg 01:11:45.929 0.7 T__ 57.4 ___ ML 1.2 5559922 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.40 13.9 Lg 01:11:51.525 -0.2 T__ ___ 5559923 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.43 257.5 Pg 01:11:45.332 -0.3 T__ 53.3 ___ ML 1.2 5559912 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.43 257.5 Lg 01:11:50.625 -2.2 T__ ___ 5559913 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU08A 0.65 268.0 Pn 01:11:51.439 -0.3 T__ 30.2 ___ ML 1.3 5559920 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.65 268.0 Lg 01:11:59.957 0.0 T__ ___ 5559916 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.83 55.8 Pg 01:11:53.942 -0.4 T__ 36.9 ___ ML 1.5 5559914 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.83 55.8 Lg 01:12:06.452 -0.2 T__ ___ 5559915 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
MORH 1.25 187.4 Sn 01:12:18.417 0.6 T__ ___ 5559921 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
2020/10/02 06:24:12.91 1.01 1.67 46.8708 17.3173 5.6 4.5 105 0.0f 10 8 92 0.14 1.51 sx BUD 16002366 BUD 146

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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
A261A 0.14 305.2 Pg 06:24:16.536 0.1 T__ 7582.9 ___ ML 2.6 5559958 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.14 305.2 Lg 06:24:19.492 0.3 T__ ___ 5559959 FDSN Z3 00 BUD iLoc HHN ??? _
A263A 0.23 180.4 Lg 06:24:23.721 1.7 T__ ___ 5559964 FDSN Z3 00 BUD iLoc HHN ??? _
MPLH 0.34 26.8 Lg 06:24:25.717 -0.2 T__ ___ 5559957 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.70 36.2 Lg 06:24:37.224 -1.3 T__ ___ 5559961 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 0.81 52.3 Pn 06:24:35.913 5.4 ___ 128.1 ___ ML 2.1 5559955 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.81 52.3 Lg 06:24:41.826 -1.0 T__ ___ 5559956 FDSN HU -- BUD iLoc HHN ??? _
KOGS 0.85 240.5 Lg 06:24:39.028 -1.7 T__ ___ 5559960 FDSN SL -- BUD iLoc BHZ ??? _
KOVH 0.95 145.1 Lg 06:24:44.695 -0.5 T__ ___ 5559962 FDSN HU -- BUD iLoc HHN ??? _
A273A 1.02 159.9 Lg 06:24:44.313 -2.2 T__ ___ 5559963 FDSN Z3 00 BUD iLoc HHN ??? _
HU10A 1.51 49.3 Lg 06:25:07.637 2.4 T__ ___ 5559965 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
2020/10/02 08:20:04.55 1.24 0.70 48.3740 17.3566 9.1 3.5 124 0.0f 10 7 200 0.05 1.10 sx BUD 16002368 BUD 251

```

Magnitude Err Nsta Author OrigID

```

ML 1.9 0.1 4 BUD 16002368
Sta 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 0.05 269.7 Pg 08:20:05.985 -0.3 T__ 52618.0 ___ 5559990 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.25 223.7 Pg 08:20:10.068 0.1 T__ ___ 5559991 FDSN SK -- BUD iLoc HHZ HHZ _
ZST 0.25 223.7 Lg 08:20:13.638 -0.7 T__ ___ 5559992 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 3.7 magdef=1
(Station ML: 3.7 magdef=1

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```

JAVC  0.53 23.1 Pg      08:20:15.821  0.2      T__      115.9      ___ ML      1.8 5559993  FDSN CZ      -- BUD  iLoc  HHZ HHZ  _
JAVC  0.53 23.1 Lg      08:20:24.014 -0.2      T__      ___          ___          5559994  FDSN CZ      -- BUD  iLoc  HHZ ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A001A  0.62 305.2 Pg      08:20:17.238  0.3      T__      88.6      ___ ML      1.8 5559997  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KRUC  0.94 317.6 Lg      08:20:36.015 -0.4      T__      ___          ___          5559998  FDSN CZ      -- BUD  iLoc  HHE ???  _
VRAC  1.06 332.0 Lg      08:20:39.459 -0.8      T__      ___          ___          5559999  FDSN CZ      -- BUD  iLoc  HHE ???  _
CONA  1.10 246.5 Pg      08:20:26.565  0.4      T__      62.8      ___ ML      1.9 5559995  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
CONA  1.10 246.5 Lg      08:20:41.675  1.3      T__      ___          ___          5559996  FDSN OE      -- 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
2020/10/02 08:31:33.36  0.31  0.84 47.8715 19.1099  5.9  2.9 165  0.0  0.0  13  0 160  0.07  1.14  kx BUD  16002370  BUD
2020/10/02 08:31:31.43  0.87  0.90 47.8355 19.1270f  0.0f  13  7 168  0.07  1.15  kx BUD_GT 16002371  BUD
(locality : Sejce-Vác Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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```

Magnitude  Err Nsta Author  OrigID
ML 1.4 0.1 6 BUD 16002371

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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  0.07 277.6 Pg      08:31:33.835  0.4      T__      1839.9      ___ ML      1.8 5077346  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU10A  0.07 277.6 Lg      08:31:35.032 -0.3      T__      ___          ___          5077347  FDSN ZJ      00 BUD  iLoc  HHZ ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU03A  0.33 77.7 Pg      08:31:39.198  0.6      T__      115.4      ___ ML      1.3 5077350  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU03A  0.33 77.7 Lg      08:31:45.070  1.2      T__      ___          ___          5077351  FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ  0.52 80.6 Pg      08:31:42.495 -0.3      T__      47.9      ___ ML      1.4 5077352  FDSN GE      -- BUD  iLoc  HHZ HHZ  _
PSZ  0.52 80.6 Lg      08:31:51.135 -0.1      T__      ___          ___          5077353  FDSN GE      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU09A  0.54 248.9 Lg      08:31:51.795  0.2      T__      ___          ___          5077354  FDSN ZJ      00 BUD  iLoc  HHN ???  _
VYHS  0.69 343.6 Pg      08:31:45.473 -0.0      T__      19.9      ___ ML      1.2 5077344  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
VYHS  0.69 343.6 Lg      08:31:54.704 -1.0      T__      ___          ___          5077345  FDSN SK      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU02A  0.98 72.5 Pn      08:31:51.515  0.0      T__      21.8      ___ ML      1.4 5077355  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU02A  0.98 72.5 Lg      08:32:04.830 -2.4      T__      ___          ___          5077356  FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS  1.15 54.5 Pn      08:31:54.021  0.3      T__      27.7      ___ ML      1.6 5077348  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS  1.15 54.5 Sn      08:32:10.590 -0.7      T__      ___          ___          5077349  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
2020/10/02	08:38:02.66	1.08	1.00	48.2667	21.4565	14.6	4.6	7	0.0f	8	6	157	0.15	0.86	sx	BUD	16002372	BUD			218	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	16002372

Sta	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	281.6	Lg	08:38:09.845	0.6					T__						5560078	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HU02A	0.64	257.3	Pg	08:38:15.744	-0.3					T__		28.6			ML	1.3	5560080	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
JOS	0.65	290.9	Pg	08:38:15.874	0.2					T__		40.9			ML	1.5	5560075	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	290.9	Lg	08:38:25.230	-0.4					T__						5560076	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
KECS	0.68	288.9	Lg	08:38:26.532	-0.1					T__						5560077	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.74	100.3	Pg	08:38:17.572	0.5					T__		41.6			ML	1.5	5560081	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.74	100.3	Lg	08:38:28.277	-1.3					T__						5560082	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
KOLS	0.86	38.8	Lg	08:38:31.542	-1.5					T__						5560079	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
2020/10/02	08:44:20.82	0.96	0.95	48.2997	19.0200	6.2	3.7	36	0.0f	10	7	122	0.23	1.06	sx	BUD	16002374	BUD			167	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	16002374

Sta	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	327.8	Pg	08:44:26.022	0.3					T__		84.7			ML	0.9	5560110	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.23	327.8	Lg	08:44:28.987	-0.5					T__						5560111	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.9 magdef=1)																					
				(Station ML: 0.9 magdef=1)																					
HU10A	0.45	180.1	Lg	08:44:36.910	-1.0					T__						5560114	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU03A	0.55	135.3	Lg	08:44:41.882	0.9					T__						5560115	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.99	78.8	Lg	08:44:54.949	-0.8					T__						5560117	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	1.02	99.4	Pn	08:44:42.676	1.2					T__		35.4			ML	1.6	5560112	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.02	99.4	Lg	08:44:56.063	-1.4					T__						5560113	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
JOS	1.03	78.5	Pg	08:44:41.637	0.4					T__		29.4			ML	1.5	5560109	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.03	78.5	Lg	08:44:56.694	-0.2					T__						5560108	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
JAVC	1.06	302.5	Lg	08:44:58.147	-0.2					T__						5560116	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
2020/10/02	10:20:11.79	1.52	1.24	46.9649	22.2951	13.2	5.2	1	0.0f	12	7	198	0.33	1.83	sx	BUD	16002376	BUD			252	

Magnitude	Err	Nsta	Author	OrigID

ML 2.0 0.3 7 BUD 16002376

Sta	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	121.1	Pg	10:20:18.363	-0.3					T__		154.5		---	ML	1.4 5560180	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.33	121.1	Lg	10:20:23.123	-1.2					T__				---		5560181	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																								
HU24A	0.78	266.4	Pg	10:20:28.100	-0.2					T__		390.1		---	ML	2.5 5560185	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=0)																								
SIRR	0.82	212.4	Pg	10:20:28.541	0.1					T__		31.3		---	ML	1.5 5560182	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.82	212.4	Lg	10:20:40.376	-0.6					T__				---		5560183	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
CJR	0.93	105.2	Pg	10:20:31.039	1.0					T__		192.9		---	ML	2.3 5560184	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																								
BZS	1.43	199.5	Pn	10:20:38.235	0.2					T__		39.3		---	ML	1.9 5560186	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.43	199.5	Sn	10:20:58.198	0.0					T__				---		5560187	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
GZR	1.61	167.8	Pg	10:20:43.235	1.0					T__		39.5		---	ML	2.0 5560188	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.61	167.8	Sn	10:21:04.611	1.6					T__				---		5560189	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
LOT	1.83	145.5	Pn	10:20:46.710	2.4					T__		47.7		---	ML	2.2 5560190	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.83	145.5	Sn	10:21:10.249	1.3					T__				---		5560191	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
2020/10/02	11:37:53.48	1.00	0.18	48.3957	20.6306	5.7	3.5	65	0.0f		8	5	134	0.12	0.69	sx	BUD	16002378	BUD		225	

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 5 BUD 16002378

Sta	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	328.8	Pg	11:37:55.971	-0.1					T__		515.7		---	ML	1.3 5560225	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	328.8	Lg	11:37:58.036	-0.2					T__				---		5560226	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
KECS	0.13	312.3	Pg	11:37:56.431	0.1					T__		601.3		---	ML	1.4 5560227	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.13	312.3	Lg	11:37:58.923	0.2					T__				---		5560228	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU02A	0.28	194.5	Pg	11:37:59.670	-0.1					T__		52.3		---	ML	0.8 5560230	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.28	194.5	Lg	11:38:04.861	0.2					T__				---		5560231	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																								
ABAH	0.42	103.6	Pg	11:38:02.073	-0.0					T__		68.1		---	ML	1.3 5560229	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								

PSZ 0.69 226.2 Pg 11:38:08.001 -0.1 T__ 51.5 ___ ML 1.6 5560232 FDSN GE -- 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
2020/10/02	16:40:37.16	1.06	1.36	45.8367	16.0207	9.0	5.2	160	1.9	10.9	29	16	105	0.03	2.10	ke	BUD	16002380	BUD		161	

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.2	15 BUD	16002380

Sta	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	0.03	247.6	Pg	16:40:39.107	1.2					T__	134988.5			___	ML	3.5	5560327	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.03	247.6	Lg	16:40:40.725	2.1					T__				---		5560328	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=0																									
PTJ	0.08	332.4	Pg	16:40:38.696	-0.5					T__	36808.7			___	ML	3.1	5560326	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.08	332.4	Lg	16:40:39.692	-1.3					T__				---		5560325	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=0																									
CRES	0.39	268.6	Pg	16:40:44.670	-0.2					T__	362.8			___	ML	2.0	5560329	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	268.6	Lg	16:40:50.515	-0.2					T__				---		5560330	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0																									
KOGS	0.63	14.5	Pg	16:40:49.213	-0.4					T__	639.2			___	ML	2.7	5560331	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.63	14.5	Lg	16:40:57.393	-0.4					T__				---		5560332	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1																									
BEHE	0.82	39.4	Pn	16:40:54.492	-0.7					T__	1252.1			___	ML	3.1	5560333	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1																									
A264A	0.94	69.5	Pg	16:40:55.911	0.0					T__	1093.0			___	ML	3.1	5560334	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.94	69.5	Lg	16:41:09.294	1.2					T__				---		5560335	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=0																									
A263A	1.21	47.7	Pn	16:40:59.213	-1.0					T__	301.7			___	ML	2.6	5560338	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	1.21	47.7	Sn	16:41:15.900	-1.1					T__				---		5560339	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1																									
OBKA	1.22	303.9	Pg	16:41:00.175	-0.1					T__	185.5			___	ML	2.4	5560336	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.22	303.9	Lg	16:41:16.896	0.2					T__				---		5560337	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																									
A273A	1.26	85.7	Lg	16:41:19.880	1.8					T__				---		5560340	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A261A	1.36	34.6	Pn	16:41:01.563	-0.8					T__	213.6			___	ML	2.6	5560341	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1																									
BLY	1.36	142.5	Pn	16:41:03.050	0.2					T__	97.8			___	ML	2.2	5560344	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.36	142.5	Sn	16:41:21.920	0.4					T__				---		5560345	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0																									
ARSA	1.46	346.5	Pg	16:41:05.676	1.3					T__	130.7			___	ML	2.4	5560342	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.46	346.5	Sn	16:41:21.522	-1.8					T__				---		5560343	FDSN	OE	--	BUD	iLoc	HHE	???	_	

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(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KOVH 1.47 79.4 Pn 16:41:01.035 -2.8 T__ 99.2 ___ ML 2.3 5560347 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.47 79.4 Sn 16:41:21.471 -2.0 T__ ___ 5560346 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
MORH 1.87 77.4 Pn 16:41:07.867 -1.3 T__ 79.0 ___ ML 2.4 5560348 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.87 77.4 Lg 16:41:37.350 0.1 T__ ___ 5560349 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
AO18A 2.01 341.6 Pg 16:41:13.166 -1.1 T__ 52.0 ___ ML 2.3 5560350 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
CONA 2.10 357.1 Pn 16:41:12.754 -0.3 T__ 75.1 ___ ML 2.5 5560351 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 2.10 357.1 Pg 16:41:19.119 2.7 T__ ___ 5560352 FDSN OE -- BUD iLoc HHZ ??? _
CONA 2.10 357.1 Lg 16:41:46.142 1.7 T__ ___ 5560353 FDSN OE -- BUD iLoc HHE ??? _
(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
2020/10/05 08:27:03.80 1.79 0.42 47.7132 18.9546 17.2 6.5 35 0.0 0.0 7 0 282 0.14 1.32 kx BUD 16002382 BUD
2020/10/05 08:27:03.80 1.01 0.77 47.7791 19.0372f 0.0f 7 5 273 0.07 1.24 kx BUD_GT 16002383 BUD 278
(locality : Dunabogdány Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 2 BUD 16002383

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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 0.07 349.3 Pg 08:27:06.122 0.4 T__ 2196.8 ___ ML 1.8 5560416 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU10A 0.07 349.3 Lg 08:27:07.171 -0.3 T__ ___ 5560419 FDSN ZJ 00 iLoc BUD HHZ ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
PSZ 0.59 76.1 Lg 08:27:24.676 -1.4 T__ ___ 5560420 FDSN GE -- iLoc BUD HHZ ??? _
VYHS 0.73 349.4 Lg 08:27:29.528 0.1 T__ ___ 5560421 FDSN SK -- iLoc BUD HHE ??? _
HU02A 1.06 70.5 Sn 08:27:40.620 -1.1 T__ ___ 5560417 FDSN ZJ 00 iLoc BUD HHN ??? _
JOS 1.24 54.0 Pg 08:27:28.261 -0.0 T__ 28.3 ___ ML 1.6 5560422 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 1.24 54.0 Sn 08:27:46.195 0.5 T__ ___ 5560418 FDSN ZJ -- iLoc BUD 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
2020/10/05 08:44:01.76 0.87 1.01 48.6300 18.5960 7.3 3.3 44 0.0f 13 9 120 0.21 1.38 sx BUD 16002384 BUD 136

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 7 BUD 16002384

```

```

Sta 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 0.21 130.4 Pg 08:44:06.237 0.0 T__ 87.9 ___ ML 0.8 5560453 FDSN SK -- BUD iLoc HHZ HHZ _

```

VYHS	0.21	130.4	Lg	08:44:09.419	-0.2	T__									5560454	FDSN	SK	--	BUD	iLoc	HHZ	???	_							
(Reading ML: 0.8 magdef=1)																														
(Station ML: 0.8 magdef=0)																														
A331A	0.58	334.7	Pg	08:44:12.761	-0.4	T__	211.0								ML	2.1	5560461	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_					
A331A	0.58	334.7	Lg	08:44:23.175	2.0	T__											5560460	FDSN	Z3	00	BUD	iLoc	HHE	???	_					
(Reading ML: 2.1 magdef=1)																														
(Station ML: 2.1 magdef=0)																														
JAVC	0.65	290.9	Pg	08:44:14.850	-0.4	T__	85.8										ML	1.8	5560462	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_			
(Reading ML: 1.8 magdef=1)																														
(Station ML: 1.8 magdef=1)																														
MODS	0.91	254.2	Lg	08:44:34.849	0.6	T__												5560459	FDSN	SK	--	BUD	iLoc	HHN	???	_				
PSZ	1.12	128.9	Pn	08:44:25.094	1.1	T__	49.2												ML	1.8	5560463	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.8 magdef=1)																														
(Station ML: 1.8 magdef=1)																														
CSKK	1.29	190.2	Sn	08:44:46.152	0.7	T__														5560458	FDSN	HU	--	BUD	iLoc	HHE	???	_		
JOS	1.30	95.2	Pn	08:44:24.884	-1.4	T__	26.4													ML	1.6	5560456	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.30	95.2	Sn	08:44:46.240	0.6	T__															5560457	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																														
(Station ML: 1.6 magdef=1)																														
MORC	1.34	329.4	Pg	08:44:26.358	-0.3	T__	50.0													ML	1.9	5560464	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.34	329.4	Lg	08:44:44.176	-1.1	T__																5560465	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																														
(Station ML: 1.9 magdef=1)																														
HU02A	1.38	110.8	Pn	08:44:26.988	-0.6	T__	28.9													ML	1.7	5560455	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
2020/10/05	08:47:01.04	0.28	1.00	47.9032	19.4490	5.2	2.6	166	0.0	0.0	14	0	124	0.10	0.94	kx	BUD	16002386	BUD			
2020/10/05	08:46:58.93	0.86	0.83	47.9151	19.4088f				0.0f		14	8	116	0.13	0.95	kx	BUD_GT	16002387	BUD			156
(locality : Szanda Hungary)																						
(description : known quarry blast)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	6 BUD	16002387

Sta	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	08:47:02.478	0.4					T__		3697.6			ML	2.2	5077867	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU03A	0.13	95.0	Lg	08:47:03.774	-0.8					T__						5077880	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_		
(Reading ML: 2.2 magdef=1)																										
(Station ML: 2.2 magdef=0)																										
HU10A	0.27	255.2	Pg	08:47:05.049	0.2					T__	1151.5				ML	2.1	5077868	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU10A	0.27	255.2	Lg	08:47:11.019	1.3					T__							5077869	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																										
(Station ML: 2.1 magdef=1)																										
PSZ	0.33	89.2	Pg	08:47:06.239	-0.1					T__	266.6				ML	1.6	5077870	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.33	89.2	Lg	08:47:11.572	-0.4					T__							5077871	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
BUD	0.50	211.2	Lg	08:47:16.422	-1.5					T__							5077876	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VYHS	0.69	326.7	Pn	08:47:15.201	0.1					T__	27.1					ML	1.3	5077874	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

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VYHS 0.69 326.7 Lg 08:47:23.880 0.5 T__ --- 5077875 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU09A 0.75 248.6 Lg 08:47:27.365 1.1 T__ --- 5077877 FDSN ZJ 00 BUD iLoc HHZ ??? _
HU02A 0.78 74.1 Pg 08:47:14.360 -0.7 T__ 81.0 --- ML 1.8 5077873 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.78 74.1 Lg 08:47:26.747 -0.6 T__ --- 5077872 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 0.95 52.0 Pg 08:47:18.546 0.7 T__ 80.3 --- ML 1.9 5077878 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.95 52.0 Lg 08:47:31.197 -1.0 T__ --- 5077879 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
2020/10/05 09:07:09.32 1.07 1.43 48.5202 20.7518 7.2 3.6 16 0.0f 14 9 119 0.14 1.27 sx BUD 16002388 BUD 160

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Magnitude Err Nsta Author OrigID
ML 1.6 0.3 8 BUD 16002388

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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 0.14 260.3 Pg 09:07:12.707 0.3 T__ 272.4 --- ML 1.1 5560611 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.14 260.3 Lg 09:07:15.751 0.9 T__ --- 5560612 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.18 258.3 Pg 09:07:13.286 0.1 T__ 997.3 --- ML 1.8 5560613 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.18 258.3 Lg 09:07:17.316 1.1 T__ --- 5560620 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.39 124.4 Pg 09:07:17.586 0.1 T__ 59.0 --- ML 1.2 5560616 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 124.4 Lg 09:07:24.529 0.2 T__ --- 5560617 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.43 200.9 Pg 09:07:18.684 0.3 T__ 43.4 --- ML 1.1 5560614 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.43 200.9 Lg 09:07:24.674 -0.7 T__ --- 5560615 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
PSZ 0.83 223.9 Pg 09:07:24.003 -2.9 T__ 65.5 --- ML 1.8 5560618 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
LANS 1.06 307.1 Pg 09:07:28.925 -1.2 T__ 37.5 --- ML 1.7 5560621 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOLS 1.09 67.1 Pn 09:07:33.287 2.3 T__ 6424.1 --- ML 3.9 5560619 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 3.9 magdef=1
(Station ML: 3.9 magdef=0
TRPA 1.25 107.4 Sn 09:07:50.130 -1.9 T__ --- 5560624 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.27 269.5 Pn 09:07:33.493 -0.0 T__ 17.9 --- ML 1.5 5560622 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.27 269.5 Sn 09:07:51.746 -0.9 T__ --- 5560623 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
2020/10/05	10:48:54.85	0.88	1.70	48.5544	17.4836	6.9	2.9	130	0.0f	11	6	141	0.23	1.25	sx	BUD	16002390	BUD			176	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	16002390

Sta	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	0.23	217.2	Pg	10:48:59.377	-0.6					T__						5560680	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.23	217.2	Lg	10:49:03.822	-0.3					T__						5560681	FDSN	SK	--	BUD	iLoc	HHE	???	_	
JAVC	0.33	22.1	Pg	10:49:00.692	-1.3					T__	217.0			---	ML	1.6	5560683	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.33	22.1	Lg	10:49:05.926	-1.7					T__				---		5560684	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ZST	0.44	215.5	Lg	10:49:11.870	0.8					T__				---		5560682	FDSN	SK	--	BUD	iLoc	HHE	???	_	
A331A	0.77	39.0	Pg	10:49:10.602	0.6					T__	50.1			---	ML	1.6	5560687	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	0.77	39.0	Lg	10:49:24.239	3.6					T__				---		5560688	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	0.90	93.3	Pg	10:49:12.312	-0.7					T__	17.5			---	ML	1.2	5560685	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.90	93.3	Lg	10:49:25.969	-0.1					T__				---		5560686	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CONA	1.25	240.6	Pn	10:49:18.941	-0.4					T__	51.8			---	ML	1.9	5560689	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.25	240.6	Lg	10:49:37.443	1.8					T__				---		5560690	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
2020/10/05	11:30:30.65	0.93	1.00	48.2029	19.8229	4.7	4.0	168	0.0f	9	6	123	0.29	0.72	sx	BUD	16002392	BUD			180	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	16002392

Sta	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	0.29	170.4	Pg	11:30:37.414	0.2					T__	325.2			---	ML	1.6	5560720	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.29	170.4	Lg	11:30:43.831	1.5					T__				---		5560721	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.48	99.5	Pg	11:30:40.452	-0.4					T__	80.7			---	ML	1.5	5560724	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.52	57.4	Lg	11:30:49.295	0.0					T__				---		5560722	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.56	58.2	Pg	11:30:42.051	0.1					T__	63.9			---	ML	1.6	5560726	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.56	58.2	Lg	11:30:50.078	-0.4					T__				---		5560723	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU10A	0.65	236.8	Pg	11:30:42.798	-1.3					T__	66.4			---	ML	1.7	5560725	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
VYHS	0.72	294.2	Pg	11:30:46.522	1.2					T__	13.9			---	ML	1.0	5560727	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.72	294.2	Lg	11:30:55.465	-0.4					T__				---		5560728	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.0 magdef=1)																									

(Station ML: 1.0 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
2020/10/07	07:52:13.76	0.26	1.95	46.9030	17.3528	2.9	2.9	50	0.0	0.0	16	0	86	0.15	1.13	kx	BUD	16002396	BUD			
2020/10/07	07:52:11.88	0.91	2.29	46.8548	17.2699f				0.0f		15	11	70	0.13	1.14	kx	BUD_GT	16002397	BUD			87

(locality : Várvölgy Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	4 BUD	16002397

Sta	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	07:52:14.607	-0.5					T__		9536.3		___	ML	2.6	5560794	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
A261A	0.13	319.5	Lg	07:52:19.019	1.2					T__				___		5560795	FDSN	Z3	00	iLoc	BUD	HNN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
A263A	0.22	171.8	Lg	07:52:23.595	3.1					T__				___		5560796	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
MPLH	0.37	30.2	Pg	07:52:16.619	-3.1					---		582.2		---	ML	2.1	5560797	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MPLH	0.37	30.2	Lg	07:52:22.583	-3.3					T__				---		5560798	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
BEHE	0.51	221.7	Lg	07:52:33.097	3.1					T__				---		5560805	FDSN	HU	--	iLoc	BUD	HHE	???	_	
A265A	0.56	139.7	Lg	07:52:29.420	-2.2					T__				---		5560804	FDSN	Z3	00	iLoc	BUD	HNN	???	_	
HU08A	0.73	37.5	Lg	07:52:35.457	-3.1					T__				---		5560799	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
A266A	0.76	115.3	Lg	07:52:41.220	2.7					T__				---		5560807	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
KOGS	0.81	240.3	Sn	07:52:42.726	0.1					T__				---		5560802	FDSN	SL	--	iLoc	BUD	BHE	???	_	
CSKK	0.85	52.7	Lg	07:52:41.355	-1.6					T__				---		5560806	FDSN	HU	--	iLoc	BUD	HHE	???	_	
KOVH	0.96	142.9	Pg	07:52:32.805	1.6					T__		58.5		---	ML	1.8	5560808	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.96	142.9	Lg	07:52:45.088	0.3					T__				---		5560809	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
A011B	1.05	302.2	Sn	07:52:49.062	0.6					T__				---		5560803	FDSN	Z3	00	iLoc	BUD	HH3	???	_	
MORH	1.14	123.5	Pn	07:52:32.918	-1.0					T__		38.4		---	ML	1.7	5560800	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	1.14	123.5	Sn	07:52:47.160	-3.6					T__				---		5560801	FDSN	HU	--	iLoc	BUD	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
2020/10/07	08:48:29.06	0.33	1.87	47.5586	18.5223	3.9	3.3	136	0.0	0.0	11	0	108	0.12	1.46	kx	BUD	16002398	BUD			
2020/10/07	08:48:27.67	0.92	1.79	47.5600	18.4573f				0.0f		11	9	105	0.09	1.50	kx	BUD_GT	16002399	BUD			145

(locality : Tatabánya Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	2 BUD	16002399

Sta	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	08:48:30.120	0.0					T__		2558.3		___	ML	2.0	5560839	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_

HU09A	0.09	327.2	Lg	08:48:32.027	-0.4	T__									5560840	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
CSKK	0.24	214.2	Pg	08:48:32.947	-0.0	T__					276.5		ML	1.4	5560837	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	08:48:37.537	-0.1	T__									5560838	FDSN	HU	--	iLoc	BUD	HHE	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
MPLH	0.74	238.3	Lg	08:48:55.862	2.2	T__									5560841	FDSN	HU	--	iLoc	BUD	HHE	???	_
VYHS	0.97	15.1	Lg	08:49:01.016	-0.5	T__									5560842	FDSN	SK	--	iLoc	BUD	HHE	???	_
PSZ	1.03	69.2	Lg	08:49:05.060	0.0	T__									5560847	FDSN	GE	--	iLoc	BUD	HHZ	???	_
ZST	1.11	305.4	Lg	08:49:06.224	-0.5	T__									5560845	FDSN	SK	--	iLoc	BUD	HHN	???	_
MODS	1.14	316.2	Sn	08:49:06.497	-1.2	T__									5560846	FDSN	SK	--	iLoc	BUD	HHE	???	_
MORH	1.35	174.5	Sn	08:49:11.390	-0.8	T__									5560843	FDSN	HU	--	iLoc	BUD	HHZ	???	_
HU02A	1.50	67.2	Sn	08:49:11.431	-4.9	T__									5560844	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/07	09:33:45.37	3.95	0.47	46.9079	22.7936	57.2	20.3	100	0.1	20.1	8	5	231	0.13	1.96	sx	BUD	16002400	BUD			309

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	16002400

Sta	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	206.0	Pg	09:33:48.314	0.0					T__		444.3		ML	1.3	5560871	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.13	206.0	Lg	09:33:50.859	0.0					T__						5560872	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
SIRR	1.01	231.1	Pn	09:34:05.387	-0.4					T__		20.0		ML	1.4	5560869	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	1.01	231.1	Lg	09:34:20.016	-0.1					T__						5560870	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
GZR	1.52	180.5	Sn	09:34:33.866	-0.6					T__						5560875	FDSN	RO	--	BUD	iLoc	HHE	???	_
BZS	1.53	212.7	Pn	09:34:13.402	0.3					T__		20.9		ML	1.7	5560873	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.53	212.7	Sn	09:34:34.679	0.5					T__						5560874	FDSN	RO	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
HU02A	1.96	309.1	Sn	09:34:44.864	0.2					T__						5560876	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
2020/10/07	10:00:37.93	1.00	0.44	48.1890	16.9322	11.6	4.2	161	0.0f		7	4	160	0.11	1.34	sx	BUD	16002404	BUD			195

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.7	3 BUD	16002404

Sta	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	86.4	Pg	10:00:40.945	0.1					T__		42804.5		ML	3.2	5560925	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
ZST	0.11	86.4	Lg	10:00:43.049	-0.3					T__						5560926	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.2 magdef=1)																								
(Station ML: 3.2 magdef=1)																								
MODS	0.30	51.2	Pg	10:00:44.594	0.2					T__						5560923	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.30	51.2	Lg	10:00:49.269	-0.4					T__						5560924	FDSN	SK	--	BUD	iLoc	HHN	???	_


```

CONA 0.76 250.4 Pg 10:00:52.765 -0.3 T__ 35.4 ___ ML 1.5 5560928 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.76 250.4 Lg 10:01:03.469 0.4 T__ ___ 5560927 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ARSA 1.34 225.9 Pn 10:01:03.962 0.5 T__ 47.3 ___ ML 1.9 5560929 FDSN OE -- 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
2020/10/08 07:30:04.19 1.06 0.94 48.3742 17.2320 12.1 3.6 125 0.0f 6 3 184 0.03 0.57 sx BUD 16002406 BUD 299

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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 0.03 91.2 Pg 07:30:05.576 0.1 T__ ___ 5560963 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.03 91.2 Lg 07:30:07.053 0.2 T__ ___ 5560964 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.20 205.9 Pg 07:30:09.163 0.5 T__ 15679.1 ___ ML 3.0 5560965 FDSN SK -- BUD iLoc HHZ HHZ _
ZST 0.20 205.9 Lg 07:30:11.097 -1.3 T__ ___ 5560968 FDSN SK -- BUD iLoc HHE ??? _
JAVC 0.57 30.8 Pg 07:30:16.378 0.4 T__ 45.0 ___ ML 1.5 5560966 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.57 30.8 Lg 07:30:24.265 -0.8 T__ ___ 5560967 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
2020/10/08 08:03:12.24 0.95 1.09 47.0983 18.0845 7.0 4.3 78 0.0f 12 7 101 0.29 1.49 sx BUD 16002408 BUD 162

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 16002408

```

Sta 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 0.29 24.3 Pg 08:03:18.414 -0.2 T__ 552.0 ___ ML 1.9 5560997 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.29 24.3 Lg 08:03:23.609 -0.5 T__ ___ 5560998 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU08A 0.35 341.9 Pg 08:03:20.742 1.0 T__ 202.5 ___ ML 1.6 5560999 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.35 341.9 Lg 08:03:25.213 -0.8 T__ ___ 5561000 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MPLH 0.38 281.1 Lg 08:03:25.213 -1.4 T__ ___ 5561001 FDSN HU -- BUD iLoc HHN ??? _
MORH 0.96 156.3 Pg 08:03:32.054 0.6 T__ 50.8 ___ ML 1.7 5561002 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.96 156.3 Lg 08:03:45.678 0.0 T__ ___ 5561003 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOVH 1.01 179.4 Pn 08:03:32.351 -0.1 T__ 74.8 ___ ML 1.9 5561004 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.01 179.4 Lg 08:03:46.211 -1.3 T__ ___ 5561005 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
PSZ 1.48 55.6 Sn 08:04:02.347 1.9 T__ ___ 5561006 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.49 19.7 Pn 08:03:40.364 1.0 T__ 15.6 ___ ML 1.5 5561007 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.49 19.7 Sn 08:04:00.168 -0.6 T__ ___ 5561008 FDSN SK -- 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
2020/10/08	08:15:03.07	1.92	0.08	45.9721	17.9958	17.5	17.3	46	0.0	0.0	4	0	330	0.14	0.51	kx	BUD	16002410	BUD			
2020/10/08	08:15:03.54	1.06	0.49	46.1204	18.0243f				0.0f		4	2	316	0.06	0.44	kx	BUD_GT	16002411	BUD			360

(locality : Bükkösd Hungary)

(description : known quarry blast)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	2 BUD	16002411

Sta	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	08:15:05.725	0.2					T__		1004.5		___	ML	1.5	5561031	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	08:15:06.938	-0.4					T__				---		5561032	FDSN	HU	--	iLoc	BUD	HHN	???	_	

(Reading ML: 1.5 magdef=1)

(Station ML: 1.5 magdef=1)

MORH	0.44	77.4	Pg	08:15:13.047	0.3					T__		30.8		___	ML	1.0	5561033	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.44	77.4	Lg	08:15:19.227	-0.7					T__				---		5561034	FDSN	HU	--	iLoc	BUD	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
2020/10/08	08:24:13.97	1.81	0.16	48.5253	20.8131	15.4	6.1	18	10.0f		7	5	227	0.18	0.86	sx	BUD	16002412	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	0.18	260.9	Pg	08:24:18.177	0.0					T__		171.8		___	ML	1.0	5561054	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	260.9	Lg	08:24:21.472	0.1					T__				---		5561055	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.22	259.2	Pg	08:24:18.631	-0.2					T__		954.0		___	ML	1.9	5561056	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.22	259.2	Lg	08:24:22.760	0.2					T__				---		5561057	FDSN	SK	--	BUD	iLoc	EHE	???	_	
ABAH	0.37	128.7	Lg	08:24:27.643	0.1					T__				---		5561059	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HUO2A	0.45	205.6	Lg	08:24:30.532	0.0					T__				---		5561058	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.86	225.7	Sn	08:24:44.965	0.0					T__				---		5561060	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
2020/10/08	08:25:29.18	0.49	0.58	48.3214	21.2419	6.5	3.7	23	0.0	0.0	9	0	171	0.03	1.61	kx	BUD	16002414	BUD			
2020/10/08	08:25:27.06	0.98	0.89	48.2470	21.2460f				0.0f		9	7	153	0.05	1.63	kx	BUD_GT	16002415	BUD			255

(locality : Tállya Hungary)

(description : known quarry blast)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.6	2 BUD	16002415

Sta	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	08:25:28.873	0.2					T__		5442.0		___	ML	2.2	5561093	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	08:25:29.964	-0.3					T__				---		5561094	FDSN	HU	--	iLoc	BUD	HHE	???	_	

(Reading ML: 2.2 magdef=1)

```

(Station ML: 2.2 magdef=1
HU02A 0.50 255.8 Lg 08:25:44.903 -0.8 T__
JOS 0.53 298.1 Pg 08:25:38.459 0.7 T__ 33.8 --- ML 1.3 5561095 FDSN ZJ 00 iLoc BUD HHZ ??? _
JOS 0.53 298.1 Lg 08:25:45.127 -0.8 T__ --- 5561096 FDSN ZJ -- iLoc BUD HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.56 295.3 Lg 08:25:45.824 -1.1 T__ --- 5561098 FDSN SK -- iLoc BUD EHN ??? _
TRPA 0.87 97.2 Lg 08:25:58.012 -0.5 T__ --- 5561099 FDSN HU -- iLoc BUD HHN ??? _
PSZ 0.96 250.6 Lg 08:26:01.491 -0.3 T__ --- 5561100 FDSN GE -- iLoc BUD HHZ ??? _
VYHS 1.63 279.6 Sn 08:26:20.567 1.7 T__ --- 5561101 FDSN SK -- iLoc BUD 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
2020/10/09 07:16:39.90 1.71 0.74 48.0515 20.7417 16.7 6.2 124 0.0 0.0 6 0 274 0.16 0.58 kx BUD 16002416 BUD
2020/10/09 07:16:39.14 1.00 0.81 48.0750 20.6990f 0.0f 6 4 268 0.13 0.56 kx BUD_GT 16002417 BUD 306
(locality : Miskolc-Mexikóvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.2 0.0 2 BUD 16002417

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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 07:16:42.350 0.0 T__ 308.6 --- ML 1.1 5561121 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU02A 0.13 292.1 Lg 07:16:43.573 -1.5 T__ --- 5561126 FDSN ZJ 00 iLoc BUD HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.43 340.8 Lg 07:16:55.020 0.3 T__ --- 5561123 FDSN SK -- iLoc BUD EHE ??? _
JOS 0.43 345.9 Pg 07:16:48.543 0.6 T__ 45.6 --- ML 1.2 5561124 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 0.43 345.9 Lg 07:16:55.184 0.4 T__ --- 5561125 FDSN ZJ -- iLoc BUD HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.56 254.1 Lg 07:16:59.517 -0.7 T__ --- 5561122 FDSN GE -- iLoc BUD HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/10/09 08:15:49.95 3.49 2.36 47.3810 18.1267 22.6 9.8 73 0.0f 7 6 202 0.09 1.31 sx BUD 16002418 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
CSKK 0.09 101.1 Pg 08:15:52.759 0.3 T__ 765.1 --- ML 1.4 5561145 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.09 101.1 Lg 08:15:54.597 -0.3 T__ --- 5561146 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
HU09A 0.31 33.8 Lg 08:16:02.178 -0.2 T__ --- 5561147 FDSN ZJ 00 BUD iLoc HHE ??? _
VYHS 1.21 22.9 Sn 08:16:30.786 -1.0 T__ --- 5561149 FDSN SK -- BUD iLoc HHN ??? _
MORH 1.22 162.9 Sn 08:16:30.175 -1.0 T__ --- 5561148 FDSN HU -- BUD iLoc HHZ ??? _
KOVH 1.29 180.8 Sn 08:16:29.406 -3.5 T__ --- 5561150 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.31 65.1 Sn 08:16:31.495 -2.8 T__ --- 5561151 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
2020/10/09	10:11:33.02	3.34	0.63	48.4298	20.8254	22.1	5.9	74	0.0f	7	4	283	0.20	0.81	sx	BUD	16002420	BUD			301	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	3 BUD	16002420

Sta	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	289.2	Pg	10:11:37.399	0.1					T__		323.3		___	ML	1.4	5561170	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	289.2	Lg	10:11:40.219	-0.4					T__				---		5561171	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.23	283.4	Pg	10:11:38.033	0.1					T__		494.4		___	ML	1.6	5561172	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.23	283.4	Lg	10:11:41.344	-0.3					T__				---		5561173	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.37	213.2	Pg	10:11:40.969	0.0					T__		26.3		___	ML	0.7	5561174	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.37	213.2	Lg	10:11:46.558	-0.6					T__				---		5561175	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
PSZ	0.81	230.9	Lg	10:12:03.307	1.0					T__				---		5561176	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
2020/10/09	12:06:45.88	3.08	0.89	48.6023	20.2176	19.7	6.6	154	0.0f	7	4	278	0.21	0.72	sx	BUD	16002422	BUD			319	

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	3 BUD	16002422

Sta	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	123.7	Lg	12:06:53.731	-0.1					T__				---		5561270	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.24	116.4	Pg	12:06:50.901	0.1					T__		54.2		___	ML	0.7	5561268	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.24	116.4	Lg	12:06:54.520	-0.2					T__				---		5561269	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
HU02A	0.52	156.8	Pg	12:06:57.643	0.8					T__		28.6		___	ML	1.2	5561271	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.52	156.8	Lg	12:07:04.343	-0.9					T__				---		5561272	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.72	197.6	Pg	12:07:00.188	-0.9					T__		34.6		___	ML	1.4	5561273	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.72	197.6	Lg	12:07:12.996	0.9					T__				---		5561274	FDSN	GE	--	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	
2020/10/09	12:20:29.06	1.14	0.44	48.6378	22.4019	21.4	5.5	69	9.6	18.1	12	7	185	0.31	1.82	sx	BUD	16002424	BUD			265	

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.4	5 BUD	16002424

Sta	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	0.31	344.0	Pg	12:20:35.040	-0.2					T__		137512.7		___	ML	4.3	5561306	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

KOLS	0.31	344.0	Lg	12:20:41.142	0.6	T__								5561307	FDSN	SK	--	BUD	iLoc	HHE	???	_	
	(Reading ML: 4.3 magdef=1)																						
	(Station ML: 4.3 magdef=0)																						
TRPA	0.52	169.7	Pg	12:20:39.117	-0.1	T__				102.1			ML	1.7	5561304	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.52	169.7	Lg	12:20:47.770	0.3	T__									5561305	FDSN	HU	--	BUD	iLoc	HHE	???	_
	(Reading ML: 1.7 magdef=1)																						
	(Station ML: 1.7 magdef=0)																						
ABAH	0.85	246.6	Pn	12:20:45.639	-0.3	T__				240.1			ML	2.4	5561308	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.85	246.6	Lg	12:20:57.856	-0.1	T__									5561309	FDSN	HU	--	BUD	iLoc	HHZ	???	_
	(Reading ML: 2.4 magdef=1)																						
	(Station ML: 2.4 magdef=1)																						
JOS	1.25	264.1	Pn	12:20:51.825	0.2	T__				41.2			ML	1.8	5561310	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.25	264.1	Sn	12:21:09.815	0.5	T__									5561311	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
	(Reading ML: 1.8 magdef=1)																						
	(Station ML: 1.8 magdef=1)																						
KECS	1.28	263.8	Sn	12:21:10.654	0.4	T__									5561312	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU02A	1.35	248.3	Pn	12:20:52.890	-0.3	T__				63.1			ML	2.1	5561313	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.35	248.3	Sn	12:21:11.945	-0.2	T__									5561314	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.1 magdef=1)																						
	(Station ML: 2.1 magdef=1)																						
PSZ	1.82	247.7	Lg	12:21:30.454	0.6	T__									5561315	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
2020/10/10	02:17:42.70	1.60	0.37	48.0574	20.8559	11.3	4.4	170	3.0f		7	4	239	0.23	0.49	ke	BUD	16002426	BUD		312	

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.2	3 BUD	16002426

Sta	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	286.4	Pg	02:17:47.917	0.1					T__		17.1			ML	0.2	5561342	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.23	286.4	Lg	02:17:51.464	-0.3					T__						5561343	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
	(Reading ML: 0.2 magdef=1)																								
	(Station ML: 0.2 magdef=1)																								
ABAH	0.35	46.9	Pg	02:17:49.966	0.2					T__		32.2			ML	0.8	5561344	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.35	46.9	Lg	02:17:55.095	-0.6					T__						5561345	FDSN	HU	--	BUD	iLoc	HHE	???	_	
	(Reading ML: 0.8 magdef=1)																								
	(Station ML: 0.8 magdef=1)																								
JOS	0.49	334.4	Pg	02:17:52.572	0.2					T__		19.1			ML	0.9	5561346	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	334.4	Lg	02:17:59.590	-0.2					T__						5561347	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 0.9 magdef=1)																								
	(Station ML: 0.9 magdef=1)																								
KECS	0.49	330.0	Lg	02:18:00.006	0.0					T__						5561348	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
2020/10/10	03:55:45.02	0.82	0.56	48.0696	20.8560	3.5	3.0	85	3.5	9.3	38	24	63	0.23	2.99	ke	BUD	16002428	BUD		101	

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	20 BUD	16002428

Sta	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	283.5	Pg	03:55:49.703	-0.4	T__	364.2	___	ML	1.5	5561421	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.23	283.5	Lg	03:55:53.775	-0.3	T__		---			5561422	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
ABAH	0.34	48.4	Pg	03:55:52.142	0.2	T__	253.6	___	ML	1.7	5561419	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.34	48.4	Lg	03:55:57.040	-0.7	T__		---			5561420	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
JOS	0.48	333.7	Pg	03:55:54.555	0.0	T__	581.5	___	ML	2.4	5561424	FDSN	ZJ	--	BUD	iLoc	HHN	HHZ	_
JOS	0.48	333.7	Lg	03:56:01.592	-0.1	T__		---			5561425	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
KECS	0.48	329.3	Pg	03:55:54.956	0.3	T__	543.3	___	ML	2.4	5561426	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.48	329.3	Lg	03:56:02.198	0.2	T__		---			5561427	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
TENKA	0.54	219.6	Pg	03:55:56.358	-0.0	T__	694.5	___	ML	2.6	5561428	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.54	219.6	Lg	03:56:05.476	1.1	T__		---			5561429	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
HU05A	0.55	159.8	Pg	03:55:56.208	-0.3	T__	166.6	___	ML	2.0	5561423	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.55	159.8	Lg	03:56:05.220	-0.2	T__		---			5561430	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
ATAN3	0.57	216.7	Pg	03:55:57.025	0.0	T__	1823.0	___	ML	3.1	5561431	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATAN3	0.57	216.7	Lg	03:56:05.894	0.4	T__		---			5561432	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=0)																			
HU23A	0.59	223.7	Lg	03:56:07.007	0.7	T__		---			5561433	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
PSZ	0.66	257.2	Pg	03:55:58.146	-0.9	T__	133.9	___	ML	2.0	5561434	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
HU07A	0.72	96.7	Pg	03:55:59.330	0.3	T__	290.5	___	ML	2.4	5561435	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.72	96.7	Lg	03:56:10.231	-0.5	T__		---			5561436	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
HU03A	0.86	259.3	Lg	03:56:15.383	0.1	T__		---			5561437	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
BSZH	0.87	207.5	Pn	03:56:02.707	0.2	T__	196.5	___	ML	2.3	5561438	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.87	207.5	Sn	03:56:16.128	-0.2	T__		---			5561439	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
LTVH	0.98	133.8	Pg	03:56:04.590	-0.1	T__	226.0	___	ML	2.4	5561440	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
LTVH	0.98	133.8	Lg	03:56:19.878	0.8	T__		---			5561441	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
HU01A	1.11	229.5	Lg	03:56:23.416	-0.2	T__		---			5561442	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
TRPA	1.13	86.3	Pg	03:56:06.563	-0.1	T__	104.8	___	ML	2.1	5561443	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
HU24A	1.18	169.8	Lg	03:56:25.689	0.3	T__		---			5561444	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
NIE	1.40	344.9	Pg	03:56:12.132	0.8	T__	20.9	___	ML	1.6	5561445	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.40	344.9	Lg	03:56:30.419	-0.5	T__		---			5561446	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.6 magdef=1)																			

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(Station ML: 1.6 magdef=0
VYHS 1.41 288.2 Pg 03:56:11.993 -1.3 T__ 12.4 ___ ML 1.4 5561447 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.41 288.2 Sn 03:56:31.221 0.9 T__ ___ 5561448 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
LANS 1.42 320.1 Pg 03:56:12.663 -0.3 T__ 109.4 ___ ML 2.3 5561449 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
DRGR 1.79 134.7 Pn 03:56:15.499 -0.3 T__ 40.8 ___ ML 2.1 5561450 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.79 134.7 Lg 03:56:43.749 -0.8 T__ ___ 5561451 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
SIRR 1.88 162.8 Pn 03:56:16.537 -0.3 T__ 15.0 ___ ML 1.7 5561452 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
OJC 2.26 342.5 Pg 03:56:28.389 -0.1 T__ 25.0 ___ ML 2.2 5561454 FDSN PL -- BUD iLoc BHZ BHZ _
OJC 2.26 342.5 Lg 03:56:58.189 1.0 T__ ___ 5561453 FDSN PL -- BUD iLoc BHZ ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MORH 2.39 220.0 Pn 03:56:24.104 0.6 T__ 19.0 ___ ML 2.1 5561455 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
GZR 2.99 153.0 Pn 03:56:32.818 0.1 T__ 23.7 ___ ML 2.5 5561456 FDSN RO -- BUD iLoc HHZ HHZ _
(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
2020/10/10 04:01:36.73 1.28 0.59 48.0392 20.8542 8.6 4.1 172 3.0f 11 7 165 0.24 1.13 ke BUD 16002430 BUD 196

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Magnitude Err Nsta Author OrigID
ML 1.3 0.6 4 BUD 16002430

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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 0.24 290.7 Pg 04:01:41.984 0.1 T__ 53.6 ___ ML 0.7 5561553 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.24 290.7 Lg 04:01:45.850 -0.1 T__ ___ 5561554 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
ABAH 0.36 45.0 Pg 04:01:44.324 0.3 T__ 48.4 ___ ML 1.0 5561551 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.36 45.0 Lg 04:01:49.210 -1.0 T__ ___ 5561552 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
JOS 0.50 335.4 Pg 04:01:46.974 0.2 T__ 87.4 ___ ML 1.6 5561555 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.50 335.4 Lg 04:01:53.852 -0.5 T__ ___ 5561556 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.51 331.1 Pg 04:01:47.454 0.6 T__ 122.0 ___ ML 1.8 5561557 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.51 331.1 Lg 04:01:54.463 -0.1 T__ ___ 5561558 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
PSZ 0.66 259.7 Lg 04:02:00.260 -0.3 T__ ___ 5561559 FDSN GE -- BUD iLoc HHE ??? _
HU07A 0.71 94.3 Lg 04:02:02.663 0.3 T__ ___ 5561560 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 1.13 84.8 Sn 04:02:14.240 -1.0 T__ ___ 5561561 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
2020/10/10	09:02:56.54	0.45	0.72	46.1947	18.2493	7.2	4.5	139	0.0	0.0	5	0	138	0.15	0.33	kx	BUD	16002432	BUD			
2020/10/10	09:02:54.98	1.01	0.86	46.1765	18.2926f				0.0f		5	3	155	0.16	0.35	kx	BUD_GT	16002433	BUD			275

(locality : Komló Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.3	2 BUD	16002433

Sta	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	09:02:58.792	-0.1					T__		171.2		___	ML	1.0	5561584	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	09:03:01.468	-0.5					T__				---		5561585	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
MORH	0.25	80.9	Pg	09:03:00.935	0.5					T__		42.5		___	ML	0.6	5561586	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.25	80.9	Lg	09:03:05.669	0.8					T__				---		5561587	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1)																									
A266A	0.35	356.8	Lg	09:03:06.976	-1.4					T__				---		5561588	FDSN	Z3	00	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/10	12:37:37.72	0.70	0.98	47.4247	19.7698	3.8	2.7	151	9.9	0.3	48	29	53	0.13	2.21	ke	BUD	16002434	BUD			88

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.1	22 BUD	16002434

Sta	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	0.13	231.8	Pg	12:37:41.328	0.0					T__		5172.5		___	ML	2.4	5561669	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	0.13	231.8	Lg	12:37:44.671	0.7					T__				---		5561670	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									
BSZH	0.36	110.1	Pg	12:37:45.221	-0.5					T__		1260.8		___	ML	2.4	5561671	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.36	110.1	Lg	12:37:51.522	0.2					T__				---		5561672	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									
HU23A	0.39	56.4	Lg	12:37:52.641	0.5					T__				---		5561675	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
ATAN3	0.44	64.4	Pg	12:37:47.061	-0.0					T__		2880.4		___	ML	3.0	5561676	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATAN3	0.44	64.4	Lg	12:37:54.197	0.6					T__				---		5561677	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.0 magdef=1 Station ML: 3.0 magdef=0)																									
TENKA	0.45	59.4	Pg	12:37:47.372	-0.1					T__		2619.6		___	ML	3.0	5561678	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.45	59.4	Lg	12:37:54.700	0.4					T__				---		5561679	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.0 magdef=1 Station ML: 3.0 magdef=0)																									
HU03A	0.49	346.6	Pn	12:37:49.255	-1.6					T__		567.8		___	ML	2.4	5561673	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.49	346.6	Lg	12:37:56.119	0.6					T__				---		5561674	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									

PSZ	0.50	9.6	Pg	12:37:47.573	-1.0	T__	427.9	___	ML	2.3	5561681	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.50	9.6	Lg	12:37:55.535	-0.8	T__		---			5561682	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
BUD	0.51	276.9	Lg	12:37:56.095	-0.3	T__		---			5561680	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU04A	0.64	198.1	Pn	12:37:51.183	-0.0	T__	1028.8	---	ML	2.9	5561683	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04A	0.64	198.1	Lg	12:38:01.197	0.3	T__		---			5561684	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
HU10A	0.66	309.9	Sn	12:38:04.398	1.6	T__		---			5561685	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A271A	0.69	247.4	Pn	12:37:53.519	1.6	T__	439.0	---	ML	2.5	5561686	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A271A	0.69	247.4	Sn	12:38:04.686	1.3	T__		---			5561687	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
HU02A	0.86	35.8	Pn	12:37:53.734	-0.8	T__	214.3	---	ML	2.3	5561688	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.86	35.8	Lg	12:38:06.809	-1.1	T__		---			5561689	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
HU05A	0.94	81.7	Lg	12:38:09.678	-0.4	T__		---			5561690	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU09A	0.96	283.3	Sn	12:38:11.539	1.3	T__		---			5561691	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CSKK	1.03	267.1	Pg	12:37:58.521	0.3	T__	369.7	---	ML	2.6	5561692	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.03	267.1	Sn	12:38:13.043	1.3	T__		---			5561693	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
KECS	1.16	24.2	Pn	12:37:59.860	1.3	T__	262.9	---	ML	2.6	5561695	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	1.16	24.2	Sn	12:38:15.663	0.8	T__		---			5561696	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
HU22A	1.18	202.0	Pg	12:38:00.731	-0.5	T__	961.5	---	ML	3.1	5561694	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=0)																			
JOS	1.19	25.5	Pn	12:38:00.035	1.1	T__	62.1	---	ML	2.0	5561697	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.19	25.5	Sn	12:38:15.838	0.4	T__		---			5561698	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
VYHS	1.24	330.0	Pg	12:38:02.891	0.3	T__	16.0	---	ML	1.4	5561700	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
HU08A	1.25	271.0	Sn	12:38:19.698	2.5	T__		---			5561699	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ABAH	1.32	48.1	Pn	12:38:01.119	0.5	T__	148.4	---	ML	2.4	5561701	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.32	48.1	Lg	12:38:20.943	-1.3	T__		---			5561702	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
A266A	1.37	229.4	Pg	12:38:04.830	0.2	T__	474.5	---	ML	2.9	5561703	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	1.37	229.4	Sn	12:38:21.106	1.4	T__		---			5561704	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
MORH	1.44	213.0	Pg	12:38:04.511	-1.3	T__	66.3	---	ML	2.1	5561705	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.44	213.0	Lg	12:38:24.616	-1.6	T__		---			5561706	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
MPLH	1.54	261.3	Pg	12:38:07.341	-0.5	T__	75.1	---	ML	2.2	5561707	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.54	261.3	Lg	12:38:30.187	0.4	T__		---			5561708	FDSN	HU	--	BUD	iLoc	HHE	???	_

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
KOVH 1.76 221.3 Pn 12:38:06.978 0.2 T__ 58.2 ___ ML 2.2 5561709 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.76 221.3 Pg 12:38:11.409 -0.8 T__ ___ 5561710 FDSN HU -- BUD iLoc HHZ ??? _
KOVH 1.76 221.3 Lg 12:38:35.433 -0.8 T__ ___ 5561711 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MODS 1.93 300.4 Sn 12:38:35.810 1.5 T__ ___ 5561712 FDSN SK -- BUD iLoc HHE ??? _
TRPA 2.00 68.3 Pg 12:38:16.033 -0.7 T__ ___ ML 2.4 5561713 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
DRGR 2.11 106.4 Pn 12:38:12.152 0.2 T__ ___ ML 2.2 5561714 FDSN RO -- BUD iLoc HHN HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BZS 2.21 144.1 Pn 12:38:13.746 0.5 T__ ___ ML 2.3 5561715 FDSN RO -- BUD iLoc HHN HHZ _
BZS 2.21 144.1 Lg 12:38:48.949 -0.3 T__ ___ 5561716 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
2020/10/11 06:26:41.82 0.95 1.23 47.4359 19.8123 9.1 4.0 113 8.6 12.3 14 10 144 0.16 1.46 ke BUD 16002436 BUD 165

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Magnitude Err Nsta Author OrigID
ML 1.6 0.0 4 BUD 16002436

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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
HU01A 0.16 235.1 Pg 06:26:45.671 -0.1 T__ 823.2 ___ ML 1.7 5561789 FDSN ZJ 00 BUD iLoc HHE HHZ _
HU01A 0.16 235.1 Lg 06:26:48.982 0.2 T__ ___ 5561790 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU23A 0.36 55.4 Lg 06:26:56.751 1.5 T__ ___ 5561791 FDSN ZJ 00 BUD iLoc HHE ??? _
PSZ 0.49 6.5 Pg 06:26:51.663 -0.7 T__ 96.3 ___ ML 1.6 5561785 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.49 6.5 Lg 06:26:59.452 -0.5 T__ ___ 5561786 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.49 343.0 Lg 06:27:00.626 1.1 T__ ___ 5561792 FDSN ZJ 00 BUD iLoc HHE ??? _
HU04A 0.66 200.2 Lg 06:27:05.263 -0.5 T__ ___ 5561793 FDSN ZJ 00 BUD iLoc HHZ ??? _
HU02A 0.84 34.7 Pn 06:26:57.795 -0.6 T__ 34.1 ___ ML 1.5 5561794 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.84 34.7 Lg 06:27:10.261 -1.0 T__ ___ 5561795 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A272A 0.90 220.2 Sn 06:27:11.762 -0.9 T__ ___ 5561796 FDSN Z3 00 BUD iLoc HHZ ??? _
KECS 1.14 23.1 Sn 06:27:19.931 1.2 T__ ___ 5561797 FDSN SK -- BUD iLoc EHE ??? _
JOS 1.17 24.5 Pn 06:27:04.002 1.1 T__ 31.3 ___ ML 1.6 5561787 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.17 24.5 Sn 06:27:19.637 0.4 T__ ___ 5561788 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 1.46 213.7 Sn 06:27:28.477 2.3 T__ ___ 5561798 FDSN HU -- BUD iLoc 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

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2020/10/11 14:27:28.92 2.25 0.15 45.9705 17.7912 16.6 6.8 177 13.7 18.5 7 4 136 0.06 0.64 ke BUD 16002440 BUD 258

Magnitude Err Nsta Author OrigID
ML 1.3 0.0 3 BUD 16002440

Sta	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	0.06	162.2	Pg	14:27:31.680	-0.1					T__		785.4		---	ML	1.4 5561938	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.06	162.2	Lg	14:27:34.021	0.2					T__				---		5561941	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
KOVH	0.25	61.2	Pg	14:27:34.528	-0.0					T__		44.0		---	ML	0.6 5561939	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.25	61.2	Lg	14:27:38.447	-0.1					T__				---		5561940	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1)																								
A264A	0.40	298.6	Lg	14:27:42.863	0.0					T__				---		5561944	FDSN	Z3	00	BUD	iLoc	HHE	???	_
MORH	0.64	67.3	Pg	14:27:41.657	0.0					T__		30.4		---	ML	1.3 5561942	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.64	67.3	Lg	14:27:51.027	-0.1					T__				---		5561943	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
2020/10/12 03:28:47.29 1.69 0.54 48.0448 20.8528 12.0 4.6 171 3.0f 7 4 243 0.23 0.50 ke BUD 16002442 BUD 314

Magnitude Err Nsta Author OrigID
ML 0.8 0.7 3 BUD 16002442

Sta	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	289.5	Pg	03:28:52.542	0.1					T__		20.2		---	ML	0.3 5561967	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.23	289.5	Lg	03:28:56.126	-0.3					T__				---		5561968	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 0.3 magdef=1 Station ML: 0.3 magdef=1)																								
ABAH	0.36	45.7	Pg	03:28:54.839	0.3					T__		30.4		---	ML	0.8 5561972	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.36	45.7	Lg	03:28:59.762	-0.9					T__				---		5561973	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																								
JOS	0.50	335.2	Pg	03:28:57.497	0.3					T__		40.6		---	ML	1.3 5561969	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	335.2	Lg	03:29:04.322	-0.4					T__				---		5561970	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
KECS	0.50	330.9	Lg	03:29:04.989	0.1					T__				---		5561971	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
2020/10/12 06:09:43.49 2.05 0.43 47.9740 20.3578 23.7 6.6 147 0.0f 4 3 222 0.19 0.54 sx BUD 16002444 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
HU02A	0.19	37.0	Pg	06:09:47.992	0.1					T__		99.5		---	ML	0.8 5561992	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.19	37.0	Lg	06:09:51.122	-0.4					T__				---		5561993	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
PSZ	0.32	260.0	Lg	06:09:56.037	-0.1					T__				---		5561994	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		
JOS	06:10:02.638	0.0															5561991	FDSN ZJ	-- BUD	iLoc	HHN ???	_		
2020/10/12	07:49:43.13	0.91	0.78	48.4820	17.3969	7.5	3.0	134	0.0f	10	5	143	0.13	1.17	sx	BUD	16002446	BUD			206			
Magnitude	Err	Nsta	Author	OrigID																				
ML	1.5	0.4	4	BUD	16002446																			
Sta	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	0.13	216.3	Pg	07:49:45.798	-0.7					T__						5562072	FDSN	SK	--	BUD	iLoc	HHZ ???	_	
MODS	0.13	216.3	Lg	07:49:49.929	0.6					T__						5562073	FDSN	SK	--	BUD	iLoc	HHE ???	_	
ZST	0.35	214.6	Pg	07:49:50.035	-0.5					T__	29620.9					5562074	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_	
ZST	0.35	214.6	Lg	07:49:56.203	-0.0					T__						5562079	FDSN	SK	--	BUD	iLoc	HHN ???	_	
				(Reading ML: 3.7 magdef=1)																				
				(Station ML: 3.7 magdef=1)																				
JAVC	0.42	25.6	Pg	07:49:51.668	-0.4					T__		54.3			ML	1.2	5562077	FDSN	CZ	--	BUD	iLoc	HHZ HHZ	_
JAVC	0.42	25.6	Lg	07:49:59.002	0.0					T__						5562075	FDSN	CZ	--	BUD	iLoc	HHE ???	_	
				(Reading ML: 1.2 magdef=1)																				
				(Station ML: 1.2 magdef=1)																				
VYHS	0.96	88.7	Pg	07:50:02.329	-0.1					T__		14.9			ML	1.2	5562076	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_
VYHS	0.96	88.7	Lg	07:50:16.939	0.6					T__						5562078	FDSN	SK	--	BUD	iLoc	HHE ???	_	
				(Reading ML: 1.2 magdef=1)																				
				(Station ML: 1.2 magdef=1)																				
CONA	1.17	242.2	Pg	07:50:05.951	-0.2					T__		39.9			ML	1.7	5562080	FDSN	OE	--	BUD	iLoc	HHZ HHZ	_
CONA	1.17	242.2	Lg	07:50:22.843	1.7					T__						5562081	FDSN	OE	--	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		
2020/10/12	08:08:03.25	3.73	0.31	48.5776	20.8101	21.6	9.6	40	0.0f	6	3	316	0.20	0.49	sx	BUD	16002448	BUD			359			
Magnitude	Err	Nsta	Author	OrigID																				
ML	1.1	0.5	3	BUD	16002448																			
Sta	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	245.6	Pg	08:08:07.654	0.3					T__		66.0			ML	0.7	5562108	FDSN	ZJ	--	BUD	iLoc	HHZ HHZ	_
JOS	0.20	245.6	Lg	08:08:10.922	0.3					T__						5562109	FDSN	ZJ	--	BUD	iLoc	HHE ???	_	
				(Reading ML: 0.7 magdef=1)																				
				(Station ML: 0.7 magdef=1)																				
KECS	0.24	246.5	Pg	08:08:07.942	-0.2					T__		269.4			ML	1.4	5562110	FDSN	SK	--	BUD	iLoc	EHE EHZ	_
KECS	0.24	246.5	Lg	08:08:11.665	-0.3					T__						5562111	FDSN	SK	--	BUD	iLoc	EHN ???	_	
				(Reading ML: 1.4 magdef=1)																				
				(Station ML: 1.4 magdef=1)																				
HU02A	0.49	202.8	Pg	08:08:13.721	0.0					T__		25.5			ML	1.1	5562113	FDSN	ZJ	00	BUD	iLoc	HHZ HHZ	_
HU02A	0.49	202.8	Lg	08:08:21.534	-0.1					T__						5562112	FDSN	ZJ	00	BUD	iLoc	HHZ ???	_	
				(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		

2020/10/12 08:11:48.46 1.02 0.85 48.3681 19.0447 8.3 3.4 27 0.0f 9 6 170 0.19 1.04 sx BUD 16002450 BUD 216

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD 16002450

Sta	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	312.3	Pg	08:11:52.589	0.1					T__		66.9		---	ML	0.6 5562141	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.19	312.3	Lg	08:11:55.600	-0.0					T__				---		5562142	FDSN	SK	--	BUD	iLoc	HHN	???	_
				(Reading ML: 0.6 magdef=1)								(Station ML: 0.6 magdef=1)												
PSZ	0.73	128.0	Pg	08:12:04.403	0.5					T__		42.4		---	ML	1.5 5562146	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.73	128.0	Lg	08:12:15.034	0.0					T__				---		5562144	FDSN	GE	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.5 magdef=1)								(Station ML: 1.5 magdef=1)												
LANS	0.83	19.5	Pg	08:12:05.774	0.9					T__		33.7		---	ML	1.5 5562147	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
				(Reading ML: 1.5 magdef=1)								(Station ML: 1.5 magdef=1)												
KECS	0.97	82.6	Lg	08:12:20.568	-1.5					T__				---		5562145	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	1.00	82.1	Pg	08:12:08.566	0.2					T__		25.1		---	ML	1.5 5562139	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.00	82.1	Lg	08:12:22.624	-0.8					T__				---		5562140	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
				(Reading ML: 1.5 magdef=1)								(Station ML: 1.5 magdef=1)												
JAVC	1.04	298.8	Lg	08:12:24.733	-0.6					T__				---		5562143	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
2020/10/12 08:35:45.30 1.08 0.82 48.7434 21.4289 9.2 4.6 156 0.0f 9 6 153 0.59 1.36 sx BUD 16002452 BUD 271

Magnitude Err Nsta Author OrigID
ML 1.8 0.6 4 BUD 16002452

Sta	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	70.9	Pg	08:35:56.662	-0.0					T__		8112.3		---	ML	3.7 5562181	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 3.7 magdef=1)								(Station ML: 3.7 magdef=1)												
JOS	0.64	247.6	Pg	08:35:56.942	-1.1					T__		24.0		---	ML	1.2 5562175	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.64	247.6	Lg	08:36:07.101	-0.6					T__				---		5562176	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.2 magdef=1)								(Station ML: 1.2 magdef=1)												
KECS	0.68	247.8	Pg	08:35:59.842	1.0					T__		135.7		---	ML	2.0 5562179	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.68	247.8	Lg	08:36:08.205	-0.8					T__				---		5562178	FDSN	SK	--	BUD	iLoc	EHN	???	_
				(Reading ML: 2.0 magdef=1)								(Station ML: 2.0 magdef=1)												
HU02A	0.87	224.4	Pg	08:36:03.751	0.6					T__		33.8		---	ML	1.5 5562177	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.87	224.4	Lg	08:36:16.572	0.2					T__				---		5562183	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 1.5 magdef=1)								(Station ML: 1.5 magdef=1)												
NIE	1.00	312.7	Lg	08:36:18.739	0.3					T__				---		5562180	FDSN	PL	--	BUD	iLoc	BHE	???	_
LANS	1.36	288.2	Lg	08:36:31.004	0.6					T__				---		5562182	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

2020/10/12 09:31:42.75 1.14 0.60 47.9796 19.0075 14.3 5.5 129 0.0 0.0 6 0 245 0.13 1.15 kx BUD 16002454 BUD
 2020/10/12 09:31:42.38 0.98 1.02 47.8355 19.1270f 0.0f 6 4 197 0.07 1.15 kx BUD_GT 16002455 BUD 333
 (locality : Sejce-Vác Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.6 0.0 3 BUD 16002455

Sta	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	09:31:44.950	0.6					T__		1235.2		---	ML	1.6 5562209	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:31:47.048	0.8					T__				---		5562210	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
PSZ	0.52	80.6	Pg	09:31:53.287	-0.5					T__		41.6		---	ML	1.4 5562211	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	09:32:01.851	-0.3					T__				---		5562207	FDSN	GE	--	iLoc	BUD	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU02A	0.98	72.5	Lg	09:32:16.261	-1.9					T__				---		5562212	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_
JOS	1.15	54.5	Pn	09:32:05.027	0.3					T__		30.5		---	ML	1.6 5562208	FDSN	ZJ	--	iLoc	BUD	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
2020/10/12	11:32:42.36	0.41	0.75	48.0025	19.6174	5.1	4.6	26	0.0	0.0	8	0	126	0.10	0.79		kx BUD	16002456	BUD			
2020/10/12	11:32:40.95	0.94	1.01	48.0061	19.6278f					0.0f	8	5	122	0.10	0.78		kx BUD_GT	16002457	BUD			220
(locality : Nagylóc Hungary) (description : known quarry blast) (GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID
 ML 1.4 0.2 4 BUD 16002457

Sta	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	11:32:44.498	0.9					T__		1020.0		---	ML	1.6 5562239	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	11:32:45.412	-0.3					T__				---		5562240	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
PSZ	0.20	116.0	Pg	11:32:46.227	0.5					T__		446.6		---	ML	1.5 5562237	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	11:32:47.371	-2.3					T__				---		5562238	FDSN	GE	--	iLoc	BUD	HHE	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
HU02A	0.61	78.7	Pg	11:32:53.959	0.1					T__		28.3		---	ML	1.3 5562241	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.61	78.7	Lg	11:33:03.782	0.1					T__				---		5562243	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
VYHS	0.72	313.0	Lg	11:33:05.377	-0.9					T__				---		5562244	FDSN	SK	--	iLoc	BUD	HHN	???	_
JOS	0.78	50.9	Pg	11:32:56.865	0.3					T__		25.9		---	ML	1.3 5562242	FDSN	ZJ	--	iLoc	BUD	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
2020/10/13	03:49:59.70	1.11	1.01	45.7757	16.8937	9.5	4.2	172	6.3	11.6	19	10	104	0.64	1.30	ke	BUD	16002458	BUD			196

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	10 BUD	16002458

Sta	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	0.64	274.9	Pg	03:50:12.362	0.2					T__		640.6		___	ML	2.7	5562288	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.64	274.9	Lg	03:50:21.963	1.0					T__				---		5562289	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
A273A	0.66	77.4	Pg	03:50:12.862	-0.1					T__		229.9		___	ML	2.2	5562294	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.66	77.4	Lg	03:50:23.090	1.5					T__				---		5562295	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
PTJ	0.66	281.8	Pg	03:50:12.309	-0.6					T__		92.2		___	ML	1.8	5562296	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.66	281.8	Lg	03:50:21.225	-1.2					T__				---		5562297	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BEHE	0.70	353.3	Pg	03:50:13.880	0.2					T__		296.7		___	ML	2.4	5562298	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.70	353.3	Sn	03:50:24.696	-1.7					T__				---		5562299	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
KOGS	0.81	326.6	Pg	03:50:15.804	0.3					T__		69.7		___	ML	1.8	5562290	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.81	326.6	Sn	03:50:27.371	-1.5					T__				---		5562291	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
KOVH	0.90	69.2	Pg	03:50:16.635	-0.7					T__		115.1		___	ML	2.1	5562300	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.90	69.2	Lg	03:50:28.388	-0.8					T__				---		5562301	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A265A	0.90	43.7	Pg	03:50:17.008	-0.4					T__		244.8		___	ML	2.4	5562302	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.90	43.7	Lg	03:50:29.628	0.3					T__				---		5562303	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
CRES	1.01	273.4	Pg	03:50:19.114	0.4					T__		68.6		___	ML	1.9	5562292	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.01	273.4	Lg	03:50:33.147	-0.6					T__				---		5562293	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
BLY	1.05	168.6	Pn	03:50:20.897	0.7					T__		94.9		___	ML	2.1	5562304	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.05	168.6	Sn	03:50:36.625	1.5					T__				---		5562305	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MORH	1.30	69.6	Pn	03:50:23.220	0.2					T__		34.0		___	ML	1.8	5562306	FDSN	HU	--	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
2020/10/13	10:00:08.53	1.09	0.27	48.1846	16.9408	13.3	4.9	159	4.0	21.1	9	6	151	0.11	1.30	sx	BUD	16002460	BUD			171

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	
ZST	0.11	83.9	Pg	10:00:11.107	0.0					T__		34318.7		---	ML	3.1	5562392	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.11	83.9	Lg	10:00:13.237	0.0					T__				---			5562393	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.29	49.8	Pg	10:00:14.868	0.1					T__				---			5562390	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.29	49.8	Lg	10:00:19.359	-0.2					T__				---			5562391	FDSN	SK	--	BUD	iLoc	HHE	???	_
CONA	0.77	250.9	Lg	10:00:34.017	0.1					T__				---			5562398	FDSN	OE	--	BUD	iLoc	HHE	???	_
A338A	0.96	99.6	Sn	10:00:42.984	0.3					T__				---			5562394	FDSN	Z3	00	BUD	iLoc	HH3	???	_
A013A	1.04	263.8	Lg	10:00:41.607	-0.3					T__				---			5562395	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
VYHS	1.30	75.5	Pn	10:00:32.471	-0.3					T__		11.9		---	ML	1.3	5562397	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	75.5	Sn	10:00:51.315	-0.2					T__				---			5562396	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	
2020/10/13	10:10:34.28	2.12	0.97	48.3599	21.8178	26.8	6.5	150	0.0f		9	5	227	0.39	0.90	sx	BUD	16002462	BUD			335	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	16002462

Sta	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	0.39	260.8	Pn	10:10:46.255	-0.9					T__		69.6		---	ML	1.2	5562433	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	260.8	Lg	10:10:50.926	1.7					T__				---			5562425	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
KOLS	0.65	27.6	Pg	10:10:47.343	0.5					T__		15819.0		---	ML	4.1	5562431	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.65	27.6	Lg	10:10:56.575	-0.9					T__				---			5562432	FDSN	SK	--	BUD	iLoc	HHN	???	_
				(Reading ML: 4.1 magdef=1)																					
				(Station ML: 4.1 magdef=1)																					
JOS	0.86	279.6	Pn	10:10:52.313	-0.1					T__		29.1		---	ML	1.4	5562428	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.86	279.6	Lg	10:11:03.892	-0.4					T__				---			5562429	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
KECS	0.90	278.4	Lg	10:11:04.786	-0.7					T__				---			5562430	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU02A	0.90	255.1	Pn	10:10:53.451	0.4					T__		32.8		---	ML	1.5	5562426	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.90	255.1	Lg	10:11:06.653	0.1					T__				---			5562427	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		
2020/10/13	10:24:30.86	3.96	2.02	48.5000	21.5912	23.9	13.8	91	0.0f		6	4	284	0.70	1.25	sx	BUD	16002464	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	
JOS	0.70	270.0	Pg	10:24:45.740	1.0					T__		52.5		---	ML	1.6	5562456	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.70	270.0	Lg	10:24:56.392	1.1					T__				---			5562457	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
KECS	0.74	269.1	Lg	10:24:55.603	-1.0					T__				---			5562458	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU02A	0.81	242.4	Pg	10:24:47.266	-0.2					T__		52.6		---	ML	1.7	5562459	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.81	242.4	Lg	10:24:58.680	-1.3					T__				---			5562460	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
NIE	1.25	317.7	Lg	10:25:10.224	-2.7					T__				---			5562461	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
2020/10/13	11:10:56.76	0.99	1.65	46.1204	22.4951	5.7	4.6	133	0.0f	10	6	87	0.60	1.12	sx	BUD	16002466	BUD			141	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 BUD	16002466

Sta	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	0.60	284.5	Pg	11:11:08.867	-0.3					T__		59.9		___	ML	1.6	5562491	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.60	284.5	Lg	11:11:17.454	-1.1					T__				---		5562492	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
DRGR	0.69	12.5	Pg	11:11:09.599	-1.1					T__		36.9		___	ML	1.4	5562487	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.69	12.5	Lg	11:11:24.459	2.6					T__				---		5562488	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
GZR	0.75	164.7	Pg	11:11:10.635	-0.6					T__		69.6		___	ML	1.8	5562496	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	0.79	230.9	Pg	11:11:12.203	-0.1					T__		32.3		___	ML	1.5	5562489	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.79	230.9	Lg	11:11:25.669	2.1					T__				---		5562490	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CJR	0.97	51.7	Pg	11:11:16.432	0.6					T__		138.1		___	ML	2.2	5562493	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	0.97	51.7	Lg	11:11:31.791	1.1					T__				---		5562494	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
LOT	1.12	126.6	Lg	11:11:32.521	-1.8					T__				---		5562495	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
2020/10/13	16:10:47.68	3.05	1.18	48.3871	19.6545	20.6	6.1	121	10.0f	8	5	278	0.50	1.06	ke	BUD	16002468	BUD			325	

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	4 BUD	16002468

Sta	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	161.0	Pg	16:10:59.082	0.7					T__		28.6		___	ML	1.1	5562531	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.50	161.0	Lg	16:11:05.260	-0.8					T__				---		5562528	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.56	79.8	Lg	16:11:08.600	1.4					T__				---		5562525	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.60	79.2	Pg	16:10:58.527	-1.0					T__		26.0		___	ML	1.2	5562526	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	79.2	Lg	16:11:09.468	1.1					T__				---		5562527	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.64	114.2	Pg	16:10:59.921	-1.0					T__		21.9		___	ML	1.2	5562529	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.64	114.2	Lg	16:11:10.651	0.2					T__				---		5562530	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	1.06	94.3	Pg	16:11:07.956	-0.6					T__		35.3		___	ML	1.6	5562532	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
2020/10/14	08:14:01.79	0.32	1.50	47.5522	18.4876	4.8	2.9	130	0.0	0.0	11	0	106	0.11	1.34	kx	BUD	16002470	BUD			
2020/10/14	08:13:59.94	0.90	1.28	47.5600	18.4573f				0.0f		11	8	105	0.09	1.35	kx	BUD_GT	16002471	BUD			145

(locality : Tatabánya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	3 BUD	16002471

Sta	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	08:14:02.536	0.2					T__		2778.5		___	ML	2.0	5562583	FDSN	ZJ	00	iLoc	BUD	HHN	HHZ	_
HU09A	0.09	327.2	Lg	08:14:03.518	-1.2					T__				___		5562584	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
CSKK	0.24	214.2	Pg	08:14:04.824	-0.4					T__		258.0		___	ML	1.4	5562585	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	08:14:09.608	-0.2					T__				___		5562586	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
HU08A	0.38	250.6	Lg	08:14:16.242	1.6					T__				___		5562587	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
HU10A	0.47	52.8	Lg	08:14:17.748	-0.2					T__				___		5562588	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
MPLH	0.74	238.3	Lg	08:14:28.064	2.2					T__				___		5562589	FDSN	HU	--	iLoc	BUD	HHE	???	_	
VYHS	0.97	15.1	Pg	08:14:20.095	0.5					T__		13.5		___	ML	1.2	5562590	FDSN	SK	--	iLoc	BUD	HHZ	HHZ	_
VYHS	0.97	15.1	Lg	08:14:32.930	-0.9					T__				___		5562591	FDSN	SK	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
PSZ	1.03	69.2	Lg	08:14:36.112	-1.2					T__				___		5562592	FDSN	GE	--	iLoc	BUD	HHE	???	_	
MORH	1.35	174.5	Sn	08:14:42.227	-2.2					T__				___		5562593	FDSN	HU	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/14	08:16:24.19	1.26	0.81	48.8891	20.7084	9.2	5.9	79	0.0f		10	6	175	0.41	1.11	sx	BUD	16002472	BUD			299

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	16002472

Sta	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	195.9	Pg	08:16:32.776	0.4					T__		79.1		___	ML	1.3	5562620	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.41	195.9	Lg	08:16:38.990	0.3					T__				___		5562621	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
KECS	0.43	200.1	Pg	08:16:32.974	0.1					T__		104.7		___	ML	1.5	5562622	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.43	200.1	Lg	08:16:39.325	-0.2					T__				___		5562623	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
NIE	0.59	333.3	Lg	08:16:43.573	-0.4					T__				___		5562628	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ABAH	0.69	149.1	Pg	08:16:38.365	0.4					T__		54.5		___	ML	1.6	5562625	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.69	149.1	Lg	08:16:48.274	-1.1					T__				___		5562624	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
HU02A	0.78	189.1	Pg	08:16:40.479	0.3					T__		33.6		___	ML	1.5	5562626	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

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HU02A  0.78 189.1 Lg      08:16:51.275  -1.0          T__          ---          5562627      FDSN  ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
PSZ    1.11 209.5 Sn      08:17:02.360  -1.4          T__          ---          5562629      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
2020/10/14 09:48:45.40  0.94  1.29 48.5299  17.4637  7.2   3.3 133  0.0f    7    4 141  0.20  1.23  sx BUD      16002474  BUD                210

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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 0.20 218.5 Pg      09:48:49.580  -0.4          T__          ---          5562694      FDSN  SK      -- BUD  iLoc  HHZ ??? _
MODS 0.20 218.5 Lg      09:48:53.091  -0.7          T__          ---          5562695      FDSN  SK      -- BUD  iLoc  HHN ??? _
JAVC 0.36  22.5 Pg      09:48:52.986  -0.1          T__          ---          87.8          --- ML    1.2 5562696  FDSN  CZ      -- BUD  iLoc  HHZ HHZ _
JAVC 0.36  22.5 Lg      09:48:58.457  -0.7          T__          ---          5562697      FDSN  CZ      -- BUD  iLoc  HHZ ??? _
VYHS 0.91  91.7 Pg      09:49:03.588  -0.3          T__          ---          17.9          --- ML    1.3 5562698  FDSN  SK      -- BUD  iLoc  HHZ HHZ _
VYHS 0.91  91.7 Lg      09:49:17.975   0.9          T__          ---          5562699      FDSN  SK      -- BUD  iLoc  HHN ??? _
CONA 1.23 241.3 Lg      09:49:27.611  2.2          T__          ---          5562700      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
2020/10/14 14:35:29.99  1.56  1.06 48.1648  21.3121 10.7   6.8 152 12.0f    8    5 173  0.14  0.82  ke BUD      16002476  BUD                285

```

Magnitude Err Nsta Author OrigID

ML 1.1 0.1 3 BUD 16002476

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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 0.14 339.8 Pg      14:35:33.863   0.2          T__          ---          102.3          --- ML    0.7 5562723  FDSN  HU      -- BUD  iLoc  HHZ HHZ _
ABAH 0.14 339.8 Lg      14:35:35.284  -1.4          T__          ---          5562724      FDSN  HU      -- BUD  iLoc  HHE ??? _
(Reading ML:  0.7 magdef=1
(Station ML:  0.7 magdef=1
HU02A 0.53 265.7 Pg      14:35:40.379  -0.7          T__          ---          25.5          --- ML    1.2 5562728  FDSN  ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 0.53 265.7 Lg      14:35:50.689   1.5          T__          ---          5562729      FDSN  ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=1
JOS   0.61 303.0 Pg      14:35:42.980   0.7          T__          ---          18.5          --- ML    1.1 5562725  FDSN  ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.61 303.0 Lg      14:35:50.860  -0.2          T__          ---          5562726      FDSN  ZJ      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=1
KECS  0.64 300.3 Lg      14:35:51.850  -0.0          T__          ---          5562727      FDSN  SK      -- BUD  iLoc  EHN ??? _
TRPA  0.82  91.9 Lg      14:35:58.503   0.5          T__          ---          5562730      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
2020/10/15 08:46:55.20  0.56  0.89 46.1152  18.3489  6.5   3.7 161  0.0  0.0  9  0 197  0.18  1.25  kx BUD      16002480  BUD                237
2020/10/15 08:46:53.72  0.96  0.92 46.1765  18.2926f 0.0f    9  7 155  0.16  1.19  kx BUD_GT  16002481  BUD                237

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(locality : Komló Hungary)
(description : known quarry blast)
(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	08:46:57.275	-0.3					T__		578.5		___	ML	1.5	5080110	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:46:59.951	-0.7					T__				---		5080111	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
MORH	0.25	80.9	Pg	08:46:59.162	-0.1					T__		171.5		___	ML	1.2	5080112	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:47:03.166	-0.5					T__				---		5080113	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
A266A	0.35	356.8	Lg	08:47:07.649	0.5					T__				---		5080114	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A265A	0.42	305.9	Lg	08:47:11.116	1.9					T__				---		5080115	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A264A	0.70	269.0	Sn	08:47:20.537	-1.2					T__				---		5080116	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	1.12	332.7	Lg	08:47:33.631	0.8					T__				---		5080118	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CSKK	1.19	358.9	Sn	08:47:34.578	0.3					T__				---		5080117	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
2020/10/15	08:52:23.54	1.46	0.63	48.5734	20.7985	10.3	3.9	3	0.0f		12	7	161	0.19	1.31	sx	BUD	16002482	BUD		225	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	16002482

Sta	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	245.8	Pg	08:52:27.465	-0.0					T__		295.7		___	ML	1.3	5562837	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	245.8	Lg	08:52:31.272	0.6					T__				---		5562838	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.23	246.7	Pg	08:52:27.922	-0.4					T__		859.7		___	ML	1.9	5562835	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.23	246.7	Lg	08:52:32.205	0.2					T__				---		5562836	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
ABAH	0.40	133.2	Pg	08:52:32.035	0.2					T__		86.5		___	ML	1.4	5562841	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	133.2	Lg	08:52:38.212	-0.7					T__				---		5562842	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.49	202.1	Pg	08:52:34.263	0.4					T__		37.0		___	ML	1.2	5562839	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	202.1	Lg	08:52:40.799	-0.9					T__				---		5562840	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
PSZ	0.89	223.0	Pg	08:52:43.237	0.9					T__		54.7		___	ML	1.7	5562845	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.89	223.0	Lg	08:52:55.085	-0.6					T__				---		5562844	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KOLS	1.04	69.2	Lg	08:52:59.594	0.1					T__				---		5562843	FDSN	SK	--	BUD	iLoc	HHE	???	_	
VYHS	1.31	267.2	Sn	08:53:07.143	-0.6					T__				---		5562846	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
2020/10/15	09:02:24.99	1.01	1.26	48.7586	19.8131	8.7	4.2	50	0.0f		11	6	153	0.45	1.06	sx	BUD	16002484	BUD		299	

Magnitude	Err	Nsta	Author	OrigID

ML 1.5 0.1 6 BUD 16002484

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
LANS	0.45	330.0	Pg	09:02:34.147	0.1					T__		74.8		---	ML	1.4 5562888	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
KECS	0.52	121.4	Pg	09:02:35.802	0.3					T__		124.2		---	ML	1.9 5562880	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.52	121.4	Lg	09:02:42.019	-1.4					T__				---		5562881	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																								
JOS	0.55	118.4	Pg	09:02:36.105	0.2					T__		42.7		---	ML	1.4 5562882	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	118.4	Lg	09:02:43.301	-1.0					T__				---		5562883	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU02A	0.79	143.1	Pg	09:02:41.730	0.4					T__		30.8		---	ML	1.4 5562884	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.79	143.1	Lg	09:02:54.249	0.6					T__				---		5562885	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																								
PSZ	0.84	176.3	Pg	09:02:43.669	0.9					T__		41.9		---	ML	1.6 5562886	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.84	176.3	Lg	09:02:53.696	-1.7					T__				---		5562887	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
ABAH	1.06	115.5	Pn	09:02:47.849	1.9					T__		53.7		---	ML	1.8 5562889	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.06	115.5	Lg	09:03:02.597	1.2					T__				---		5562890	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
2020/10/15	09:12:15.37	1.78	0.55	48.5656	20.8155	13.2	4.1	9	0.0f		9	5	244	0.20	0.89	sx	BUD	16002486	BUD		314	

Magnitude	Err	Nsta	Author	OrigID
ML	1.2 0.1	4	BUD	16002486

Sta	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	249.3	Pg	09:12:19.430	-0.1					T__		253.9		---	ML	1.3 5562922	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	249.3	Lg	09:12:23.161	0.4					T__				---		5562923	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
KECS	0.23	249.5	Pg	09:12:19.834	-0.4					T__		456.0		---	ML	1.6 5562924	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.23	249.5	Lg	09:12:24.489	0.4					T__				---		5562925	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
ABAH	0.39	133.5	Pg	09:12:23.608	0.2					T__		46.8		---	ML	1.1 5562927	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
ABAH	0.39	133.5	Lg	09:12:29.572	-0.7					T__				---		5562926	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																								
HU02A	0.48	203.7	Pg	09:12:25.585	-0.0					T__		26.2		---	ML	1.1 5562928	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	203.7	Lg	09:12:32.936	-0.5					T__				---		5562929	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																								
PSZ	0.89	223.9	Lg	09:12:48.312	0.7					T__				---		5562930	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
2020/10/15	22:22:58.42	0.78	0.79	47.8490	16.2218	3.3	2.7	24	7.8	9.4	39	24	44	0.16	1.60	ke	BUD	16002488	BUD			83

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.4	16 BUD	16002488

Sta	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	0.16	45.9	Pg	22:23:02.709	0.7					T__		608.5		___	ML	1.5	5563066	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.16	45.9	Lg	22:23:06.915	2.3					T__				---		5563067	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
CONA	0.26	288.3	Pg	22:23:03.194	-0.7					T__		105.9		___	ML	1.0	5563101	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	288.3	Lg	22:23:07.739	0.1					T__				---		5563102	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0)																									
SOP	0.28	126.0	Pg	22:23:04.053	-0.3					T__		178.7		___	ML	1.3	5563068	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	126.0	Lg	22:23:07.859	-0.5					T__				---		5563069	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
A005B	0.52	358.8	Pg	22:23:09.496	0.8					T__		665.3		___	ML	2.6	5563070	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.52	358.8	Lg	22:23:16.840	0.7					T__				---		5563071	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=0)																									
A003A	0.57	98.8	Pg	22:23:09.915	0.0					T__		261.5		___	ML	2.2	5563074	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A003A	0.57	98.8	Lg	22:23:18.270	0.2					T__				---		5563075	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
A013A	0.59	291.7	Pg	22:23:09.681	-0.2					T__		257.2		___	ML	2.2	5563072	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	291.7	Lg	22:23:18.139	0.6					T__				---		5563073	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
A008A	0.65	323.9	Pg	22:23:10.727	-0.1					T__		309.0		___	ML	2.3	5563076	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.65	323.9	Lg	22:23:19.266	-0.4					T__				---		5563077	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0)																									
A260A	0.65	149.8	Lg	22:23:20.241	-0.1					T__				---		5563081	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
ZST	0.69	59.2	Lg	22:23:20.652	-1.7					T__				---		5563082	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	0.76	218.6	Pg	22:23:12.288	-1.0					T__		125.6		___	ML	2.0	5563103	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.76	218.6	Lg	22:23:22.796	-0.1					T__				---		5563104	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
A018A	0.78	262.6	Pg	22:23:13.145	-0.4					T__		55.8		___	ML	1.7	5563083	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.78	262.6	Lg	22:23:23.587	0.2					T__				---		5563084	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
EGYH	0.87	119.5	Pg	22:23:15.519	-0.1					T__		187.5		___	ML	2.3	5563078	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.87	119.5	Lg	22:23:28.866	0.9					T__				---		5563085	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																									
MODS	0.88	53.0	Pg	22:23:15.535	-0.5					T__				---		5563079	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.88	53.0	Lg	22:23:28.731	-0.6					T__				---		5563086	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
A006A	0.90	351.5	Lg	22:23:27.528	-1.5					T__				---		5563087	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

A001A	0.91	15.5	Pg	22:23:16.495	0.1	T__	82.4	---	ML	1.9	5563080	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.91	15.5	Lg	22:23:29.790	0.0	T__		---			5563088	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
A262A	1.01	168.0	Sn	22:23:33.388	1.2	T__		---			5563089	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MPLH	1.12	126.8	Pn	22:23:19.549	-0.0	T__	46.3	---	ML	1.8	5563090	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KRUC	1.22	5.4	Pn	22:23:20.841	-0.3	T__	52.4	---	ML	1.9	5563092	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.22	5.4	Sn	22:23:37.147	-0.7	T__		---			5563093	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
HU08A	1.22	109.3	Sn	22:23:39.064	1.1	T__		---			5563091	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
JAVC	1.40	43.2	Lg	22:23:45.964	0.2	T__		---			5563095	FDSN	CZ	--	BUD	iLoc	HHN	???	_
KOGS	1.40	179.2	Pg	22:23:25.986	0.9	T__	90.3	---	ML	2.2	5563094	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
VRAC	1.48	9.5	Pn	22:23:24.874	0.0	T__	10.3	---	ML	1.3	5563096	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.48	9.5	Sn	22:23:44.126	-0.2	T__		---			5563097	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
TREC	1.53	341.6	Pn	22:23:26.129	0.6	T__	108.1	---	ML	2.4	5563098	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.53	341.6	Sn	22:23:46.170	1.0	T__		---			5563099	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
CKRC	1.60	308.0	Sn	22:23:48.172	0.5	T__		---			5563100	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
2020/10/16	07:26:48.33	1.25	1.07	47.8816	20.4761	11.6	4.9	111	5.0f		6	4	193	0.24	0.62	ke	BUD	16002494	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	
HU02A	0.24	7.8	Pg	07:26:54.111	0.4					T__		75.6		---	ML	0.9	5563226	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.24	7.8	Lg	07:26:57.210	-0.7					T__				---		5563227	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TENKA	0.24	200.8	Lg	07:26:56.982	-0.6					T__				---		5563230	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	0.39	275.6	Lg	07:27:02.912	-0.3					T__				---		5563231	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
JOS	0.62	3.9	Pg	07:27:01.365	0.8					T__		24.6		---	ML	1.2	5563228	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.62	3.9	Lg	07:27:08.515	-1.3					T__				---		5563229	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
2020/10/16	08:11:32.87	0.29	1.20	47.9873	19.4265	5.0	2.4	153	0.0	0.0	16	0	92	0.31	1.25	kx	BUD	16002496	BUD			
2020/10/16	08:11:31.10	0.85	1.31	47.9151	19.4088f				0.0f		16	12	85	0.27	1.28	kx	BUD_GT	16002497	BUD			156

(locality : Szanda Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.8 0.4 5 BUD 16002497

Sta	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	0.27	255.2	Pg	08:11:37.208	0.2					T__		1211.1		---	ML	2.1	5563265	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.27	255.2	Lg	08:11:42.363	0.5					T__				---		5563268	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
PSZ	0.33	89.2	Pg	08:11:37.418	-1.1					T__		213.1		---	ML	1.5	5563263	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.33	89.2	Lg	08:11:42.494	-1.7					T__				---		5563267	FDSN	GE	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
BUD	0.50	211.2	Lg	08:11:52.856	2.7					T__				---		5563269	FDSN	HU	--	iLoc	BUD	HHN	???	_	
HU01A	0.59	165.9	Lg	08:11:53.182	0.1					T__				---		5563270	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
VYHS	0.69	326.7	Pg	08:11:46.584	1.3					T__		30.0		---	ML	1.4	5563264	FDSN	SK	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU09A	0.75	248.6	Lg	08:11:58.298	-0.1					T__				---		5563271	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
HU02A	0.78	74.1	Lg	08:11:58.652	-0.8					T__				---		5563272	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
A271A	0.85	207.3	Lg	08:12:04.390	2.3					T__				---		5563273	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
CSKK	0.95	235.0	Lg	08:12:04.789	-0.7					T__				---		5563274	FDSN	HU	--	iLoc	BUD	HHE	???	_	
JOS	0.95	52.0	Pg	08:11:49.793	-0.3					T__		58.3		---	ML	1.8	5563266	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.95	52.0	Lg	08:12:02.575	-1.8					T__				---		5563275	FDSN	ZJ	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU08A	1.11	244.8	Pn	08:11:52.482	-0.4					T__		126.3		---	ML	2.2	5563277	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU08A	1.11	244.8	Sn	08:12:10.524	0.4					T__				---		5563276	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
ABAH	1.28	72.1	Sn	08:12:12.515	-1.5					T__				---		5563278	FDSN	HU	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/16	08:46:07.62	1.24	0.82	48.5641	20.7806	6.9	5.4	15	0.0f		12	8	124	0.17	1.25	sx	BUD	16002498	BUD		181	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 BUD	16002498

Sta	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	247.0	Pg	08:46:11.435	0.1					T__		374.3		---	ML	1.4	5563345	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	247.0	Lg	08:46:14.958	0.7					T__				---		5563346	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.21	247.7	Pg	08:46:11.881	-0.2					T__		925.8		---	ML	1.9	5563347	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	247.7	Lg	08:46:15.997	0.4					T__				---		5563348	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
ABAH	0.41	131.1	Lg	08:46:23.111	0.1					T__				---		5563349	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.47	201.2	Pg	08:46:17.601	-0.1					T__		38.5		---	ML	1.2	5563350	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	201.2	Lg	08:46:24.505	-0.8					T__				---		5563351	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
PSZ	0.88	222.8	Pg	08:46:26.583	0.5					T__		51.4		---	ML	1.7	5563353	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	222.8	Lg	08:46:38.865	-0.4					T__				---		5563352	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

LANS 1.05 304.6 Pg 08:46:27.676 -0.6 T__ 31.0 ___ ML 1.6 5563354 FDSN SK -- BUD iLoc EHZ EHZ _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 KOLS 1.05 68.9 Lg 08:46:45.840 1.8 T__ ___ 5563355 FDSN SK -- BUD iLoc HHE ??? _
 TRPA 1.25 109.6 Sn 08:46:49.413 -0.8 T__ ___ 5563356 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
 2020/10/16 09:40:36.62 1.07 0.84 48.9833 19.8211 17.5 3.7 44 0.0f 8 5 189 0.29 1.07 sx BUD 16002500 BUD 318

Magnitude Err Nsta Author OrigID
 ML 1.3 0.1 3 BUD 16002500

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
 LANS 0.29 305.9 Pg 09:40:42.483 0.1 T__ 113.3 ___ ML 1.2 5563386 FDSN SK -- BUD iLoc EHZ EHZ _
 LANS 0.29 305.9 Lg 09:40:46.376 -0.0 T__ ___ 5563387 FDSN SK -- BUD iLoc EHE ??? _
 (Reading ML: 1.2 magdef=1
 (Station ML: 1.2 magdef=1
 KECS 0.67 138.4 Lg 09:40:59.309 -0.5 T__ ___ 5563388 FDSN SK -- BUD iLoc EHE ??? _
 JOS 0.68 135.5 Pg 09:40:50.735 0.6 T__ 24.1 ___ ML 1.3 5563384 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 0.68 135.5 Lg 09:41:00.013 -0.3 T__ ___ 5563385 FDSN ZJ -- BUD iLoc HHE ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 HU02A 0.98 151.2 Pn 09:40:55.871 -0.9 T__ 18.4 ___ ML 1.3 5563390 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU02A 0.98 151.2 Lg 09:41:09.432 -1.4 T__ ___ 5563389 FDSN ZJ 00 BUD iLoc HHE ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 PSZ 1.07 177.3 Lg 09:41:14.959 0.3 T__ ___ 5563391 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
 2020/10/16 11:34:28.29 1.68 0.29 48.7255 21.1686 11.6 6.0 6 0.0f 6 4 191 0.43 0.76 sx BUD 16002502 BUD 291

Magnitude Err Nsta Author OrigID
 ML 1.2 0.1 2 BUD 16002502

Sta 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 0.43 173.7 Pg 11:34:37.277 0.2 T__ 56.1 ___ ML 1.3 5563417 FDSN HU -- BUD iLoc HHZ HHZ _
 ABAH 0.43 173.7 Lg 11:34:44.135 -0.4 T__ ___ 5563416 FDSN HU -- BUD iLoc HHN ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 JOS 0.48 241.4 Pg 11:34:37.850 0.0 T__ 35.9 ___ ML 1.2 5563412 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 0.48 241.4 Lg 11:34:45.122 0.0 T__ ___ 5563413 FDSN ZJ -- BUD iLoc HHZ ??? _
 (Reading ML: 1.2 magdef=1
 (Station ML: 1.2 magdef=1
 KECS 0.51 242.1 Lg 11:34:46.411 -0.0 T__ ___ 5563414 FDSN SK -- BUD iLoc EHE ??? _
 KOLS 0.76 73.7 Lg 11:34:54.903 -0.2 T__ ___ 5563415 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
 2020/10/16 12:00:40.11 1.35 0.60 45.5509 17.5889 16.5 7.5 126 0.0f 6 4 152 0.65 1.19 sx BUD 16002504 BUD 240

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 2 BUD 16002504

Sta	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	0.65	33.4	Pg	12:00:53.845	0.3					T__		72.1		---	ML	1.7	5563436	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.65	33.4	Lg	12:01:02.235	-0.7					T__				---		5563437	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BLY	0.85	199.8	Lg	12:01:07.281	-0.2					T__				---		5563441	FDSN	MN	--	BUD	iLoc	HHE	???	_	
MORH	0.99	47.6	Pn	12:00:59.454	-0.6					T__		42.7		---	ML	1.7	5563438	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.99	47.6	Lg	12:01:14.859	-0.1					T__				---		5563439	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PTJ	1.19	288.0	Lg	12:01:20.211	-0.2					T__				---		5563440	FDSN	CR	--	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
2020/10/17	17:21:44.55	1.82	1.76	48.0887	20.8689	15.6	6.9	161	10.0f		4	3	228	0.23	0.46	ke	BUD	16002506	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	
HU02A	0.23	278.4	Pg	17:21:50.540	0.6					T__		36.9		---	ML	0.5	5563471	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.23	278.4	Lg	17:21:52.711	-1.5					T__				---		5563472	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.32	49.9	Lg	17:21:55.989	-0.8					T__				---		5563473	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.46	331.7	Lg	17:22:00.804	-0.0					T__				---		5563474	FDSN	ZJ	--	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
2020/10/19	06:45:34.36	0.59	0.41	48.0254	20.8140	7.1	3.9	175	0.0	0.0	9	0	176	0.22	1.16	kx	BUD	16002510	BUD			
2020/10/19	06:45:34.52	0.96	2.38	48.0750	20.6990f				0.0f		9	6	167	0.13	1.23	kx	BUD_GT	16002511	BUD			205

(locality : Miskolc-Mexikóvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.2 0.2 3 BUD 16002511

Sta	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	06:45:37.800	0.1					T__		247.2		---	ML	1.0	5563610	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	06:45:40.451	0.0					T__				---		5563611	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ABAH	0.42	58.4	Lg	06:45:46.424	-4.3					T__				---		5563616	FDSN	HU	--	iLoc	BUD	HHN	???	_	
KECS	0.43	340.8	Pg	06:45:44.792	1.4					T__		94.2		---	ML	1.5	5563615	FDSN	SK	--	iLoc	BUD	EHN	EHZ	_
KECS	0.43	340.8	Lg	06:45:50.670	0.6					T__				---		5563614	FDSN	SK	--	iLoc	BUD	EHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.43	345.9	Pg	06:45:44.139	0.8					T__		44.6		---	ML	1.2	5563612	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.43	345.9	Lg	06:45:50.414	0.3					T__				---		5563613	FDSN	ZJ	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

PSZ	0.56	254.1	Lg	06:45:54.785	-0.8	T__	---	5563617	FDSN	GE	--	iLoc	BUD	HHE	???	_
TRPA	1.23	86.7	Sn	06:46:11.733	-4.8	T__	---	5563618	FDSN	HU	--	iLoc	BUD	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/19	08:08:59.93	1.02	1.20	47.5616	18.7092	6.7	3.6	166	0.0f	11	7	134	0.23	1.35	sx	BUD	16002512	BUD			179	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	16002512

Sta	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	110.0	Lg	08:09:07.801	-1.7					T__					5563653	FDSN	HU	--	BUD	iLoc	HHE	???	_		
HU09A	0.23	289.3	Pg	08:09:05.487	0.4					T__	167.0			---	ML	1.2	5563651	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.23	289.3	Lg	08:09:07.978	-1.6					T__				---		5563652	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU10A	0.35	36.3	Pg	08:09:08.328	0.8					T__	144.2			---	ML	1.4	5563649	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.35	36.3	Lg	08:09:13.732	0.1					T__				---		5563650	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.88	65.5	Lg	08:09:31.212	-0.7					T__				---		5563648	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
MPLH	0.89	244.2	Lg	08:09:31.550	0.7					T__				---		5563654	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.94	5.2	Pg	08:09:19.341	0.4					T__	14.1			---	ML	1.2	5563646	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.94	5.2	Lg	08:09:31.314	-1.4					T__				---		5563647	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	1.35	64.7	Pn	08:09:26.324	1.3					T__	29.0			---	ML	1.7	5563655	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.35	64.7	Sn	08:09:44.214	-0.6					T__				---		5563656	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
2020/10/19	08:56:02.84	1.92	0.51	48.7972	21.1079	22.2	7.7	155	0.0f	7	4	206	0.48	0.78	sx	BUD	16002514	BUD			337	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD	16002514

Sta	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	0.48	231.5	Pg	08:56:12.703	0.2					T__	34.3			---	ML	1.2	5563681	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	231.5	Lg	08:56:20.169	0.3					T__				---		5563682	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.52	232.9	Pg	08:56:12.991	-0.3					T__	93.9			---	ML	1.7	5563683	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.52	232.9	Lg	08:56:21.059	-0.0					T__				---		5563684	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.78	210.1	Pg	08:56:19.311	0.4					T__	26.0			---	ML	1.3	5563685	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	210.1	Lg	08:56:30.164	-0.8					T__				---		5563686	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KOLS	0.78	79.5	Lg	08:56:30.259	-0.1					T__				---		5563687	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
2020/10/19	08:58:53.41	1.36	1.17	48.8504	21.0748	7.6	7.3	169	0.0f	10	8	125	0.50	1.22	sx	BUD	16002516	BUD			216	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.5	3 BUD	16002516

Sta	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	225.2	Pg	08:59:03.964	0.5					T__		35.2		___	ML	1.2	5563713	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	225.2	Lg	08:59:10.882	-0.2					T__				---		5563714	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.54	227.0	Pg	08:59:04.199	0.0					T__		88.2		___	ML	1.7	5563715	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.54	227.0	Lg	08:59:11.958	-0.3					T__				---		5563716	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.57	168.8	Lg	08:59:12.084	-2.2					T__				---		5563719	FDSN	HU	--	BUD	iLoc	HHE	???	_	
NIE	0.76	318.4	Lg	08:59:17.634	-1.1					T__				---		5563720	FDSN	PL	--	BUD	iLoc	BHE	???	_	
KOLS	0.80	83.6	Lg	08:59:22.056	0.6					T__				---		5563717	FDSN	SK	--	BUD	iLoc	HHE	???	_	
HU02A	0.82	206.9	Pg	08:59:11.264	1.1					T__		126.8		___	ML	2.1	5563721	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
TRPA	1.21	125.9	Lg	08:59:33.581	-1.3					T__				---		5563718	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.22	220.6	Sn	08:59:35.761	0.2					T__				---		5563722	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	
2020/10/19	09:50:05.13	0.76	1.84	48.0750	20.8334	3.7	3.0	121	5.8	8.2	43	26	52	0.21	2.61	ke	iLoc	16002518	BUD			65	

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.2	23 BUD	16002518

Sta	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	0.21	283.0	Pg	09:50:09.894	-0.0					T__		2142.3		___	ML	2.2	5563789	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_
HU02A	0.21	283.0	Lg	09:50:13.694	-0.0					T__				---		5563790	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
ABAH	0.35	50.7	Pg	09:50:12.014	-0.2					T__		1390.5		___	ML	2.4	5563791	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
ABAH	0.35	50.7	Lg	09:50:16.340	-1.8					T__				---		5563792	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
JOS	0.46	335.1	Pg	09:50:14.419	-0.0					T__		3611.8		___	ML	3.1	5563793	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	335.1	Lg	09:50:21.449	-0.0					T__				---		5563794	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=0)																									
KECS	0.47	330.5	Pg	09:50:14.699	0.1					T__		3594.0		___	ML	3.2	5563796	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.47	330.5	Lg	09:50:22.024	0.3					T__				---		5563795	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=0)																									
TENKA	0.53	218.0	Pg	09:50:16.322	-0.1					T__		3611.8		___	ML	3.3	5563797	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.53	218.0	Lg	09:50:25.390	1.0					T__				---		5563798	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=0 ATAN3 0.57 215.2 Pg 09:50:16.795 -0.3 T__ 12836.1 ___ ML 3.9 5563799 FDSN HU -- BUD iLoc HHZ HHZ _ ATAN3 0.57 215.2 Lg 09:50:26.502 1.0 T__ ___ 5563800 FDSN HU -- BUD iLoc HHE ??? _ (Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=0 HU23A 0.59 222.2 Pg 09:50:17.138 -0.4 T__ 1207.9 ___ ML 2.9 5563801 FDSN ZJ 00 BUD iLoc HHZ HHZ _ HU23A 0.59 222.2 Lg 09:50:26.858 0.6 T__ ___ 5563802 FDSN ZJ 00 BUD iLoc HHE ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 PSZ 0.65 256.4 Pg 09:50:17.968 -0.9 T__ 855.4 ___ ML 2.8 5563803 FDSN GE -- BUD iLoc HHZ HHZ _ PSZ 0.65 256.4 Lg 09:50:27.688 -1.1 T__ ___ 5563804 FDSN GE -- BUD iLoc HHN ??? _ (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 HU07A 0.73 97.0 Pg 09:50:19.249 -0.2 T__ 1425.0 ___ ML 3.1 5563805 FDSN ZJ 00 BUD iLoc HHZ HHZ _ HU07A 0.73 97.0 Lg 09:50:30.156 -0.9 T__ ___ 5563806 FDSN ZJ 00 BUD iLoc HHE ??? _ (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1 HU03A 0.85 258.8 Lg 09:50:35.071 0.1 T__ ___ 5563807 FDSN ZJ 00 BUD iLoc HHZ ??? _ BSZH 0.87 206.5 Pn 09:50:22.234 -0.1 T__ 759.1 ___ ML 2.9 5563808 FDSN HU -- BUD iLoc HHZ HHZ _ BSZH 0.87 206.5 Lg 09:50:36.132 0.7 T__ ___ 5563809 FDSN HU -- BUD iLoc HHN ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 LTVH 1.00 133.4 Pn 09:50:24.324 0.1 T__ 882.4 ___ ML 3.0 5563810 FDSN HU -- BUD iLoc HHZ HHZ _ LTVH 1.00 133.4 Sn 09:50:39.627 0.3 T__ ___ 5563811 FDSN HU -- BUD iLoc HHN ??? _ (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 HU01A 1.10 228.7 Pn 09:50:26.234 0.6 T__ 629.1 ___ ML 2.9 5563813 FDSN ZJ 00 BUD iLoc HHZ HHZ _ HU01A 1.10 228.7 Sn 09:50:43.285 1.7 T__ ___ 5563814 FDSN ZJ 00 BUD iLoc HHE ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 TRPA 1.14 86.6 Pn 09:50:26.050 -0.3 T__ 554.1 ___ ML 2.9 5563812 FDSN HU -- BUD iLoc HHZ HHZ _ TRPA 1.14 86.6 Pg 09:50:29.500 2.5 T__ ___ 28113761 FDSN IR -- ISC iLoc ??? ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 HU24A 1.19 169.2 Pn 09:50:28.319 1.5 T__ 495.6 ___ ML 2.9 5563815 FDSN ZJ 00 BUD iLoc HHZ HHZ _ HU24A 1.19 169.2 Sn 09:50:45.396 1.9 T__ ___ 5563816 FDSN ZJ 00 BUD iLoc HHE ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 HU10A 1.24 260.0 Pn 09:50:29.191 1.5 T__ 315.4 ___ ML 2.7 5563817 FDSN ZJ 00 BUD iLoc HHZ HHZ _ (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1 NIE 1.39 345.5 Pg 09:50:31.938 0.6 T__ 131.8 ___ ML 2.4 5563818 FDSN PL -- BUD iLoc BHZ BHZ _ NIE 1.39 345.5 Sn 09:50:50.251 0.6 T__ ___ 5563819 FDSN PL -- BUD iLoc BHE ??? _ (Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1 VYHS 1.40 288.2 Pn 09:50:30.813 0.7 T__ 38.4 ___ ML 1.9 5563822 FDSN SK -- BUD iLoc HHZ HHZ _ (Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 LANS 1.41 320.4 Pg 09:50:32.381 -0.4 T__ 558.9 ___ ML 3.0 5563820 FDSN SK -- BUD iLoc EHZ EHZ _ LANS 1.41 320.4 Lg 09:50:51.283 -0.0 T__ ___ 5563821 FDSN SK -- BUD iLoc EHN ??? _ (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1
--

DRGR	1.81	134.5	Pg	09:50:39.900	-0.8	T__										28113842	FDSN	IR	--	ISC	iLoc	???	???	_
BMR	1.84	101.6	Pn	09:50:38.700	2.4	T__	0.6	---	ML	0.3	28113843	FDSN	IR	--	ISC	iLoc	???	???	_					
(Reading ML: 0.3 magdef=1)																								
(Station ML: 0.3 magdef=0)																								
SIRR	1.89	162.4	Pg	09:50:41.800	-0.9	T__										28113840	FDSN	IR	--	ISC	iLoc	???	???	_
KWP	1.99	37.8	Pg	09:50:42.260	-0.2	T__										28634552	FDSN	IR	--	ISC	iLoc	???	???	_
KWP	1.99	37.8	Pb	09:50:43.000	0.5	T__	0.3	---	ML	0.1	28113847	FDSN	IR	--	ISC	iLoc	???	???	_					
(Reading ML: 0.1 magdef=1)																								
(Station ML: 0.1 magdef=0)																								
OJC	2.25	342.8	Pg	09:50:48.206	-0.2	T__	126.8	---	ML	2.9	5563823	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_					
(Reading ML: 2.9 magdef=1)																								
(Station ML: 2.9 magdef=1)																								
CJR	2.32	124.9	Pn	09:50:37.800	-5.4	T__	0.3	---	ML	0.3	28113845	FDSN	IR	--	ISC	iLoc	???	???	_					
(Reading ML: 0.3 magdef=1)																								
(Station ML: 0.3 magdef=0)																								
DEV	2.61	146.4	Pn	09:50:38.900	-8.2	T__	0.3	---	ML	0.4	28113844	FDSN	IR	--	ISC	iLoc	???	???	_					
(Reading ML: 0.4 magdef=1)																								
(Station ML: 0.4 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
2020/10/19	18:43:01.41	2.79	0.23	47.6683	20.3318	15.7	5.2	1	12.3	18.5	9	5	125	0.02	0.47	ke	BUD	16002520	BUD			191

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.6	4 BUD	16002520

Sta	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	141.9	Pg	18:43:03.797	-0.1					T__		1740.8		---	ML	1.6	5563883	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.02	141.9	Lg	18:43:05.800	-0.0					T__				---		5563884	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ATAN3	0.06	166.7	Pg	18:43:04.091	-0.1					T__	3253.4			---	ML	2.0	5563881	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
ATAN3	0.06	166.7	Lg	18:43:06.373	0.2					T__				---		5563882	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU23A	0.06	242.2	Pg	18:43:04.210	-0.0					T__	277.3			---	ML	0.9	5563885	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.06	242.2	Lg	18:43:06.572	0.2					T__				---		5563886	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
PSZ	0.39	310.5	Pg	18:43:10.094	0.0					T__	26.5			---	ML	0.8	5563887	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.39	310.5	Lg	18:43:15.960	-0.4					T__				---		5563888	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
HU02A	0.47	15.9	Lg	18:43:19.042	0.3					T__				---		5563889	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		
2020/10/20	07:52:21.93	0.30	1.26	47.9458	19.8562	5.1	2.9	160	0.0	0.0	13	0	119	0.04	0.99	kx	BUD	16002522	BUD					
2020/10/20	07:52:19.82	0.92	2.77	47.8987	20.0893f				0.0f		11	6	208	0.13	1.03	kx	BUD_GT	16002523	BUD					218

(locality : Gyöngyössolymos Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.7 0.1 6 BUD 16002523

Sta	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	278.6	Pg	07:52:20.858	-2.4					T__		4206.0		---	ML	2.3 5563948	FDSN	GE	--	BUD	ISC	HHZ	HHZ	_
PSZ	0.13	278.6	Lg	07:52:23.625	-2.6					T__				---		5563949	FDSN	GE	--	BUD	ISC	HHE	???	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=0)																								
HU03A	0.33	271.1	Pg	07:52:24.006	-3.0					---		381.8		---	ML	1.8 5563950	FDSN	ZJ	00	BUD	ISC	HHZ	HHZ	_
HU03A	0.33	271.1	Lg	07:52:28.578	-3.8					T__				---		5563951	FDSN	ZJ	00	BUD	ISC	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
HU02A	0.37	52.4	Pg	07:52:30.877	3.0					T__		59.3		---	ML	1.1 5563952	FDSN	ZJ	00	BUD	ISC	HHZ	HHZ	_
HU02A	0.37	52.4	Lg	07:52:37.318	3.2					T__				---		5563953	FDSN	ZJ	00	BUD	ISC	HHE	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=0)																								
KECS	0.64	24.2	Lg	07:52:44.201	1.6					T__				---		5563945	FDSN	SK	--	BUD	ISC	EHE	???	_
JOS	0.67	26.6	Pg	07:52:34.632	1.4					T__		59.7		---	ML	1.6 5563946	FDSN	ZJ	--	BUD	ISC	HHN	HHZ	_
JOS	0.67	26.6	Lg	07:52:44.681	1.2					T__				---		5563947	FDSN	ZJ	--	BUD	ISC	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
HU10A	0.72	266.1	Lg	07:52:40.897	-5.5					---				---		5563954	FDSN	ZJ	00	BUD	ISC	HHE	???	_
ABAH	0.87	62.3	Pg	07:52:39.375	2.3					T__		60.4		---	ML	1.8 5563956	FDSN	HU	--	BUD	ISC	HHZ	HHZ	_
ABAH	0.87	62.3	Sn	07:52:56.586	4.0					T__				---		5563957	FDSN	HU	--	BUD	ISC	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
VYHS	1.03	305.9	Pn	07:52:38.662	-1.9					T__		17.2		---	ML	1.3 5563955	FDSN	SK	--	BUD	ISC	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
 2020/10/20 08:42:26.83 3.23 0.75 48.6324 20.7650 26.6 5.6 176 0.0f 7 5 232 0.20 1.29 sx BUD 16002524 BUD 314

Magnitude Err Nsta Author OrigID
 ML 1.5 0.5 3 BUD 16002524

Sta	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	227.7	Pg	08:42:31.229	0.2					T__		187.0		---	ML	1.1 5563986	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	227.7	Lg	08:42:34.911	0.5					T__				---		5563987	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=1)																								
KECS	0.24	231.3	Pg	08:42:31.645	-0.1					T__		854.5		---	ML	1.9 5563988	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.24	231.3	Lg	08:42:35.839	0.2					T__				---		5563989	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
ABAH	0.46	136.6	Pg	08:42:36.274	0.0					T__		80.5		---	ML	1.5 5563990	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
PSZ	0.92	219.5	Lg	08:42:58.851	-1.1					T__				---		5563991	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	1.29	264.6	Sn	08:43:09.832	-0.8					T__				---		5563992	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
2020/10/20	08:58:20.14	0.35	0.68	47.5621	18.4031	6.3	3.3	108	0.0	0.0	9	0	143	0.08	1.36	kx	BUD	16002526	BUD			
2020/10/20	08:58:18.25	0.93	0.76	47.5600	18.4573f				0.0f		9	6	113	0.09	1.35	kx	BUD_GT	16002527	BUD			160

(locality : Tatabánya Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	16002527

Sta	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	08:58:20.683	-0.0					T__		1893.8		---	ML	1.8	5564017	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	08:58:22.675	-0.4					T__				---		5564018	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
CSKK	0.24	214.2	Pg	08:58:23.622	0.1					T__		263.3		---	ML	1.4	5564019	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	08:58:27.720	-0.4					T__				---		5564020	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
HU10A	0.47	52.8	Lg	08:58:36.248	0.0					T__				---		5564023	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
VYHS	0.97	15.1	Pg	08:58:39.553	1.6					T__		17.1		---	ML	1.3	5564021	FDSN	SK	--	iLoc	BUD	HHZ	HHZ	_
VYHS	0.97	15.1	Lg	08:58:51.309	-0.8					T__				---		5564022	FDSN	SK	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																									
PSZ	1.03	69.2	Lg	08:58:54.673	-1.0					T__				---		5564024	FDSN	GE	--	iLoc	BUD	HHN	???	_	
MORH	1.35	174.5	Sn	08:59:02.993	0.2					T__				---		5564025	FDSN	HU	--	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/20	09:09:07.75	1.13	0.52	48.9846	20.1990	14.8	3.7	85	0.0f		9	6	177	0.44	1.37	sx	BUD	16002528	BUD			260

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	3 BUD	16002528

Sta	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	8.6	Pg	09:09:16.314	0.2					T__		45.7		---	ML	1.2	5564057	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.44	8.6	Lg	09:09:22.026	-0.4					T__				---		5564058	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																									
KECS	0.54	159.2	Pg	09:09:18.762	0.3					T__		111.6		---	ML	1.8	5564052	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.54	159.2	Lg	09:09:26.113	-0.5					T__				---		5564053	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
JOS	0.54	155.1	Pg	09:09:19.006	0.5					T__		65.0		---	ML	1.6	5564050	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	155.1	Lg	09:09:25.786	-0.8					T__				---		5564051	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
HU02A	0.89	165.8	Lg	09:09:39.354	-0.3					T__				---		5564056	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	1.09	190.9	Lg	09:09:46.167	-0.3					T__				---		5564054	FDSN	GE	--	BUD	iLoc	HHE	???	_	
KOLS	1.37	91.4	Lg	09:09:53.384	0.1					T__				---		5564055	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
2020/10/20	09:16:39.46	1.36	1.20	45.6616	17.2639	8.1	7.0	161	4.3	17.1	15	8	123	0.46	1.28	sx	BUD	16002530	BUD			218

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	7 BUD	16002530

Sta	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	0.46	56.4	Pg	09:16:48.850	-0.0					T__		551.9		___	ML	2.3	5564099	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.46	56.4	Lg	09:16:55.769	0.7					T__				---		5564100	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
KOVH	0.72	53.5	Pg	09:16:53.234	-0.8					T__		260.5		___	ML	2.3	5564095	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.72	53.5	Sn	09:17:05.848	-1.1					T__				---		5564096	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
BEHE	0.88	337.4	Pn	09:16:58.675	1.1					T__		396.2		___	ML	2.6	5564103	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.88	337.4	Sn	09:17:12.499	1.8					T__				---		5564104	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
BLY	0.91	183.6	Pg	09:16:57.050	-0.2					T__		95.2		___	ML	2.0	5564093	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	0.91	183.6	Sn	09:17:10.355	-1.6					T__				---		5564094	FDSN	MN	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PTJ	0.94	285.6	Pg	09:16:57.289	-0.6					T__		76.1		___	ML	1.9	5564101	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.94	285.6	Lg	09:17:12.041	0.9					T__				---		5564102	FDSN	CR	--	BUD	iLoc	BHZ	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOGS	1.06	318.5	Sn	09:17:16.597	1.8					T__				---		5564105	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
MORH	1.11	59.6	Pn	09:17:00.443	0.0					T__		53.1		___	ML	1.8	5564097	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.11	59.6	Lg	09:17:15.785	-0.0					T__				---		5564098	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
CRES	1.28	278.0	Pn	09:17:03.917	0.4					T__		54.9		___	ML	1.9	5564106	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.28	278.0	Sn	09:17:22.383	1.5					T__				---		5564107	FDSN	SL	--	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
2020/10/21	08:21:32.75	0.90	0.40	48.4038	19.1177	6.3	3.4	21	3.0f		11	6	148	0.21	0.98	sx	BUD	16002536	BUD			257

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	5 BUD	16002536

Sta	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	295.8	Pg	08:21:37.233	0.1					T__		362.6		___	ML	1.4	5564225	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.21	295.8	Lg	08:21:40.543	0.1					T__				---		5564226	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU10A	0.56	186.8	Lg	08:21:52.606	-0.6					T__				---		5564222	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.71	132.8	Pg	08:21:48.431	0.7					T__		55.7		___	ML	1.6	5564223	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

PSZ	0.71	132.8	Lg	08:21:58.215	-0.2	T__	---	5564224	FDSN	GE	--	BUD	iLoc	HHE	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
KECS	0.91	84.5	Pg	08:21:50.819	-0.0	T__	150.0	---	ML	2.2	5564229	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.91	84.5	Lg	08:22:04.445	0.1	T__	---	5564230	FDSN	SK	--	BUD	iLoc	EHN	???	_			
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
JOS	0.95	83.9	Pg	08:21:51.417	-0.1	T__	46.2	---	ML	1.7	5564231	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.95	83.9	Lg	08:22:04.870	-0.6	T__	---	5564232	FDSN	ZJ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
HU02A	0.98	106.2	Pn	08:21:52.555	0.1	T__	46.7	---	ML	1.7	5564227	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	106.2	Lg	08:22:07.103	-0.3	T__	---	5564228	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	
2020/10/21	09:24:56.23	1.18	0.59	47.7381	19.0425	13.3	4.8	28	0.0	0.0	10	0	277	0.11	1.26	kx	BUD	16002538	BUD				
2020/10/21	09:24:56.42	0.92	0.60	47.8355	19.1270f				0.0f		10	5	197	0.07	1.15	kx	BUD_GT	16002539	BUD			263	
(locality : Sejce-Vác Hungary)																							
(description : known quarry blast)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	16002539

Sta	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	09:24:58.632	0.2					T__		1893.6		---	ML	1.8	5081575	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:24:59.908	-0.4					T__				---		5081576	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
HU03A	0.33	77.7	Pg	09:25:04.102	0.6					T__	127.7			---	ML	1.3	5081579	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.33	77.7	Lg	09:25:09.531	0.7					T__				---		5081580	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.52	80.6	Pg	09:25:07.508	-0.3					T__	44.9			---	ML	1.4	5081581	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	09:25:16.088	-0.1					T__				---		5081582	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VYHS	0.69	343.6	Pn	09:25:11.503	-1.0					T__	18.2			---	ML	1.1	5081577	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.6	Lg	09:25:20.032	-0.7					T__				---		5081578	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
JOS	1.15	54.5	Pg	09:25:19.136	-0.1					T__	33.4			---	ML	1.7	5081583	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.5	Sn	09:25:35.476	-0.8					T__				---		5081584	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	
2020/10/21	10:08:04.59	1.57	0.56	48.2341	21.4842	14.9	13.6	58	0.0	0.0	6	0	327	0.17	0.68	kx	BUD	16002540	BUD				

2020/10/21 10:08:04.85 0.86 1.90 48.2470 21.2460f 0.0f 6 3 260 0.05 0.53 kx BUD_GT 16002541 BUD 317
 (locality : Tálya Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 3 BUD 16002541

Sta	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	10:08:07.961	1.5					T__		1190.4		---	ML	1.5 5564299	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	10:08:08.870	0.9					T__				---		5564300	FDSN	HU	--	iLoc	BUD	HHE	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU02A	0.50	255.8	Pn	10:08:17.527	-1.7					T__		34.6		---	ML	1.2 5564304	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	10:08:25.249	1.7					T__				---		5564301	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
JOS	0.53	298.1	Pn	10:08:17.418	-2.3					T__		47.2		---	ML	1.5 5564302	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Sn	10:08:27.451	-1.9					T__				---		5564303	FDSN	ZJ	--	iLoc	BUD	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
 2020/10/21 10:23:26.91 0.90 1.05 48.5184 19.3516 6.0 5.6 43 8.0 17.2 15 9 100 0.34 1.39 sx BUD 16002542 BUD 185

Magnitude Err Nsta Author OrigID
 ML 1.9 0.2 7 BUD 16002542

Sta	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	266.1	Pg	10:23:34.397	0.3					T__		52.2		---	ML	1.0 5564347	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
VYHS	0.34	266.1	Lg	10:23:39.205	-0.2					T__				---		5564348	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=0)																								
LANS	0.64	6.9	Pg	10:23:39.659	0.0					T__		83.0		---	ML	1.8 5564349	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
PSZ	0.70	148.6	Pg	10:23:42.180	0.4					T__		59.1		---	ML	1.7 5564345	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.70	148.6	Lg	10:23:52.405	0.2					T__				---		5564346	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
HU10A	0.71	198.4	Lg	10:23:51.596	-0.6					T__				---		5564352	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
KECS	0.76	92.3	Pg	10:23:41.988	0.1					T__		248.1		---	ML	2.3 5564341	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.76	92.3	Lg	10:23:52.617	-0.1					T__				---		5564342	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=0)																								
JOS	0.79	91.2	Pg	10:23:42.548	-0.0					T__		94.3		---	ML	1.9 5564339	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.79	91.2	Lg	10:23:53.417	-0.4					T__				---		5564340	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
HU02A	0.88	116.4	Pg	10:23:44.913	-0.0					T__		89.0		---	ML	1.9 5564350	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.88	116.4	Lg	10:23:56.525	-1.0					T__				---		5564351	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																								

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(Station ML: 1.9 magdef=1
ABAH 1.28 99.3 Pg 10:23:53.091 1.1 T__ 84.1 ___ ML 2.1 5564343 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.28 99.3 Sn 10:24:11.051 3.0 T__ ___ 5564344 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MODS 1.39 264.8 Sn 10:24:11.676 0.0 T__ ___ 5564353 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
2020/10/21 11:01:10.68 2.62 2.45 47.1887 17.7838 21.3 5.8 145 0.0f 5 4 221 0.17 0.61 sx BUD 16002544 BUD 264

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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
MPLH 0.17 263.7 Pg 11:01:14.547 -0.2 T__ 206.7 ___ ML 1.1 5564383 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.17 263.7 Lg 11:01:17.262 -0.8 T__ ___ 5564384 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.26 21.4 Lg 11:01:18.338 -3.0 T__ ___ 5564385 FDSN ZJ 00 BUD iLoc HHE ??? _
EGYH 0.38 306.8 Pg 11:01:20.283 1.4 T__ 363.3 ___ ML 1.9 5564387 FDSN HU -- BUD iLoc HHN HHZ _
HU09A 0.61 41.9 Lg 11:01:34.088 0.7 T__ ___ 5564389 FDSN ZJ 00 BUD iLoc HHN ??? _
KOVH 1.12 168.7 Sn 11:01:55.131 5.8 ___ 5564388 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.14 148.4 Sn 11:01:56.115 6.4 ___ 5564386 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
2020/10/21 11:16:06.70 1.34 2.99 47.1844 17.7708 12.0 5.2 150 0.0f 9 8 96 0.16 1.49 sx BUD 16002546 BUD 139

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 3 BUD 16002546

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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 0.16 264.9 Pg 11:16:10.219 -0.3 T__ 843.8 ___ ML 1.7 5564412 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.16 264.9 Lg 11:16:13.113 -0.7 T__ ___ 5564413 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU08A 0.27 22.8 Lg 11:16:14.009 -3.6 T__ ___ 5564414 FDSN ZJ 00 BUD iLoc HHE ??? _
CSKK 0.38 61.6 Lg 11:16:22.256 0.7 T__ ___ 5564416 FDSN HU -- BUD iLoc HHN ??? _
EGYH 0.38 308.1 Pg 11:16:16.417 1.6 T__ 1175.3 ___ ML 2.4 5564415 FDSN HU -- BUD iLoc HHE HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
HU10A 1.07 51.5 Sn 11:16:44.384 -0.3 T__ ___ 5564417 FDSN ZJ 00 BUD iLoc HHE ??? _
KOVH 1.12 168.2 Sn 11:16:49.393 4.2 T__ ___ 5564418 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.14 147.9 Sn 11:16:50.200 4.4 T__ ___ 5564419 FDSN HU -- BUD iLoc HHE ??? _
VYHS 1.49 28.3 Pn 11:16:34.008 0.1 T__ 18.8 ___ ML 1.6 5564420 FDSN SK -- 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
2020/10/21 15:44:47.39 1.68 0.49 48.0420 20.8521 11.6 4.6 172 3.0f 8 4 244 0.23 0.50 ke BUD 16002548 BUD 314

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Magnitude Err Nsta Author OrigID
ML 1.1 0.5 4 BUD 16002548

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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	0.23	290.2	Pg	15:44:52.634	0.1					T__		30.8		---	ML	0.4	5564445	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.23	290.2	Lg	15:44:56.290	-0.3					T__				---		5564446	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
ABAH	0.36	45.4	Pg	15:44:54.965	0.3					T__		40.0		---	ML	0.9	5564447	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.36	45.4	Lg	15:45:00.010	-0.8					T__				---		5564448	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
JOS	0.50	335.4	Pg	15:44:57.577	0.2					T__		36.1		---	ML	1.2	5564449	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	335.4	Lg	15:45:04.451	-0.4					T__				---		5564450	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.50	331.1	Pg	15:44:57.919	0.4					T__		88.9		---	ML	1.7	5564451	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.50	331.1	Lg	15:45:04.994	-0.1					T__				---		5564452	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(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
2020/10/22	08:15:47.47	0.86	1.80	47.6470	18.5402	4.4	2.8	142	0.0f		17	10	104	0.11	1.43	sx	BUD	16002550	BUD			140

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	7 BUD	16002550

Sta	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	265.6	Pg	08:15:49.796	-0.4					T__		2832.4		---	ML	2.0	5564493	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.11	265.6	Lg	08:15:51.768	-0.9					T__				---		5564494	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
SR0	0.23	317.5	Pg	08:15:52.273	-0.2					T__		6582.9		---	ML	2.7	5564496	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.23	317.5	Lg	08:15:56.606	-0.2					T__				---		5564495	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
CSKK	0.34	213.8	Pg	08:15:55.104	0.4					T__		234.0		---	ML	1.6	5564491	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.34	213.8	Lg	08:15:57.070	-3.9					T__				---		5564492	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU10A	0.38	58.3	Pg	08:15:55.760	0.2					T__		227.2		---	ML	1.7	5564497	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.38	58.3	Lg	08:16:01.113	-1.0					T__				---		5564498	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU08A	0.47	242.9	Lg	08:16:04.738	-0.4					T__				---		5564499	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.83	235.3	Pg	08:16:05.797	1.6					T__		87.7		---	ML	1.9	5564500	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.83	235.3	Lg	08:16:19.269	2.8					T__				---		5564501	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
VYHS	0.87	13.1	Pg	08:16:06.583	1.4					T__		13.5		---	ML	1.1	5564502	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.87	13.1	Lg	08:16:17.622	-0.4					T__				---		5564503	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
PSZ	0.95	72.9	Lg	08:16:21.339	-0.7					T__				---		5564504	FDSN	GE	--	BUD	iLoc	HHN	???	_	

MODS	1.12	311.1	Sn	08:16:23.345	-3.7					T__						5564505	FDSN	SK	--	BUD	iLoc	HHE	???	_
MORH	1.43	177.1	Pn	08:16:14.612	1.1					T__	34.7					5564507	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.43	177.1	Sn	08:16:33.411	-0.6					T__						5564506	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	
2020/10/22	08:17:57.64	1.26	1.02	48.7554	20.7950	6.7	6.3	8	3.7	20.7	9	5	173	0.31	1.03	sx	BUD	16002552	BUD			289	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	16002552

Sta	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	0.31	213.2	Pg	08:18:04.450	0.5					T__		219.5			ML	1.5	5564541	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.31	213.2	Lg	08:18:07.523	-1.2					T__						5564542	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KECS	0.34	217.1	Pg	08:18:05.077	0.5					T__		554.4			ML	2.0	5564543	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.34	217.1	Lg	08:18:09.694	-0.1					T__						5564544	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
ABAH	0.55	147.1	Pg	08:18:08.951	0.5					T__		57.0			ML	1.6	5564545	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.55	147.1	Lg	08:18:16.263	-1.1					T__						5564546	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
NIE	0.74	334.0	Lg	08:18:21.334	-0.8					T__						5564547	FDSN	PL	--	BUD	iLoc	BHZ	???	_	
PSZ	1.03	216.0	Pn	08:18:18.656	0.6					T__		46.2			ML	1.7	5564548	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.03	216.0	Lg	08:18:32.993	-0.7					T__						5564549	FDSN	GE	--	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	
2020/10/23	07:51:32.67	1.62	1.23	46.9668	22.3057	16.0	7.3	175	0.0f		7	6	142	0.33	1.94	ke	BUD	16002554	BUD			178	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	6 BUD	16002554

Sta	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	122.1	Pg	07:51:39.280	-0.2					T__		323.7			ML	1.7	5564577	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.33	122.1	Lg	07:51:44.543	-0.5					T__						5564578	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
SIRR	0.83	212.7	Pg	07:51:49.857	0.4					T__		45.9			ML	1.6	5564579	FDSN	RO	--	BUD	iLoc	HNN	HHZ	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0																									
CJR	0.92	105.5	Pg	07:51:52.111	1.3					T__		424.6			ML	2.6	5564580	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0																									
HU02A	1.67	314.4	Pn	07:52:00.978	-1.2					T__		27.6			ML	1.9	5564583	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1																									

(Station ML: 1.9 magdef=1
 PSZ 1.89 301.1 Pn 07:52:03.979 -1.4 T__ 37.5 ___ ML 2.1 5564581 FDSN GE -- BUD iLoc HHZ HHZ _
 (Reading ML: 2.1 magdef=1
 (Station ML: 2.1 magdef=1
 JOS 1.94 322.7 Pn 07:52:05.369 -0.5 T__ 22.3 ___ ML 1.9 5564582 FDSN ZJ -- 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
2020/10/23	09:49:16.54	1.38	0.93	48.7418	21.5469	14.8	6.7	158	1.7	26.9	9	6	177	0.49	0.92	sx	BUD	16002556	BUD		242	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	16002556

Sta	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	204.7	Lg	09:49:33.999	-0.3					T__						5564680	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOLS	0.52	68.0	Lg	09:49:34.044	-0.7					T__						5564682	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
JOS	0.71	250.2	Pg	09:49:31.127	0.5					T__		42.9		___	ML	1.5	5564676	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.71	250.2	Lg	09:49:41.231	-0.0					T__						5564677	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KECS	0.75	250.2	Pg	09:49:31.588	0.2					T__		114.3		___	ML	2.0	5564678	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.75	250.2	Lg	09:49:41.859	-0.7					T__						5564679	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
TRPA	0.90	132.4	Lg	09:49:49.390	1.4					T__						5564683	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.92	228.0	Pg	09:49:35.386	0.0					T__		35.7		___	ML	1.6	5564684	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.92	228.0	Lg	09:49:48.019	-1.0					T__						5564681	FDSN	ZJ	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
2020/10/23	13:44:15.94	0.90	1.36	47.4378	16.5266	4.2	3.7	55	0.0f		15	9	113	0.20	1.06	sx	BUD	16002558	BUD		226	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	6 BUD	16002558

Sta	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	141.7	Pg	13:44:20.337	-0.0					T__		393.1		___	ML	1.4	5564722	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.20	141.7	Lg	13:44:22.431	-1.2					T__						5564723	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
SOP	0.25	5.0	Pg	13:44:21.893	0.7					T__		167.7		___	ML	1.2	5564718	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	5.0	Lg	13:44:24.314	-0.7					T__						5564719	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
A011B	0.39	265.9	Pg	13:44:24.618	1.0					T__		68.3		___	ML	1.2	5564724	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.39	265.9	Lg	13:44:29.426	0.8					T__						5564725	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																									

CONA	0.67	317.8	Pg	13:44:28.072	-1.1	T__	69.6	---	ML	1.7	5564720	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.67	317.8	Lg	13:44:35.295	-2.7	T__		---			5564721	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
ARSA	0.71	255.0	Lg	13:44:39.406	0.8	T__		---			5564726	FDSN	OE	--	BUD	iLoc	HHN	???	_
ZST	0.85	26.9	Lg	13:44:48.480	2.1	T__		---			5564727	FDSN	SK	--	BUD	iLoc	HHN	???	_
A013A	0.98	310.0	Pg	13:44:33.851	-1.0	T__	67.3	---	ML	1.9	5564728	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.98	310.0	Lg	13:44:45.709	-1.9	T__		---			5564729	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
A018A	1.03	287.9	Pn	13:44:37.586	0.4	T__	49.3	---	ML	1.8	5564730	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	1.03	287.9	Lg	13:44:48.779	0.0	T__		---			5564731	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
MODS	1.06	28.1	Sn	13:44:53.357	-0.2	T__		---			5564732	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
2020/10/23	19:24:44.61	1.18	0.84	48.3852	22.3196	13.2	6.7	15	14.1	17.6	14	9	134	0.29	1.23	ke	BUD	16002560	BUD		215	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	16002560

Sta	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	0.29	150.0	Pg	19:24:51.036	0.2					T__		87.1		---	ML	1.1	5564769	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.29	150.0	Lg	19:24:54.427	-1.6					T__				---		5564770	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU07A	0.49	214.0	Lg	19:25:02.216	-0.0					T__				---		5564780	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOLS	0.55	356.8	Pn	19:24:57.808	-0.2					T__				---		5564773	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.55	356.8	Sn	19:25:07.566	-0.1					T__				---		5564774	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.73	263.3	Pn	19:24:59.447	0.2					T__	45.0			---	ML	1.6	5564771	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.73	263.3	Lg	19:25:09.461	-0.2					T__				---		5564772	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
LTVH	1.04	195.9	Lg	19:25:20.209	0.6					T__				---		5564781	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BMR	1.06	131.6	Pg	19:25:06.058	0.9					T__	63.1			---	ML	1.9	5564775	FDSN	RO	--	BUD	iLoc	HHE	HHZ	_
BMR	1.06	131.6	Lg	19:25:19.120	-1.0					T__				---		5564776	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU05A	1.15	224.1	Lg	19:25:22.733	-0.7					T__				---		5564777	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
JOS	1.19	276.0	Pg	19:25:08.018	0.1					T__	23.0			---	ML	1.5	5564782	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.19	276.0	Lg	19:25:24.621	0.6					T__				---		5564778	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	1.23	258.3	Sn	19:25:24.691	1.1					T__				---		5564779	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
2020/10/23	23:49:29.86	2.12	0.87	48.0443	20.8618	13.6	6.9	157	2.0f		6	4	244	0.24	0.51	ke	BUD	16002562	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	
HU02A	0.24	289.2	Pg	23:49:35.340	0.3					T__		26.5		---	ML	0.4	5564808	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.24	289.2	Lg	23:49:38.579	-0.6					T__				---		5564809	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.36	45.0	Lg	23:49:42.206	-0.8					T__				---		5564810	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.50	334.6	Pg	23:49:40.532	0.7					T__		18.1		---	ML	0.9	5564805	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	334.6	Lg	23:49:46.679	-0.7					T__				---		5564806	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
KECS	0.51	330.4	Lg	23:49:47.204	-0.4					T__				---		5564807	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
2020/10/24	22:52:32.99	2.04	0.56	48.0493	20.8661	13.1	6.7	156	5.0f		6	4	242	0.24	0.50		ke BUD	16002564	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	
HU02A	0.24	287.8	Pg	22:52:38.494	0.2					T__		37.6		---	ML	0.5	5564829	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.24	287.8	Lg	22:52:41.977	-0.5					T__				---		5564830	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=0)																									
ABAH	0.35	45.2	Lg	22:52:45.512	-0.5					T__				---		5564831	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.50	334.1	Pg	22:52:43.328	0.4					T__		46.9		---	ML	1.4	5564832	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	334.1	Lg	22:52:49.975	-0.4					T__				---		5564833	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
KECS	0.50	329.8	Lg	22:52:50.519	-0.1					T__				---		5564834	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
2020/10/25	09:28:33.33	2.52	0.26	47.6679	20.3232	13.5	4.9	179	12.3	16.1	10	6	112	0.02	0.84		ke BUD	16002566	BUD			149

Magnitude Err Nsta Author OrigID
ML 1.7 0.5 4 BUD 16002566

Sta	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	129.1	Pg	09:28:35.700	-0.1					T__		4370.6		---	ML	2.0	5564863	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.02	129.1	Lg	09:28:37.709	-0.1					T__				---		5564864	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
HU23A	0.06	239.9	Pg	09:28:36.128	-0.0					T__		746.0		---	ML	1.3	5564865	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.06	239.9	Lg	09:28:38.494	0.3					T__				---		5564866	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
ATAN3	0.06	161.2	Pg	09:28:36.028	-0.1					T__		7179.3		---	ML	2.3	5564867	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATAN3	0.06	161.2	Lg	09:28:38.325	0.2					T__				---		5564868	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																									
PSZ	0.38	311.1	Lg	09:28:47.634	-0.5					T__				---		5564862	FDSN	GE	--	BUD	iLoc	HHN	???	_	
HU02A	0.47	16.6	Pg	09:28:43.517	0.1					T__		45.0		---	ML	1.3	5564860	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	16.6	Lg	09:28:51.015	0.2					T__				---		5564861	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									

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JOS      0.84  9.8 Sn      09:29:02.325  0.1          T__          ---          5564859  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
2020/10/26 09:26:28.86  0.81  0.53  48.0455  20.7521  8.5  5.7 148  0.0  0.0  7  0 205  0.17  0.59  kx BUD      16002568  BUD
2020/10/26 09:26:28.23  0.97  0.55  48.0750  20.6990f  0.0f          7  5 195  0.13  0.56  kx BUD_GT  16002569  BUD          268
(locality : Miskolc-Mexikóvölgy Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude  Err Nsta Author      OrigID
ML      1.3 0.1   3 BUD      16002569

Sta  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      09:26:31.291 -0.1          T__          453.8          --- ML  1.3 5564916  FDSN ZJ      00 iLoc  BUD  HHZ HHZ _
HU02A  0.13 292.1 Lg      09:26:33.666 -0.5          T__          ---          5564917  FDSN ZJ      00 iLoc  BUD  HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH  0.42 58.4 Pg      09:26:37.154  0.2          T__          74.0          --- ML  1.3 5564918  FDSN HU      -- iLoc  BUD  HHZ HHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS  0.43 340.8 Lg      09:26:44.321  0.5          T__          ---          5564915  FDSN SK      -- iLoc  BUD  EHN ??? _
JOS  0.43 345.9 Pg      09:26:37.534  0.5          T__          88.8          --- ML  1.5 5564913  FDSN ZJ      -- iLoc  BUD  HHZ HHZ _
JOS  0.43 345.9 Lg      09:26:43.860  0.0          T__          ---          5564914  FDSN ZJ      -- iLoc  BUD  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ  0.56 254.1 Lg      09:26:48.279 -1.0          T__          ---          5564919  FDSN GE      -- iLoc  BUD  HHZ ??? _

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2020/10/26 10:38:55.56  2.32  1.02  48.6248  20.8085  16.3  4.6  3  0.0f  10  6 233  0.22  1.32  sx BUD      16002570  BUD          295

Magnitude  Err Nsta Author      OrigID
ML      1.4 0.2   4 BUD      16002570

Sta  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  0.22 234.3 Pg      10:39:00.286  0.1          T__          203.8          --- ML  1.2 5564948  FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS  0.22 234.3 Lg      10:39:04.031  0.3          T__          ---          5564949  FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS  0.26 236.7 Pg      10:39:00.734 -0.1          T__          649.0          --- ML  1.8 5564946  FDSN SK      -- BUD  iLoc  EHN EHZ _
KECS  0.26 236.7 Lg      10:39:05.049  0.1          T__          ---          5564947  FDSN SK      -- BUD  iLoc  EHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH  0.44 138.7 Pg      10:39:04.857  0.4          T__          62.8          --- ML  1.3 5564952  FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH  0.44 138.7 Lg      10:39:10.748 -1.3          T__          ---          5564953  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A  0.54 200.7 Pg      10:39:08.264  1.4          T__          43.9          --- ML  1.4 5564950  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A  0.54 200.7 Lg      10:39:13.821 -1.6          T__          ---          5564951  FDSN ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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PSZ	0.93	221.2	Lg	10:39:28.481	-0.7	T__										5564954	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	1.32	265.0	Sn	10:39:39.404	-0.6	T__										5564955	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		
2020/10/27	06:54:22.70	0.92	0.46	47.3310	17.6119	12.6	4.3	132	0.0	0.0	6	0	227	0.17	1.32	kx	BUD	16002572	BUD					
2020/10/27	06:54:21.28	1.00	0.74	47.3300	17.6350f				0.0f		6	4	220	0.17	1.31	kx	BUD_GT	16002573	BUD				274	

(locality : Ugod Hungary)
 (description : known quarry blast)
 (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	06:54:25.415	0.0					T__		234.6			ML	1.2	5082289	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.17	202.2	Lg	06:54:28.258	-0.5					T__						5082290	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=0)																					
HU08A	0.22	62.6	Pg	06:54:27.080	0.8					T__		332.3			ML	1.4	5082291	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.22	62.6	Lg	06:54:30.256	-0.3					T__						5082292	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
CSKK	0.43	85.3	Lg	06:54:36.470	-1.3					T__						5082294	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.31	147.8	Sn	06:55:04.551	-0.0					T__						5082293	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		
2020/10/27	10:22:02.97	1.97	1.05	48.5296	20.7454	21.2	3.9	8	0.0f		8	4	228	0.14	0.84	sx	BUD	16002574	BUD				327	

Magnitude Err Nsta Author OrigID
 ML 1.4 0.4 4 BUD 16002574

Sta	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	256.2	Pg	10:22:05.892	-0.1					T__		196.1			ML	1.0	5565006	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	256.2	Lg	10:22:09.199	0.7					T__						5565011	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
KECS	0.18	255.1	Pg	10:22:06.392	-0.4					T__		534.5			ML	1.5	5565008	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.18	255.1	Lg	10:22:10.394	0.6					T__						5565007	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
ABAH	0.40	125.2	Pg	10:22:11.815	0.5					T__		68.3			ML	1.3	5565009	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	125.2	Lg	10:22:16.707	-1.6					T__						5565010	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
PSZ	0.84	223.2	Pn	10:22:19.802	-1.2					T__		60.4			ML	1.7	5565012	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.84	223.2	Lg	10:22:33.401	0.2					T__						5565013	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
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2020/10/27 10:38:35.72 0.63 0.61 46.0986 18.3288 9.8 4.5 160 0.0 0.0 5 0 204 0.16 0.43 kx BUD 16002576 BUD
 2020/10/27 10:38:34.47 1.01 0.70 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 16002577 BUD 275
 (locality : Komló Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.4 0.1 2 BUD 16002577

Sta	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	10:38:38.108	-0.2					T__		493.6		---	ML	1.4	5565035	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	10:38:41.079	-0.3					T__				---		5565036	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.25	80.9	Pg	10:38:40.138	0.2					T__		202.8		---	ML	1.3	5565037	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.25	80.9	Lg	10:38:43.813	-0.6					T__				---		5565038	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A266A	0.35	356.8	Lg	10:38:49.063	1.2					T__				---		5565039	FDSN	Z3	00	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/27	10:59:58.25	0.92	0.60	48.1749	16.9502	8.2	3.5	157	0.0f		13	8	148	0.10	1.34	sx	BUD	16002578	BUD			173

Magnitude Err Nsta Author OrigID
 ML 2.1 0.2 3 BUD 16002578

Sta	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	0.10	78.2	Pg	11:00:01.169	0.2					T__				---		5565081	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.10	78.2	Lg	11:00:03.192	-0.1					T__				---		5565082	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MODS	0.30	47.6	Pg	11:00:04.732	-0.0					T__				---		5565083	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.30	47.6	Lg	11:00:09.301	-0.7					T__				---		5565080	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	0.77	251.7	Pg	11:00:12.796	-0.7					T__		82.3		---	ML	1.8	5565089	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.77	251.7	Lg	11:00:23.445	-0.2					T__				---		5565090	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
AO13A	1.04	264.4	Pg	11:00:19.035	0.7					T__		98.3		---	ML	2.1	5565087	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
AO13A	1.04	264.4	Lg	11:00:31.990	0.2					T__				---		5565084	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
VRAC	1.16	348.4	Lg	11:00:37.706	0.5					T__				---		5565088	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
VYHS	1.30	75.1	Sn	11:00:41.167	-1.2					T__				---		5565086	FDSN	SK	--	BUD	iLoc	HHN	???	_	
AO18A	1.33	251.8	Sn	11:00:41.934	-0.4					T__				---		5565085	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
ARSA	1.34	226.7	Pn	11:00:23.984	0.2					T__		95.4		---	ML	2.2	5565091	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.34	226.7	Lg	11:00:41.195	0.4					T__				---		5565092	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
2020/10/28	09:18:40.39	1.14	0.56	47.5278	19.9429	5.3	4.1	124	13.9	13.3	15	11	131	0.24	1.16	ke	BUD	16002580	BUD			157

Magnitude Err Nsta Author OrigID
 ML 2.2 0.2 6 BUD 16002580

Sta	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	0.24	61.7	Pg	09:18:45.389	-0.7					T__		453.8		---	ML	1.6 5565179	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_
HU23A	0.24	61.7	Lg	09:18:51.042	0.9					T__				---		5565180	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=0)																								
HU01A	0.29	230.2	Lg	09:18:52.067	0.2					T__				---		5565178	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ATAN3	0.29	73.0	Pg	09:18:47.087	0.1					T__		2030.8		---	ML	2.4 5565184	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																								
(Station ML: 2.4 magdef=0)																								
TENKA	0.30	65.1	Pg	09:18:47.420	0.1					T__		1521.2		---	ML	2.3 5565185	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=1)																								
PSZ	0.39	355.2	Pg	09:18:48.993	-0.2					T__		454.5		---	ML	2.0 5565176	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.39	355.2	Lg	09:18:55.159	-0.4					T__				---		5565177	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
HU03A	0.44	328.5	Lg	09:18:57.699	1.1					T__				---		5565181	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
HU02A	0.71	33.2	Pn	09:18:54.923	0.2					T__		84.2		---	ML	1.8 5565186	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	33.2	Lg	09:19:05.224	-0.4					T__				---		5565187	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
HU04A	0.78	204.1	Lg	09:19:08.123	-0.1					T__				---		5565182	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
KECS	1.02	20.7	Lg	09:19:15.346	0.3					T__				---		5565183	FDSN	SK	--	BUD	iLoc	EHE	???	_
JOS	1.05	22.2	Lg	09:19:15.418	-0.4					T__				---		5565173	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
ABAH	1.16	48.1	Pg	09:19:03.252	-0.3					T__		129.5		---	ML	2.3 5565174	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.16	48.1	Lg	09:19:20.028	0.2					T__				---		5565175	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(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
 2020/10/28 10:46:59.80 1.92 0.86 47.8927 18.8941 17.8 5.6 165 0.0f 9 8 115 0.10 1.27 sx BUD 16002582 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
HU10A	0.10	119.5	Pg	10:47:02.556	0.3					T__		910.6		---	ML	1.5 5565254	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.10	119.5	Lg	10:47:04.119	-0.3					T__				---		5565255	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU03A	0.47	88.4	Lg	10:47:17.593	0.2					T__				---		5565259	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.67	87.4	Lg	10:47:23.538	-1.2					T__				---		5565260	FDSN	GE	--	BUD	iLoc	HHN	???	_
HU08A	0.80	235.2	Lg	10:47:28.194	-0.4					T__				---		5565256	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU02A	1.12	77.6	Sn	10:47:40.133	0.9					T__				---		5565262	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
KECS	1.22	60.4	Sn	10:47:41.247	-0.2					T__				---		5565261	FDSN	SK	--	BUD	iLoc	EHE	???	_
JOS	1.26	60.7	Sn	10:47:41.947	-0.3					T__				---		5565257	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
JAVC	1.27	320.3	Sn	10:47:45.085	1.3					T__				---		5565258	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
 2020/10/28 11:15:10.18 1.25 0.69 48.5425 20.7951 8.0 4.9 23 0.0f 12 8 122 0.18 1.23 sx BUD 16002584 BUD 172

Magnitude Err Nsta Author OrigID
ML 1.9 0.5 5 BUD 16002584

Sta	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	254.7	Pg	11:15:13.745	-0.2					T__		598.9		---	ML	1.6 5565332	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	254.7	Lg	11:15:17.727	0.9					T__				---		5565333	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=0)																								
KECS	0.21	254.0	Pg	11:15:14.263	-0.4					T__		2729.7		---	ML	2.3 5565334	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	254.0	Lg	11:15:18.156	-0.0					T__				---		5565335	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=1)																								
ABAH	0.39	129.6	Lg	11:15:24.617	-0.3					T__				---		5565336	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU02A	0.46	203.3	Pg	11:15:19.838	-0.1					T__		105.7		---	ML	1.6 5565342	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	203.3	Lg	11:15:26.870	-0.5					T__				---		5565343	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
PSZ	0.87	224.3	Pg	11:15:29.304	0.8					T__		91.5		---	ML	1.9 5565337	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
KOLS	1.05	67.7	Lg	11:15:47.719	1.1					T__				---		5565339	FDSN	SK	--	BUD	iLoc	HHE	???	_
LANS	1.07	305.3	Lg	11:15:46.079	-0.2					T__				---		5565338	FDSN	SK	--	BUD	iLoc	EHN	???	_
TRPA	1.23	108.9	Pn	11:15:34.406	0.8					T__		140.3		---	ML	2.3 5565341	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.23	108.9	Sn	11:15:51.637	-0.8					T__				---		5565340	FDSN	HU	--	BUD	iLoc	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
2020/10/28	22:58:07.11	1.12	1.27	46.1811	16.6422	8.0	4.3	139	7.9	16.2	14	10	132	0.30	1.32	ke	BUD	16002588	BUD		167	

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 5 BUD 16002588

Sta	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	17.7	Pg	22:58:13.431	-0.1					T__		487.1		---	ML	1.8 5565415	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.30	17.7	Lg	22:58:18.361	0.4					T__				---		5565416	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
KOGS	0.38	314.7	Pg	22:58:14.852	0.0					T__		130.4		---	ML	1.5 5565413	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.38	314.7	Lg	22:58:20.320	0.3					T__				---		5565414	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
PTJ	0.54	240.0	Pg	22:58:18.234	0.1					T__		136.7		---	ML	1.9 5565422	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.54	240.0	Lg	22:58:25.662	-0.4					T__				---		5565423	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
A263A	0.65	45.1	Pg	22:58:20.101	-0.2					T__		158.6		---	ML	2.1 5565424	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
A262A	0.69	353.4	Sn	22:58:31.467	-1.5					T__				---		5565425	FDSN	Z3	00	BUD	iLoc	HHE	???	_
A265A	0.84	72.6	Sn	22:58:36.430	-0.1					T__				---		5565417	FDSN	Z3	00	BUD	iLoc	HHE	???	_

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A273A 0.86 107.5 Sn      22:58:40.582  3.6      T__
CRES  0.90 247.2 Pn      22:58:24.996 -0.5      T__      125.1    --- ML    2.1 5565420  FDSN SL    -- BUD  iLoc  HHN ??? _
CRES  0.90 247.2 Sn      22:58:38.903  0.1      T__      ---      ---      5565421  FDSN SL    -- BUD  iLoc  BHZ BHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
A011B 1.31 339.3 Lg      22:58:48.725 -0.4      T__      ---      ---      5565418  FDSN Z3    00 BUD  iLoc  HHZ ??? _
ARSA  1.32 324.7 Lg      22:58:49.139  0.0      T__      ---      ---      5565419  FDSN OE    -- 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
2020/10/29 10:01:14.12  1.06  0.63  48.2328  21.2239  6.1  4.3 158  0.0f      12  7 106  0.06  1.76  sx BUD      16002590  BUD      155

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Magnitude Err Nsta Author      OrigID
ML      2.0 0.1  6 BUD      16002590

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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 0.06  9.5 Pg      10:01:15.904 -0.1      T__      16849.3  --- ML    2.7 5565480  FDSN HU    -- BUD  iLoc  HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
HU02A 0.48 257.0 Pg      10:01:24.139 -0.2      T__      75.2    --- ML    1.5 5565481  FDSN ZJ    00 BUD  iLoc  HHZ HHZ _
HU02A 0.48 257.0 Lg      10:01:32.046 -0.1      T__      ---      ---      5565482  FDSN ZJ    00 BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
JOS  0.53 300.2 Pg      10:01:25.093  0.4      T__      88.1    --- ML    1.7 5565483  FDSN ZJ    -- BUD  iLoc  HHZ HHZ _
JOS  0.53 300.2 Lg      10:01:32.136 -0.7      T__      ---      ---      5565484  FDSN ZJ    -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.55 297.2 Pg      10:01:25.770  0.5      T__      152.3   --- ML    2.0 5565485  FDSN SK    -- BUD  iLoc  EHE EHZ _
KECS 0.55 297.2 Lg      10:01:34.043  0.3      T__      ---      ---      5565486  FDSN SK    -- BUD  iLoc  EHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TRPA 0.89 96.2 Pg      10:01:31.722  0.3      T__      119.8   --- ML    2.1 5565490  FDSN HU    -- BUD  iLoc  HHZ HHZ _
TRPA 0.89 96.2 Lg      10:01:45.347 -0.6      T__      ---      ---      5565491  FDSN HU    -- BUD  iLoc  HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
PSZ  0.95 251.1 Pn      10:01:34.233  0.6      T__      92.9    --- ML    2.0 5565487  FDSN GE    -- BUD  iLoc  HHZ HHZ _
PSZ  0.95 251.1 Lg      10:01:47.532 -0.7      T__      ---      ---      5565488  FDSN GE    -- BUD  iLoc  HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
DRGR 1.76 144.5 Sn      10:02:08.019 -1.1      T__      ---      ---      5565489  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
2020/10/29 10:09:28.54  1.60  1.57  48.7344  21.2481  12.4  7.4 162  0.0f      8  6 189  0.44  1.22  sx BUD      16002592  BUD      296

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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
ABAH 0.44 180.7 Lg      10:09:44.768 -0.3      T__      98.1    ---      ---      5565525  FDSN HU    -- BUD  iLoc  HHE ??? _
JOS  0.53 243.3 Pg      10:09:40.321  1.2      T__      --- ML    1.8 5565521  FDSN ZJ    -- BUD  iLoc  HHZ HHZ _
JOS  0.53 243.3 Lg      10:09:45.392 -1.7      T__      ---      ---      5565522  FDSN ZJ    -- BUD  iLoc  HHE ??? _
KECS 0.57 243.9 Lg      10:09:46.186 -2.2      T__      ---      ---      5565520  FDSN SK    -- BUD  iLoc  EHE ??? _

```

KOLS	0.71	73.2	Lg	10:09:52.104	-1.5	T__								5565527	FDSN	SK	--	BUD	iLoc	HHE	???	_			
HU02A	0.78	218.4	Pg	10:09:44.547	-0.1	T__	86.1							---	ML	1.9	5565523	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	218.4	Lg	10:09:57.583	0.9	T__								---			5565524	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
PSZ	1.22	228.4	Sn	10:10:10.768	0.1	T__								---			5565526	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
2020/10/29	10:35:18.75	1.21	1.51	48.7373	20.7802	6.3	5.2	27	0.0f		11	7	169	0.29	1.31	sx	BUD	16002594	BUD			245

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD	16002594

Sta	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	213.6	Pg	10:35:25.372	0.7					T__		230.7			---	ML	1.5	5565589	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.29	213.6	Lg	10:35:29.227	-0.0					T__					---		5565590	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
KECS	0.32	217.7	Pg	10:35:25.910	0.6					T__		631.7			---	ML	2.0	5565591	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.32	217.7	Lg	10:35:30.059	-0.3					T__					---		5565592	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
ABAH	0.54	145.1	Pg	10:35:30.488	0.9					T__		114.0			---	ML	1.8	5565596	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.54	145.1	Lg	10:35:37.640	-1.0					T__					---		5565593	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
HU02A	0.64	195.5	Lg	10:35:39.254	-2.8					T__					---		5565594	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
NIE	0.75	335.3	Lg	10:35:41.943	-1.7					T__					---		5565597	FDSN	PL	--	BUD	iLoc	BHE	???	_	
PSZ	1.01	216.1	Lg	10:35:53.033	-1.9					T__					---		5565595	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.31	260.0	Pg	10:35:45.393	0.3					T__		26.3			---	ML	1.6	5565598	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	260.0	Lg	10:36:04.820	0.9					T__					---		5565599	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
2020/10/29	11:00:42.37	1.31	0.72	48.1105	16.9997	11.7	4.7	150	0.0f		9	5	191	0.11	1.32	sx	BUD	16002596	BUD			218

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	2 BUD	16002596

Sta	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	38.8	Pg	11:00:45.663	0.5					T__					---		5565627	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.11	38.8	Lg	11:00:47.610	-0.1					T__					---		5565628	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.32	35.1	Pg	11:00:49.335	-0.1					T__					---		5565625	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.32	35.1	Lg	11:00:54.243	-0.8					T__					---		5565626	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
CONA	0.79	257.0	Pg	11:00:57.906	-0.0					T__		95.0			---	ML	1.9	5565629	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.79	257.0	Lg	11:01:07.811	-0.4					T__					---		5565630	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
KRUC	1.03	337.4	Pg	11:01:03.306	1.1					T__		83.8			---	ML	2.0	5565632	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.03	337.4	Lg	11:01:16.650	-0.8					T__					---		5565631	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																										

(Station ML: 2.0 magdef=1
 ARSA 1.32 229.8 Sn 11:01:26.282 0.4 T__ --- 5565633 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
2020/10/29	11:47:29.98	1.06	0.31	48.3317	19.8582	6.2	4.6	147	0.0f	8	6	146	0.41	0.92	sx	BUD	16002598	BUD			253	

Magnitude Err Nsta Author OrigID
 ML 1.8 0.1 3 BUD 16002598

Sta	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	176.6	Pg	11:47:39.287	0.2					T__		115.8		---	ML	1.5	5565655	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.41	176.6	Lg	11:47:45.796	-0.1					T__				---		5565656	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
KECS	0.44	69.8	Pg	11:47:39.348	0.3					T__		191.5		---	ML	1.8	5565658	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.44	69.8	Lg	11:47:45.802	-0.1					T__				---		5565659	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
JOS	0.48	69.9	Pg	11:47:39.665	-0.0					T__		129.0		---	ML	1.8	5565661	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
HU02A	0.49	114.9	Lg	11:47:47.979	-0.4					T__				---		5565660	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.70	283.8	Lg	11:47:54.248	-0.3					T__				---		5565657	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.92	91.7	Lg	11:48:02.423	-0.2					T__				---		5565662	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	
2020/10/30	07:37:44.81	0.85	1.03	48.4376	18.6366	5.3	3.8	172	5.4	11.3	15	11	75	0.14	1.52	sx	BUD	16002600	BUD			137	

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 7 BUD 16002600

Sta	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	0.14	66.9	Pg	07:37:48.126	0.1					T__		152.5		---	ML	0.9	5565716	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.14	66.9	Lg	07:37:50.700	0.2					T__				---		5565717	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0)																									
A338A	0.46	204.3	Lg	07:38:00.846	-1.0					T__				---		5565722	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
A331A	0.76	339.1	Pn	07:38:02.819	1.4					T__		105.7		---	ML	1.9	5565721	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
JAVC	0.77	303.7	Pg	07:37:59.562	-0.8					T__		95.3		---	ML	1.9	5565723	FDSN	CZ	--	BUD	iLoc	HHN	HHZ	_
JAVC	0.77	303.7	Lg	07:38:12.060	0.1					T__				---		5565724	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
HU03A	0.84	129.3	Lg	07:38:13.312	-1.0					T__				---		5565725	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
LANS	0.90	37.3	Pg	07:38:02.776	0.2					T__		140.5		---	ML	2.1	5565718	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																									
MODS	0.91	266.5	Pg	07:38:04.012	1.0					T__				---		5565726	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.91	266.5	Lg	07:38:16.568	0.0					T__				---		5565727	FDSN	SK	--	BUD	iLoc	HHN	???	_	

PSZ	0.99	121.2	Pn	07:38:05.660	1.2	T__	58.2	___	ML	1.8	5565728	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KECS	1.23	87.2	Pn	07:38:09.064	1.5	T__	99.5	___	ML	2.2	5565729	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
JOS	1.27	86.7	Pn	07:38:09.064	1.0	T__	46.0	___	ML	1.9	5565719	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.27	86.7	Sn	07:38:26.454	-0.1	T__		---			5565720	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
MORC	1.52	332.2	Lg	07:38:33.251	-1.2	T__		---			5565730	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
2020/10/30	07:41:26.73	1.84	0.65	48.1050	21.3498	11.5	7.7	159	0.0f		8	6	171	0.20	0.99	sx	BUD	16002602	BUD		280	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.6	3 BUD	16002602

Sta	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	0.20	339.0	Pg	07:41:31.617	0.3					T__		136.4		___	ML	1.0	5565762	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.20	339.0	Lg	07:41:34.736	-0.6					T__				---		5565763	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU02A	0.55	272.1	Lg	07:41:47.324	0.0					T__				---		5565764	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.67	306.2	Pg	07:41:40.354	0.3					T__		43.5		___	ML	1.5	5565765	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	306.2	Lg	07:41:49.766	-0.5					T__				---		5565767	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.69	303.6	Pg	07:41:40.838	0.3					T__		114.2		___	ML	1.9	5565766	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
TRPA	0.80	87.7	Lg	07:41:55.142	-0.7					T__				---		5565769	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
PSZ	0.99	259.7	Lg	07:42:01.712	-0.9					T__				---		5565768	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
2020/10/30	08:50:36.50	2.48	1.84	46.9655	22.3457	21.2	8.6	167	5.0	18.8	8	5	151	0.31	1.81	sx	BUD	16002604	BUD		270	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	4 BUD	16002604

Sta	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	124.6	Pg	08:50:42.974	0.1					T__		244.2		___	ML	1.5	5565794	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.31	124.6	Lg	08:50:47.731	-0.4					T__				---		5565795	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
SIRR	0.84	214.4	Pg	08:50:53.571	0.1					T__		41.0		___	ML	1.6	5565796	FDSN	RO	--	BUD	iLoc	HHE	HHZ	_
SIRR	0.84	214.4	Lg	08:51:04.712	-0.6					T__				---		5565797	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
TRPA	1.17	6.3	Pn	08:50:57.952	-0.5					T__		101.5		___	ML	2.2	5565800	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

```

(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BZS 1.44 200.8 Pn 08:51:02.381 0.1 T__ 48.8 ___ ML 2.0 5565798 FDSN R0 -- BUD iLoc HHZ HHZ _
BZS 1.44 200.8 Sn 08:51:21.718 -0.1 T__ ___ 5565799 FDSN R0 -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
LOT 1.81 146.4 Sn 08:51:35.484 3.6 T__ ___ 5565801 FDSN R0 -- 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
2020/10/30 09:57:39.62 0.94 1.95 46.9493 17.3108 5.7 3.7 151 0.0f 11 9 90 0.11 1.18 sx BUD 16002606 BUD 125

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```

Magnitude Err Nsta Author OrigID
ML 2.0 0.6 3 BUD 16002606

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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 0.11 271.4 Pg 09:57:41.445 -1.1 T__ 19418.3 ___ ML 2.9 5565868 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.11 271.4 Lg 09:57:47.377 2.4 T__ ___ 5565869 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
MPLH 0.27 35.2 Pg 09:57:45.309 -0.4 T__ 370.6 ___ ML 1.6 5565871 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.27 35.2 Lg 09:57:46.884 -3.6 T__ ___ 5565872 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A263A 0.31 179.5 Lg 09:57:51.030 -0.2 T__ ___ 5565870 FDSN Z3 00 BUD iLoc HHE ??? _
TIH 0.40 96.8 Lg 09:57:56.305 1.7 T__ ___ 5565878 FDSN HU -- BUD iLoc HHZ ??? _
EGYH 0.47 1.7 Lg 09:57:58.238 1.2 T__ ___ 5565877 FDSN HU -- BUD iLoc HHZ ??? _
HU08A 0.64 40.7 Pg 09:57:53.792 1.1 T__ 143.7 ___ ML 2.0 5565873 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOGS 0.89 235.9 Lg 09:58:10.112 1.5 T__ ___ 5565874 FDSN SL -- BUD iLoc BHE ??? _
KOVH 1.02 147.4 Lg 09:58:13.021 -1.5 T__ ___ 5565875 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.18 128.1 Sn 09:58:19.829 0.5 T__ ___ 5565876 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
2020/11/02 07:32:19.47 1.00 1.50 46.0112 22.8025 7.0 4.2 50 0.0f 9 5 133 0.15 0.92 sx BUD 16002610 BUD 201

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 4 BUD 16002610

```

```

Sta 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 0.15 151.2 Pg 07:32:22.137 -0.1 T__ 1233.5 ___ ML 1.8 5565996 FDSN R0 -- BUD iLoc HHZ HHZ _
DEV 0.15 151.2 Lg 07:32:24.941 0.6 T__ ___ 5565997 FDSN R0 -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
DRGR 0.78 355.4 Pg 07:32:36.172 0.9 T__ 63.4 ___ ML 1.7 5565994 FDSN R0 -- BUD iLoc HHZ HHZ _
DRGR 0.78 355.4 Lg 07:32:44.137 -3.2 T__ ___ 5565995 FDSN R0 -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
SIRR 0.83 288.3 Pg 07:32:36.153 -0.4 T__ 61.1 ___ ML 1.8 5566000 FDSN R0 -- BUD iLoc HHZ HHZ _
SIRR 0.83 288.3 Lg 07:32:48.056 -0.6 T__ ___ 5566001 FDSN R0 -- BUD iLoc HHN ??? _

```

(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 LOT 0.88 129.4 Lg 07:32:48.250 -1.0 T__
 BZS 0.92 245.0 Pg 07:32:38.067 0.7 T__ 37.9 --- ML 1.6 5565998 FDSN RO -- BUD iLoc HHZ HHZ _
 BZS 0.92 245.0 Lg 07:32:50.489 0.1 T__ --- 5565999 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
2020/11/02	09:23:36.16	1.04	1.06	45.9964	22.7565	8.3	4.3	42	0.0f	6	4	140	0.15	0.88	sx	BUD	16002612	BUD			247	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	16002612

Sta	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	0.15	137.8	Pg	09:23:38.503	-0.6					T__		1066.2		---	ML	1.8 5566027	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.15	137.8	Lg	09:23:42.242	1.0					T__				---		5566028	FDSN	RO	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																								
DRGR	0.80	357.8	Pg	09:23:52.461	0.3					T__		53.4		---	ML	1.7 5566031	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								
SIRR	0.81	290.0	Pg	09:23:51.923	-0.8					T__		35.8		---	ML	1.5 5566029	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.81	290.0	Lg	09:24:03.782	-0.7					T__				---		5566030	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																								
BZS	0.88	244.9	Pg	09:23:54.299	0.9					T__		38.2		---	ML	1.6 5566032	FDSN	RO	--	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
2020/11/02	10:10:34.20	1.59	0.48	48.5429	20.7671	11.8	4.0	9	0.0f	9	5	235	0.16	0.85	sx	BUD	16002614	BUD			308	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	16002614

Sta	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	252.8	Pg	10:10:37.455	-0.1					T__		189.9		---	ML	1.0 5566060	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	252.8	Lg	10:10:41.124	0.8					T__				---		5566061	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																								
KECS	0.20	252.4	Pg	10:10:37.864	-0.5					T__		915.3		---	ML	1.8 5566062	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	252.4	Lg	10:10:42.078	0.5					T__				---		5566063	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																								
ABAH	0.40	127.9	Pg	10:10:42.302	-0.1					T__		103.0		---	ML	1.4 5566064	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	127.9	Lg	10:10:49.780	0.4					T__				---		5566065	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																								
HU02A	0.45	201.1	Pg	10:10:43.595	-0.2					T__		64.9		---	ML	1.4 5566066	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU02A 0.45 201.1 Lg 10:10:51.163 0.0 T__ --- 5566067 FDSN ZJ 00 BUD iLoc HHN ??? _
 (Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=1
 PSZ 0.85 223.4 Lg 10:11:05.007 -0.1 T__ --- 5566068 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
2020/11/02	10:12:46.12	1.00	0.69	48.2382	19.8581	5.8	3.8	132	0.0f	10	6	128	0.32	0.73	sx	BUD	16002616	BUD			211	

Magnitude Err Nsta Author OrigID
 ML 1.5 0.2 4 BUD 16002616

Sta	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	0.32	175.6	Pg	10:12:53.590	0.2					T__		184.2		---	ML	1.5	5566102	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	175.6	Lg	10:12:58.047	-0.8					T__				---		5566103	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
HU03A	0.38	207.5	Lg	10:13:01.007	0.8					T__				---		5566106	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU02A	0.46	104.3	Pg	10:12:55.754	-0.2					T__		67.3		---	ML	1.4	5566104	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	104.3	Lg	10:13:02.702	-0.8					T__				---		5566105	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
KECS	0.49	59.4	Pg	10:12:56.420	0.5					T__		156.6		---	ML	1.8	5566098	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.49	59.4	Lg	10:13:03.784	0.4					T__				---		5566099	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
JOS	0.52	60.2	Pg	10:12:56.718	0.1					T__		75.3		---	ML	1.6	5566100	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	60.2	Lg	10:13:04.783	0.1					T__				---		5566101	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
VYHS	0.73	291.0	Lg	10:13:10.699	-0.9					T__				---		5566097	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	
2020/11/02	10:54:24.15	0.25	1.65	47.9222	19.4249	5.1	2.4	169	0.0	0.0	17	0	136	0.12	1.51	kx	BUD	16002618	BUD				
2020/11/02	10:54:21.86	0.85	1.33	47.8920	19.4049f				0.0f		17	10	150	0.13	1.50	kx	BUD_GT	16002619	BUD			160	

(locality : Bercel Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 7 BUD 16002619

Sta	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	10:54:24.965	-0.1					T__		1982.0		---	ML	2.0	5566152	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU03A	0.13	84.8	Lg	10:54:26.233	-1.4					T__				---		5566153	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
HU10A	0.26	259.9	Pg	10:54:27.464	-0.2					T__		921.1		---	ML	2.0	5566145	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.26	259.9	Lg	10:54:33.009	0.6					T__				---		5566146	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									

PSZ	0.33	85.2	Pg	10:54:28.783	-0.6	T__	233.1	---	ML	1.6	5566149	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.33	85.2	Lg	10:54:34.494	-0.6	T__		---			5566150	FDSN	GE	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
VYHS	0.71	327.9	Pg	10:54:37.619	1.2	T__	34.9	---	ML	1.4	5566147	FDSN	SK	--	iLoc	BUD	HHZ	HHZ	_
VYHS	0.71	327.9	Lg	10:54:45.789	-1.2	T__		---			5566148	FDSN	SK	--	iLoc	BUD	HHE	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
HU02A	0.79	72.6	Pg	10:54:36.129	-2.1	T__	80.3	---	ML	1.8	5566154	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.79	72.6	Lg	10:54:52.495	1.9	T__		---			5566155	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
CSKK	0.94	236.1	Lg	10:54:57.980	2.2	T__		---			5566151	FDSN	HU	--	iLoc	BUD	HHN	???	_
JOS	0.97	51.1	Pg	10:54:41.581	0.4	T__	67.0	---	ML	1.9	5566156	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.97	51.1	Lg	10:54:54.899	-1.4	T__		---			5566157	FDSN	ZJ	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
HU08A	1.10	245.8	Pn	10:54:44.926	1.4	T__	124.5	---	ML	2.2	5566158	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU08A	1.10	245.8	Sn	10:55:00.857	0.3	T__		---			5566159	FDSN	ZJ	00	iLoc	BUD	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
ABAH	1.29	71.1	Sn	10:55:06.782	1.7	T__		---			5566160	FDSN	HU	--	iLoc	BUD	HHE	???	_
MODS	1.50	289.5	Sn	10:55:12.442	1.4	T__		---			5566161	FDSN	SK	--	iLoc	BUD	HHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/02	11:13:39.22	1.14	0.81	48.5785	20.9082	6.3	5.4	33	0.0f		12	9	93	0.26	1.18	sx	BUD	16002620	BUD		137	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	16002620

Sta	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	0.26	251.5	Pg	11:13:44.470	-0.1					T__	176.8			---	ML	1.3	5566199	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.26	251.5	Lg	11:13:49.285	0.6					T__				---		5566200	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
KECS	0.30	251.4	Pg	11:13:45.354	0.0					T__	312.3			---	ML	1.6	5566202	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.30	251.4	Lg	11:13:49.311	-0.7					T__				---		5566201	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.36	141.9	Lg	11:13:52.973	-0.0					T__				---		5566203	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.52	209.4	Pg	11:13:50.267	0.0					T__	56.4			---	ML	1.5	5566208	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
NIE	0.93	334.7	Lg	11:14:10.925	0.9					T__				---		5566209	FDSN	PL	--	BUD	iLoc	BHE	???	_	
PSZ	0.95	226.1	Pn	11:13:58.710	-0.1					T__	55.0			---	ML	1.8	5566204	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.95	226.1	Lg	11:14:13.924	0.7					T__				---		5566205	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
KOLS	0.97	68.0	Lg	11:14:14.052	1.0					T__				---		5566206	FDSN	SK	--	BUD	iLoc	HHN	???	_	
LANS	1.11	301.6	Pg	11:14:00.550	-0.6					T__	32.5			---	ML	1.6	5566210	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(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			
2020/11/02	13:31:31.64	1.01	1.16	46.6499	22.0644	5.0	4.5	111	9.2	9.0	40	21	48	0.47	2.41	ke	BUD	16002622	BUD		61				
Magnitude	Err	Nsta	Author	OrigID																					
ML	2.7	0.1	16	BUD	16002622																				
Sta	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	0.47	72.1	Pg	13:31:41.070	-0.2					T__		1474.1		---	ML	2.8	5566506	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.47	72.1	Lg	13:31:47.083	-1.4					T__				---		5566507	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.8 magdef=1)																					
				(Station ML: 2.8 magdef=1)																					
SIRR	0.47	216.3	Pg	13:31:41.464	0.0					T__		1061.9		---	ML	2.6	5566510	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.47	216.3	Lg	13:31:47.885	-0.5					T__				---		5566511	FDSN	RO	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.6 magdef=1)																					
				(Station ML: 2.6 magdef=1)																					
HU24A	0.67	293.0	Pg	13:31:45.946	0.4					T__		801.6		---	ML	2.8	5566508	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.67	293.0	Sn	13:31:56.479	-0.7					T__				---		5566509	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.8 magdef=1)																					
				(Station ML: 2.8 magdef=1)																					
LTVH	0.74	351.4	Pg	13:31:47.226	0.6					T__		395.3		---	ML	2.5	5566513	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
LTVH	0.74	351.4	Lg	13:31:57.173	0.1					T__				---		5566512	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.5 magdef=1)																					
				(Station ML: 2.5 magdef=1)																					
DEV	0.96	142.5	Pn	13:31:50.227	0.0					T__		1139.7		---	ML	3.1	5566514	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.96	142.5	Lg	13:32:03.225	0.5					T__				---		5566515	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 3.1 magdef=1)																					
				(Station ML: 3.1 magdef=0)																					
AMBH	0.97	252.5	Pg	13:31:50.437	-0.9					T__				---		5566545	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
AMBH	0.97	252.5	Lg	13:32:04.029	0.0					T__				---		5566542	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU06A	1.03	274.0	Pg	13:31:51.365	-1.3					T__		388.3		---	ML	2.7	5566543	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU06A	1.03	274.0	Lg	13:32:06.287	0.3					T__				---		5566544	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.7 magdef=1)																					
				(Station ML: 2.7 magdef=1)																					
CJR	1.06	86.0	Pn	13:31:51.946	0.3					T__		1813.8		---	ML	3.3	5566516	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	1.06	86.0	Sn	13:32:05.965	-1.4					T__				---		5566517	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 3.3 magdef=1)																					
				(Station ML: 3.3 magdef=0)																					
BZS	1.08	196.9	Pn	13:31:51.682	-0.1					T__		218.1		---	ML	2.4	5566518	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.08	196.9	Lg	13:32:05.794	-0.7					T__				---		5566519	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.4 magdef=1)																					
				(Station ML: 2.4 magdef=0)																					
HU05A	1.10	325.3	Lg	13:32:08.826	0.4					T__				---		5566520	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
GZR	1.35	158.2	Pn	13:31:56.441	0.5					T__		593.8		---	ML	3.0	5566521	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 3.0 magdef=1)																					
				(Station ML: 3.0 magdef=1)																					
BMR	1.42	43.1	Pg	13:31:58.677	-0.3					T__		667.7		---	ML	3.1	5566524	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BMR	1.42	43.1	Sn	13:32:17.373	1.4					T__				---		5566525	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 3.1 magdef=1)																					
				(Station ML: 3.1 magdef=0)																					
BANR	1.42	207.4	Lg	13:32:16.404	-0.9					T__				---		5566522	FDSN	RO	--	BUD	iLoc	HHE	???	_	

BANR	1.42	207.4	Sg	13:32:20.015	2.7	T__								5566523	FDSN	RO	--	BUD	iLoc	HHE	???	_
TRPA	1.52	12.1	Pg	13:31:59.885	-0.9	T__	100.4							5566527	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.52	12.1	Pb	13:32:01.409	0.6	T__								5566526	FDSN	HU	--	BUD	iLoc	HHZ	???	_
TRPA	1.52	12.1	Sn	13:32:19.850	1.7	T__								5566528	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=0)																						
ARCR	1.63	73.7	Sn	13:32:23.314	2.2	T__								5566529	FDSN	RO	--	BUD	iLoc	HHZ	???	_
LOT	1.69	134.7	Lg	13:32:25.767	-0.7	T__								5566530	FDSN	RO	--	BUD	iLoc	HHN	???	_
ABAH	1.74	341.5	Pg	13:32:04.010	-1.4	T__	156.4							5566531	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.74	341.5	Lg	13:32:26.856	-1.6	T__								5566532	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=1)																						
HU02A	1.81	325.2	Pn	13:32:01.737	-0.1	T__	91.8							5566533	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.81	325.2	Sn	13:32:22.982	-1.7	T__								5566534	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																						
(Station ML: 2.5 magdef=1)																						
PSZ	1.95	311.5	Pn	13:32:03.562	-0.3	T__	116.8							5566535	FDSN	GE	--	BUD	iLoc	HHN	HHZ	_
PSZ	1.95	311.5	Sn	13:32:25.998	-2.2	T__								5566536	FDSN	GE	--	BUD	iLoc	HHN	???	_
PSZ	1.95	311.5	Lg	13:32:34.117	-1.9	T__								5566541	FDSN	GE	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=1)																						
JOS	2.12	331.4	Pn	13:32:06.677	0.7	T__	83.8							5566537	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	2.12	331.4	Sn	13:32:31.315	-0.5	T__								5566538	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																						
(Station ML: 2.6 magdef=1)																						
MORH	2.41	260.8	Pn	13:32:09.337	-0.5	T__	39.3							5566539	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	2.41	260.8	Sn	13:32:37.382	-1.5	T__								5566540	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
2020/11/03	08:24:04.38	1.32	0.53	48.9974	19.3413	10.7	5.8	59	0.0f	7	6	143	0.17	1.41	sx	BUD	16002624	BUD			227	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
LANS	0.17	28.4	Pg	08:24:07.810	-0.1					T__		573.7			ML	1.5	5566595	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.17	28.4	Lg	08:24:10.631	0.1					T__						5566596	FDSN	SK	--	BUD	iLoc	EHE	???	_	
KECS	0.92	123.8	Lg	08:24:36.633	0.6					T__						5566597	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.94	121.9	Lg	08:24:36.915	0.1					T__						5566598	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
PSZ	1.14	161.0	Lg	08:24:44.359	-0.6					T__						5566600	FDSN	GE	--	BUD	iLoc	HHN	???	_	
HU02A	1.18	137.6	Lg	08:24:44.906	0.2					T__						5566599	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORC	1.41	304.3	Lg	08:24:50.679	0.6					T__						5566601	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
2020/11/03	10:20:57.70	0.96	1.46	47.3866	18.3526	5.3	3.3	130	0.0f	13	11	62	0.07	1.31	sx	BUD	16002626	BUD			108	

Magnitude Err Nsta Author OrigID

Sta	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	249.4	Pg	10:20:59.532	-0.2	T__	2686.1	---	ML	1.9	5566661	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	249.4	Lg	10:21:00.861	-0.9	T__		---			5566662	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU09A	0.25	4.6	Pg	10:21:03.740	0.5	T__	361.5	---	ML	1.6	5566673	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.25	4.6	Lg	10:21:07.648	-0.4	T__		---			5566663	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
HU08A	0.29	278.9	Lg	10:21:10.324	0.9	T__		---			5566664	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
A271A	0.40	125.1	Lg	10:21:12.455	-0.8	T__		---			5566665	FDSN	Z3	00	BUD	iLoc	HHE	???	_
MPLH	0.59	248.9	Lg	10:21:19.314	0.3	T__		---			5566665	FDSN	HU	--	BUD	iLoc	HHN	???	_
A266A	0.86	184.0	Lg	10:21:29.761	2.1	T__		---			5566667	FDSN	Z3	00	BUD	iLoc	HHE	???	_
VYHS	1.15	16.2	Lg	10:21:36.696	-1.2	T__		---			5566670	FDSN	SK	--	BUD	iLoc	HHE	???	_
PSZ	1.17	62.4	Sn	10:21:36.364	-2.2	T__		---			5566669	FDSN	GE	--	BUD	iLoc	HHE	???	_
MORH	1.19	170.2	Sn	10:21:35.467	-2.7	T__		---			5566668	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.22	324.2	Sn	10:21:39.911	0.0	T__		---			5566672	FDSN	SK	--	BUD	iLoc	HHE	???	_
KOVH	1.31	187.7	Sn	10:21:41.598	0.4	T__		---			5566671	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
2020/11/03	13:13:27.52	2.18	0.84	46.8130	17.3074	5.2	3.4	90	0.1	3.5	13	8	78	0.17	1.10	sx	BUD	16002630	BUD		143	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	16002630

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A263A	0.17	178.3	Pg	13:13:31.616	0.0					T__		1331.0		---	ML	1.9	5566773	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.17	178.3	Lg	13:13:34.536	-0.2					T__				---		5566774	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A261A	0.18	322.0	Pg	13:13:31.391	-0.3					T__		2580.4		---	ML	2.2	5566771	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.18	322.0	Lg	13:13:35.207	0.3					T__				---		5566772	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
MPLH	0.39	23.9	Pg	13:13:36.360	0.5					T__		151.0		---	ML	1.6	5566767	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.39	23.9	Lg	13:13:40.893	-1.4					T__				---		5566768	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU08A	0.75	34.0	Lg	13:13:55.414	0.6					T__				---		5566776	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOGS	0.81	243.8	Lg	13:13:55.169	0.9					T__				---		5566775	FDSN	SL	--	BUD	iLoc	BHN	???	_	
CSKK	0.85	49.5	Pg	13:13:44.735	0.0					T__		105.6		---	ML	2.0	5566769	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.85	49.5	Lg	13:13:59.001	0.2					T__				---		5566770	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KOVH	0.91	142.6	Pg	13:13:45.542	-0.4					T__		89.2		---	ML	2.0	5566777	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MORH	1.10	122.5	Pn	13:13:49.206	0.3					T__		50.0		---	ML	1.8	5566778	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.10	122.5	Sn	13:14:03.702	-1.5					T__				---		5566779	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
2020/11/04	08:52:07.98	3.14	0.76	48.0995	20.6107	21.1	6.0	131	0.0f	6	4	256		0.06	0.51	sx	BUD	16002632	BUD		298	


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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.32 255.5 Pg 10:33:43.683 0.2 T__ 276.4 ___ ML 1.6 5566874 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.32 255.5 Lg 10:33:48.126 -0.4 T__ ___ 5566875 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.33 144.3 Lg 10:33:48.647 -1.1 T__ ___ 5566878 FDSN HU -- BUD iLoc HHE ??? _
HU02A 0.53 212.9 Pg 10:33:49.253 1.2 T__ ___ ML 1.8 5566876 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.53 212.9 Lg 10:33:54.869 -1.6 T__ ___ 5566877 FDSN ZJ 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
2020/11/05 08:04:21.08 0.38 0.84 48.2606 21.2199 5.8 3.1 160 0.0 0.0 12 0 151 0.04 0.97 kx BUD 16002640 BUD
2020/11/05 08:04:18.96 0.93 0.72 48.2470 21.2460f 0.0f 12 7 153 0.05 0.97 kx BUD_GT 16002641 BUD 206
(locality : Tallya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 5 BUD 16002641

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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 0.05 355.1 Pg 08:04:20.728 0.2 T__ 5716.3 ___ ML 2.2 5567015 FDSN HU -- iLoc BUD HHZ HHZ _
ABAH 0.05 355.1 Lg 08:04:21.381 -0.7 T__ ___ 5567016 FDSN HU -- iLoc BUD HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
HU02A 0.50 255.8 Pg 08:04:29.590 0.1 T__ 98.2 ___ ML 1.7 5567017 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU02A 0.50 255.8 Lg 08:04:36.876 -0.7 T__ ___ 5567018 FDSN ZJ 00 iLoc BUD HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
JOS 0.53 298.1 Pg 08:04:30.224 0.6 T__ 93.6 ___ ML 1.8 5567019 FDSN ZJ -- iLoc BUD HHZ HHZ _
JOS 0.53 298.1 Lg 08:04:37.299 -0.6 T__ ___ 5567020 FDSN ZJ -- iLoc BUD HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.56 295.3 Pg 08:04:30.576 0.3 T__ 131.4 ___ ML 1.9 5567021 FDSN SK -- iLoc BUD EHE EHZ _
KECS 0.56 295.3 Lg 08:04:38.938 0.2 T__ ___ 5567022 FDSN SK -- iLoc BUD EHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
TRPA 0.87 97.2 Lg 08:04:49.642 -0.8 T__ ___ 5567023 FDSN HU -- iLoc BUD HHN ??? _
PSZ 0.96 250.6 Pn 08:04:39.699 0.9 T__ 91.8 ___ ML 2.0 5567025 FDSN GE -- iLoc BUD HHZ HHZ _
PSZ 0.96 250.6 Lg 08:04:52.626 -1.1 T__ ___ 5567026 FDSN GE -- iLoc BUD HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOLS 0.97 44.4 Lg 08:04:54.279 1.0 T__ ___ 5567024 FDSN SK -- iLoc BUD HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/11/05 09:28:11.64 0.51 0.85 46.0761 18.1153 6.4 4.4 155 0.0 0.0 6 0 163 0.02 0.46 kx BUD 16002642 BUD
2020/11/05 09:28:09.12 0.99 0.85 46.1204 18.0243f 0.0f 6 4 166 0.06 0.44 kx BUD_GT 16002643 BUD 260
(locality : Bükkösd Hungary)

```

(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.3 0.2 2 BUD 16002643

Sta	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	09:28:10.866	-0.2					T__		906.8		---	ML	1.4	5567051	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	09:28:12.245	-0.6					T__				---		5567052	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A273A	0.25	215.5	Lg	09:28:20.035	1.5					T__				---		5567054	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
A266A	0.44	22.3	Lg	09:28:26.233	0.8					T__				---		5567055	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
MORH	0.44	77.4	Pg	09:28:18.239	-0.1					T__		38.7		---	ML	1.1	5567053	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.44	77.4	Lg	09:28:24.885	-0.6					T__				---		5567056	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(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
2020/11/05	09:37:10.35	0.95	1.05	47.8819	19.1382	7.6	3.6	160	0.0f		10	7	143	0.09	1.12	sx	BUD	16002644	BUD			170

Magnitude Err Nsta Author OrigID
ML 2.0 0.0 3 BUD 16002644

Sta	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	245.5	Pg	09:37:12.487	-0.2					T__		2147.5		---	ML	1.9	5567080	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.09	245.5	Lg	09:37:14.139	-0.6					T__				---		5567081	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	0.31	85.8	Lg	09:37:23.328	1.0					T__				---		5567082	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.51	85.6	Lg	09:37:29.398	-0.3					T__				---		5567083	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	0.65	341.9	Lg	09:37:33.624	0.4					T__				---		5567084	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CSKK	0.79	229.2	Lg	09:37:40.320	1.2					T__				---		5567085	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HU02A	0.96	75.0	Pn	09:37:31.133	1.0					T__		109.4		---	ML	2.1	5567086	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.96	75.0	Lg	09:37:44.247	-1.2					T__				---		5567087	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
JOS	1.12	56.2	Pn	09:37:33.393	1.2					T__		83.9		---	ML	2.0	5567088	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.12	56.2	Sn	09:37:48.735	-0.7					T__				---		5567089	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
2020/11/05	10:37:03.31	0.88	0.35	48.4054	19.1366	5.2	3.5	21	0.0f		12	7	148	0.22	1.07	sx	BUD	16002646	BUD			160

Magnitude Err Nsta Author OrigID
ML 2.0 0.0 6 BUD 16002646

Sta	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	294.0	Pg	10:37:07.998	0.0					T__		116.9		---	ML	1.0	5567124	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

```

VYHS 0.22 294.0 Lg 10:37:11.084 -0.5 T__ --- 5567125 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
HU10A 0.57 188.1 Pg 10:37:15.328 0.3 T__ 157.7 --- ML 2.0 5567129 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.57 188.1 Lg 10:37:23.933 -0.3 T__ --- 5567128 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.70 133.6 Lg 10:37:28.799 -0.3 T__ --- 5567130 FDSN GE -- BUD iLoc HHE ??? _
KECS 0.90 84.5 Pg 10:37:21.323 0.1 T__ 113.6 --- ML 2.1 5567120 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.90 84.5 Lg 10:37:34.538 -0.2 T__ --- 5567121 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 0.94 83.9 Pg 10:37:22.120 0.2 T__ 94.8 --- ML 2.0 5567122 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.94 83.9 Lg 10:37:35.896 -0.0 T__ --- 5567123 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 0.97 106.5 Pn 10:37:23.269 0.0 T__ 87.6 --- ML 2.0 5567126 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.97 106.5 Lg 10:37:37.509 -0.5 T__ --- 5567127 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JAVC 1.07 295.6 Pg 10:37:25.709 0.6 T__ 164.2 --- ML 2.3 5567131 FDSN CZ -- BUD iLoc HHZ HHZ _
(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
2020/11/05 10:54:14.27 2.96 0.87 48.8256 21.0574 22.3 8.6 88 0.0f 8 5 246 0.48 1.19 sx BUD 16002648 BUD 338

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 3 BUD 16002648

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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 0.48 226.3 Pg 10:54:23.475 -0.3 T__ 106.5 --- ML 1.7 5567163 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.48 226.3 Lg 10:54:31.427 0.4 T__ --- 5567164 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.51 228.1 Pg 10:54:24.064 -0.5 T__ 122.9 --- ML 1.8 5567161 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.51 228.1 Lg 10:54:32.298 0.0 T__ --- 5567162 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.77 320.3 Lg 10:54:40.539 0.6 T__ --- 5567168 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.79 206.9 Pg 10:54:30.445 -0.1 T__ 92.0 --- ML 1.9 5567166 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.79 206.9 Lg 10:54:43.715 1.0 T__ --- 5567165 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 1.19 220.9 Sn 10:54:57.173 1.4 T__ --- 5567167 FDSN GE -- 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
2020/11/06 08:41:16.75 0.39 1.02 46.1208 18.0300 4.9 4.0 116 0.0 0.0 8 0 126 0.06 1.10 kx BUD 16002652 BUD
2020/11/06 08:41:15.16 0.96 0.91 46.1204 18.0243f 0.0f 8 5 127 0.06 1.10 kx BUD_GT 16002653 BUD 221
(locality : Bükkösd Hungary)

```

(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 3 BUD 16002653

Sta	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	08:41:16.897	-0.2					T__		1127.4		___	ML	1.5	5567267	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	08:41:18.312	-0.6					T__				---		5567268	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A273A	0.25	215.5	Pg	08:41:21.014	0.3					T__		360.7		___	ML	1.6	5567269	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
A273A	0.25	215.5	Lg	08:41:25.752	1.1					T__				---		5567270	FDSN	Z3	00	iLoc	BUD	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A266A	0.44	22.3	Lg	08:41:31.973	0.5					T__				---		5567273	FDSN	Z3	00	iLoc	BUD	HHN	???	_	
MORH	0.44	77.4	Pg	08:41:24.132	-0.3					T__		43.7		---	ML	1.2	5567271	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.44	77.4	Lg	08:41:31.079	-0.5					T__				---		5567272	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MPLH	1.10	342.5	Sn	08:41:51.331	-1.9					T__				---		5567274	FDSN	HU	--	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/06	10:08:57.11	1.90	0.71	48.5609	20.8218	15.7	4.1	10	0.0f		8	5	242	0.20	0.89	sx	BUD	16002654	BUD		313	

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 4 BUD 16002654

Sta	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	251.0	Pg	10:09:01.290	0.0					T__		158.4		___	ML	1.1	5567299	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	251.0	Lg	10:09:04.946	0.4					T__				---		5567300	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.24	250.9	Pg	10:09:01.757	-0.3					T__		256.9		___	ML	1.4	5567301	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.24	250.9	Lg	10:09:06.162	0.3					T__				---		5567302	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.38	133.4	Pg	10:09:05.445	0.4					T__		80.7		___	ML	1.3	5567303	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	133.4	Lg	10:09:10.363	-1.4					T__				---		5567304	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.48	204.4	Pg	10:09:07.464	0.2					T__		68.7		___	ML	1.5	5567305	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	0.89	224.3	Lg	10:09:29.197	-0.1					T__				---		5567306	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	
2020/11/06	10:31:59.04	0.32	1.35	47.5669	18.4113	5.2	3.1	118	0.0	0.0	10	0	103	0.07	1.36	kx	BUD	16002658	BUD				
2020/11/06	10:31:56.68	0.91	1.05	47.5600	18.4573f				0.0f		10	7	105	0.09	1.35	kx	BUD_GT	16002659	BUD			145	

(locality : Tatabánya Hungary)

(description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.5 0.3 3 BUD 16002659

Sta	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	10:31:59.278	0.2					T__		1904.7		---	ML	1.8	5567399	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	10:32:00.002	-1.5					T__				---		5567400	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CSKK	0.24	214.2	Pg	10:32:00.808	-1.2					T__		207.3		---	ML	1.3	5567401	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	10:32:06.020	-0.6					T__				---		5567402	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU08A	0.38	250.6	Lg	10:32:12.735	1.3					T__				---		5567404	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
HU10A	0.47	52.8	Lg	10:32:15.049	0.4					T__				---		5567403	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
VYHS	0.97	15.1	Pg	10:32:18.141	1.8					T__		27.4		---	ML	1.5	5567405	FDSN	SK	--	iLoc	BUD	HHZ	HHZ	_
VYHS	0.97	15.1	Lg	10:32:30.742	0.2					T__				---		5567406	FDSN	SK	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	1.03	69.2	Lg	10:32:34.323	0.3					T__				---		5567407	FDSN	GE	--	iLoc	BUD	HHE	???	_	
MORH	1.35	174.5	Sn	10:32:42.172	1.0					T__				---		5567408	FDSN	HU	--	iLoc	BUD	HHZ	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2020/11/06 11:00:40.82 1.05 0.60 48.1542 16.9497 10.4 3.8 158 0.0f 9 5 185 0.11 1.04 sx BUD 16002660 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	
ZST	0.11	67.6	Pg	11:00:44.074	0.4					T__				---		5567434	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.11	67.6	Lg	11:00:45.983	-0.1					T__				---		5567435	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.31	44.8	Pg	11:00:47.603	-0.0					T__				---		5567432	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.31	44.8	Lg	11:00:51.957	-1.1					T__				---		5567433	FDSN	SK	--	BUD	iLoc	HHE	???	_	
CONA	0.76	253.2	Pg	11:00:55.574	-0.4					T__		86.4		---	ML	1.9	5567438	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.76	253.2	Lg	11:01:05.768	-0.2					T__				---		5567437	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	0.98	338.2	Lg	11:01:14.681	0.5					T__				---		5567436	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
A013A	1.04	265.6	Pg	11:01:01.172	0.3					T__		83.9		---	ML	2.0	5567440	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	1.04	265.6	Lg	11:01:14.574	0.3					T__				---		5567439	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
 2020/11/06 14:21:16.83 2.98 0.70 48.8727 20.9129 32.2 8.3 148 0.0f 8 6 229 0.45 1.17 sx BUD 16002664 BUD 303

Magnitude Err Nsta Author OrigID
 ML 1.6 0.3 3 BUD 16002664

Sta	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	213.4	Pg	14:21:25.752	-0.1					T__		62.1		---	ML	1.3	5567542	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.45	213.4	Lg	14:21:33.269	0.5					T__				---		5567543	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									

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(Station ML: 1.3 magdef=1
KECS 0.48 216.2 Lg 14:21:33.820 0.0 T__
ABAH 0.62 159.3 Pn 14:21:31.557 -1.3 T__ 107.3 --- ML 1.9 5567549 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 0.79 199.1 Pn 14:21:34.153 -0.1 T__ 49.8 --- ML 1.6 5567545 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.79 199.1 Lg 14:21:45.268 -0.2 T__ --- 5567546 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOLS 0.90 85.6 Lg 14:21:48.916 0.5 T__ --- 5567547 FDSN SK -- BUD iLoc HHE ??? _
PSZ 1.17 215.8 Lg 14:21:58.205 0.5 T__ --- 5567548 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
2020/11/08 19:34:25.99 4.18 0.03 47.6324 20.3715 11.6 7.5 92 14.0 17.4 6 3 248 0.02 0.08 ke BUD 16002670 BUD 310

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.0 3 BUD 16002670

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ATAN3 0.02 212.8 Pg 19:34:28.778 0.0 T__ 700.5 --- ML 1.2 5567719 FDSN HU -- BUD iLoc HHZ HHZ _
ATAN3 0.02 212.8 Lg 19:34:30.865 0.0 T__ --- 5567720 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
TENKA 0.03 324.1 Pg 19:34:28.819 0.0 T__ 712.7 --- ML 1.2 5567723 FDSN HU -- BUD iLoc HHZ HHZ _
TENKA 0.03 324.1 Lg 19:34:30.888 -0.0 T__ --- 5567724 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU23A 0.08 274.6 Pg 19:34:29.297 -0.0 T__ 121.7 --- ML 0.6 5567721 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.08 274.6 Lg 19:34:31.757 0.0 T__ --- 5567722 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
2020/11/09 09:16:00.32 1.06 0.78 46.0568 22.8303 8.9 4.5 78 0.0f 7 4 169 0.18 0.96 sx BUD 16002674 BUD 280

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.0 4 BUD 16002674

```

```

Sta 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 0.18 163.6 Pg 09:16:03.739 -0.0 T__ 1207.4 --- ML 1.9 5567789 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.18 163.6 Lg 09:16:06.531 0.2 T__ --- 5567790 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
GZR 0.66 183.3 Pg 09:16:13.087 0.0 T__ 106.7 --- ML 1.9 5567791 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
DRGR 0.74 353.6 Pg 09:16:15.582 0.4 T__ 91.4 --- ML 1.9 5567794 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.74 353.6 Lg 09:16:25.730 -1.5 T__ --- 5567795 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```



```

BZS 0.96 243.0 Pg 09:16:19.157 0.2 T__ 42.1 ___ ML 1.7 5567792 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.96 243.0 Lg 09:16:32.104 -0.3 T__ ___ 5567793 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
2020/11/09 10:05:03.19 0.91 0.85 48.9721 19.8259 5.5 3.5 41 0.0f 11 7 90 0.30 1.16 sx BUD 16002676 BUD 177

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.3 4 BUD 16002676

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
LANS 0.30 307.3 Pg 10:05:08.776 -0.4 T__ 169.8 ___ ML 1.4 5567829 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 0.30 307.3 Lg 10:05:12.682 -0.6 T__ ___ 5567830 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
NIE 0.54 34.7 Lg 10:05:22.856 1.5 T__ ___ 5567835 FDSN PL -- BUD iLoc BHE ??? _
KECS 0.66 138.0 Lg 10:05:25.742 -0.3 T__ ___ 5567831 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.67 135.0 Pg 10:05:16.716 0.2 T__ 53.3 ___ ML 1.6 5567825 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.67 135.0 Lg 10:05:26.294 -0.2 T__ ___ 5567826 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.81 234.2 Pg 10:05:20.113 0.6 T__ 15.1 ___ ML 1.1 5567832 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.81 234.2 Lg 10:05:31.987 0.7 T__ ___ 5567833 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.97 151.1 Pg 10:05:22.709 -0.3 T__ 50.8 ___ ML 1.7 5567827 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.97 151.1 Lg 10:05:35.848 -1.2 T__ ___ 5567828 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 1.16 125.3 Lg 10:05:41.906 -0.6 T__ ___ 5567834 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
2020/11/09 10:51:46.23 1.06 1.94 46.0215 22.8361 11.5 4.6 79 0.0f 7 4 167 0.15 0.94 sx BUD 16002678 BUD 276

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 16002678

```

```

Sta 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 0.15 161.2 Pg 10:51:48.873 -0.1 T__ 761.7 ___ ML 1.6 5567862 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.15 161.2 Lg 10:51:51.652 0.6 T__ ___ 5567863 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
GZR 0.63 183.8 Pg 10:51:58.222 -0.1 T__ 63.1 ___ ML 1.7 5567865 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.63 183.8 Lg 10:52:07.692 0.4 T__ ___ 5567866 FDSN RO -- BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.78 353.6 Pg 10:52:02.613 0.8 T__ 39.0 ___ ML 1.5 5567860 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.78 353.6 Lg 10:52:10.143 -3.7 T__ ___ 5567861 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1

```

(Station ML: 1.5 magdef=1
 BZS 0.94 245.0 Lg 10:52:17.904 -0.1 T__ --- 5567864 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
 2020/11/09 11:01:23.38 1.05 0.46 48.1371 16.9845 8.5 4.7 144 0.0f 10 7 175 0.10 1.33 sx BUD 16002680 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
ZST	0.10	53.2	Pg	11:01:26.341	0.4					T__						5567892	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.10	53.2	Lg	11:01:28.134	-0.2					T__						5567893	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.31	39.5	Pg	11:01:29.850	-0.3					T__						5567890	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.31	39.5	Lg	11:01:35.459	-0.1					T__						5567891	FDSN	SK	--	BUD	iLoc	HHE	???	_
A001A	0.65	336.2	Lg	11:01:46.946	0.8					T__						5567894	FDSN	Z3	00	BUD	iLoc	HH3	???	_
CONA	0.78	254.9	Lg	11:01:48.779	-0.4					T__						5567895	FDSN	OE	--	BUD	iLoc	HHN	???	_
A013A	1.06	266.6	Lg	11:01:57.620	0.1					T__						5567896	FDSN	Z3	00	BUD	iLoc	HHE	???	_
VRAC	1.20	347.7	Lg	11:02:03.062	-0.7					T__						5567899	FDSN	CZ	--	BUD	iLoc	HHE	???	_
ARSA	1.33	228.6	Pn	11:01:48.848	0.1					T__		57.1				5567897	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.33	228.6	Lg	11:02:05.406	-0.2					T__						5567898	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
 2020/11/09 11:06:46.31 3.43 0.51 48.5566 20.7940 20.6 8.8 43 0.0f 7 4 294 0.18 1.30 sx BUD 16002682 BUD 342

Magnitude Err Nsta Author OrigID
 ML 1.2 0.3 4 BUD 16002682

Sta	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	250.3	Pg	11:06:50.122	0.0					T__		124.0			ML 0.9	5567919	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_		
JOS	0.18	250.3	Lg	11:06:53.118	0.0					T__						5567920	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																										
KECS	0.22	250.4	Pg	11:06:50.576	-0.3					T__		273.5			ML 1.3	5567921	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_		
KECS	0.22	250.4	Lg	11:06:54.713	0.3					T__						5567922	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																										
HU02A	0.47	202.5	Pg	11:06:56.301	0.0					T__		27.0			ML 1.0	5567923	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU02A	0.47	202.5	Lg	11:07:03.715	-0.2					T__						5567924	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_		
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																										
VYHS	1.30	268.0	Pn	11:07:11.820	0.9					T__		17.6			ML 1.5	5567925	FDSN	SK	--	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
 2020/11/09 12:19:27.71 0.93 0.54 48.1033 19.9569 14.9 4.5 128 0.0 0.0 5 0 211 0.19 0.55 kx BUD 16002684 BUD
 2020/11/09 12:19:25.76 1.02 2.15 47.8650 20.1529f 0.0f 5 3 243 0.18 0.68 kx BUD_GT 16002685 BUD 338

(locality : Kiszána Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.0 0.3 2 BUD 16002685

Sta	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	12:19:31.005	0.8					T__		248.5		---	ML	1.2	5567947	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	12:19:33.867	-0.0					T__				---		5567948	FDSN	GE	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.36	44.0	Pg	12:19:34.308	0.7					T__		36.7		---	ML	0.9	5567951	FDSN	ZJ	00	iLoc	BUD	HHE	HHZ	_
HU02A	0.36	44.0	Lg	12:19:39.809	0.1					T__				---		5567949	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
JOS	0.68	22.1	Lg	12:19:45.700	-4.2					T__				---		5567950	FDSN	ZJ	--	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/10	08:32:58.78	0.96	1.06	48.3702	17.3457	6.3	3.4	141	0.0f		9	5	140	0.05	1.09	sx	BUD	16002686	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	0.05	274.3	Pg	08:33:00.273	-0.1					T__				---		5567998	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.05	274.3	Lg	08:33:01.822	-0.2					T__				---		5567999	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ZST	0.24	223.1	Pg	08:33:03.647	-0.4					T__				---		5568000	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.24	223.1	Lg	08:33:07.342	-1.0					T__				---		5568001	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
JAVC	0.53	23.7	Pg	08:33:09.205	-0.8					T__		76.8		---	ML	1.7	5568002	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.53	23.7	Lg	08:33:19.014	0.4					T__				---		5568003	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
VYHS	1.00	82.3	Lg	08:33:34.834	1.4					T__				---		5568004	FDSN	SK	--	BUD	iLoc	HHE	???	_	
CONA	1.09	246.6	Pg	08:33:20.389	0.2					T__		43.3		---	ML	1.7	5568006	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.09	246.6	Lg	08:33:36.032	1.7					T__				---		5568005	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
2020/11/10	09:38:29.73	4.15	3.84	48.7068	19.7033	43.3	13.6	178	0.0f		8	6	90	0.47	0.81	sx	BUD	16002688	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	
LANS	0.47	340.8	Sn	09:38:51.598	6.7					T__				---		5568090	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KECS	0.57	113.0	Sn	09:38:52.127	-2.9					T__				---		5568088	FDSN	SK	--	BUD	iLoc	EHE	???	_	
VYHS	0.61	250.0	Lg	09:38:51.187	-0.0					T__				---		5568089	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	0.80	170.7	Pn	09:38:48.295	0.9					T__		52.4		---	ML	1.7	5568086	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.80	170.7	Sn	09:38:58.642	-2.9					T__				---		5568087	FDSN	GE	--	BUD	iLoc	HHE	???	_	
HU02A	0.80	136.6	Pn	09:38:48.295	1.0					T__		32.4		---	ML	1.5	5568084	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.80	136.6	Sn	09:38:58.924	-2.5					T__				---		5568085	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
NIE	0.81	28.6	Sn	09:39:00.195	-1.8					T__				---		5568091	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
2020/11/10	09:44:45.84	0.35	1.09	47.8477	19.1530	6.9	3.1	174	0.0	0.0	11	0	166	0.09	1.10	kx	BUD	16002690	BUD			
2020/11/10	09:44:44.09	0.88	0.89	47.8355	19.1270f				0.0f		11	7	168	0.07	1.12	kx	BUD_GT	16002691	BUD			197

(locality : Sejce-Vác Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.6 0.0 6 BUD 16002691

Sta	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	09:44:46.269	0.2					T__		1221.1		---	ML	1.6	5085432	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:44:48.139	0.2					T__				---		5085433	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU03A	0.33	77.7	Pg	09:44:51.309	0.1					T__		152.9		---	ML	1.4	5085435	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.33	77.7	Lg	09:44:57.122	0.6					T__				---		5085434	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.52	80.6	Pg	09:44:53.793	-1.7					T__		62.2		---	ML	1.5	5085436	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	09:45:02.578	-1.3					T__				---		5085437	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU09A	0.54	248.9	Lg	09:45:05.139	0.8					T__				---		5085438	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
VYHS	0.69	343.6	Pg	09:44:59.453	1.3					T__		16.3		---	ML	1.1	5085430	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.6	Lg	09:45:07.905	-0.4					T__				---		5085431	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU02A	0.98	72.5	Pn	09:45:03.660	-0.5					T__		32.5		---	ML	1.6	5085440	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	1.12	54.0	Pn	09:45:05.959	0.0					T__		94.8		---	ML	2.1	5085439	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(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
2020/11/10	10:09:06.99	2.08	0.72	48.5646	20.7885	13.9	6.4	18	0.0f		9	5	224	0.22	1.30	sx	BUD	16002692	BUD		294	

Magnitude Err Nsta Author OrigID
 ML 1.5 0.2 4 BUD 16002692

Sta	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	248.1	Pg	10:09:11.517	-0.0					T__		1365.4		---	ML	2.0	5568196	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	248.1	Lg	10:09:15.180	0.1					T__				---		5568197	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ABAH	0.40	131.6	Lg	10:09:21.917	-0.4					T__				---		5568202	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.48	201.8	Pg	10:09:17.520	0.4					T__		50.7		---	ML	1.3	5568198	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	201.8	Lg	10:09:24.262	-0.5					T__				---		5568199	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.88	223.1	Pn	10:09:25.277	-0.4					T__		41.8		---	ML	1.6	5568200	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	223.1	Lg	10:09:38.496	-0.3					T__				---		5568201	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

VYHS 1.30 267.6 Pn 10:09:32.606 1.1 T__ 16.1 ___ ML 1.4 5568203 FDSN SK -- BUD iLoc HHZ HHZ _
 VYHS 1.30 267.6 Sn 10:09:49.971 -1.0 T__ ___ 5568204 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
2020/11/10	11:44:35.40	0.34	1.95	46.9155	17.3183	4.4	3.3	130	0.0	0.0	9	0	103	0.12	0.99	kx	BUD	16002694	BUD			
2020/11/10	11:44:31.55	0.98	1.72	46.8548	17.2699f				0.0f		8	6	97	0.13	0.96	kx	BUD_GT	16002695	BUD			187

(locality : Várkölyg Hungary)
 (description : known quarry blast)
 (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	
A261A	0.13	319.5	Pg	11:44:35.051	0.3					T__		12107.3		___	ML	2.7	5085541	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	319.5	Lg	11:44:40.347	2.9					T__				---		5085542	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0																									
MPLH	0.37	30.2	Pg	11:44:37.997	-1.4					T__		423.9		___	ML	1.9	5085544	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.37	30.2	Lg	11:44:43.856	-1.7					T__				---		5085545	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0																									
HU08A	0.73	37.5	Lg	11:44:58.454	0.2					T__				---		5085546	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOGS	0.81	240.3	Sn	11:45:04.585	2.3					T__				---		5085548	FDSN	SL	--	BUD	iLoc	BHE	???	_	
CSKK	0.85	52.7	Lg	11:45:02.777	0.1					T__				---		5085547	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	0.96	142.9	Lg	11:45:05.958	1.5					T__				---		5085549	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
2020/11/10	12:02:07.18	0.96	0.70	45.9355	22.6835	5.3	4.2	20	0.0f		11	6	107	0.16	0.90	sx	BUD	16002696	BUD			173

Magnitude Err Nsta Author OrigID
 ML 1.9 0.0 5 BUD 16002696

Sta	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	108.7	Pg	12:02:10.106	-0.2					T__		1384.8		___	ML	1.9	5568265	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.16	108.7	Lg	12:02:12.673	0.1					T__				---		5568266	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0																									
GZR	0.55	173.1	Pg	12:02:18.256	0.5					T__		61.0		___	ML	1.6	5568267	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.55	173.1	Lg	12:02:25.838	0.3					T__				---		5568268	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
SIRR	0.79	295.4	Lg	12:02:34.187	-0.6					T__				---		5568271	FDSN	RO	--	BUD	iLoc	HHE	???	_	
BZS	0.81	247.3	Pg	12:02:22.969	-0.1					T__		37.7		___	ML	1.5	5568274	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.81	247.3	Lg	12:02:33.726	-0.9					T__				---		5568275	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0																									
DRGR	0.86	1.3	Pg	12:02:24.634	0.3					T__		80.1		___	ML	1.9	5568269	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.86	1.3	Lg	12:02:38.413	1.2					T__				---		5568270	FDSN	RO	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
LOT 0.90 122.3 Pg 12:02:24.275 -0.2 T__ 71.1 ___ ML 1.9 5568272 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 0.90 122.3 Lg 12:02:36.825 -0.9 T__ ___ 5568273 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
2020/11/10 19:33:18.06 2.29 0.36 47.3788 18.2671 14.0 2.8 87 3.2 8.3 7 4 217 0.02 0.10 ke BUD 16002698 BUD 283

```

```

Magnitude Err Nsta Author OrigID
ML 0.5 0.2 3 BUD 16002698

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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 0.02 338.6 Pg 19:33:19.180 0.2 T__ 209.7 ___ ML 0.7 5568312 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.02 338.6 Lg 19:33:19.655 -0.3 T__ ___ 5568313 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CSKK 0.02 196.0 Pg 19:33:19.263 0.2 T__ 141.6 _c_ ML 0.5 5568315 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.02 196.0 Lg 19:33:19.692 -0.4 T__ ___ 5568314 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
MSW2 0.09 206.6 Pg 19:33:20.241 0.1 T__ 22.1 ___ ML -0.1 5568316 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 206.6 Lg 19:33:21.918 -0.2 T__ ___ 5568317 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: -0.1 magdef=1
(Station ML: -0.1 magdef=1
MSW3 0.10 272.6 Lg 19:33:22.374 0.0 T__ ___ 5568318 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
2020/11/10 20:17:54.82 2.38 0.41 47.3789 18.2706 14.1 3.3 88 4.4 7.9 7 4 232 0.02 0.10 ke BUD 16002700 BUD 290

```

```

Magnitude Err Nsta Author OrigID
ML 0.7 0.1 3 BUD 16002700

```

```

Sta 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 0.02 330.7 Pg 20:17:56.121 0.2 T__ 271.4 _c_ ML 0.8 5568361 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.02 330.7 Lg 20:17:56.857 -0.3 T__ ___ 5568360 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CSKK 0.02 203.4 Pg 20:17:56.242 0.3 T__ 219.0 ___ ML 0.7 5568358 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.02 203.4 Lg 20:17:56.885 -0.3 T__ ___ 5568359 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
MSW2 0.09 207.9 Pg 20:17:57.155 0.1 T__ 17.0 ___ ML -0.2 5568362 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 207.9 Lg 20:17:58.533 -0.5 T__ ___ 5568363 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: -0.2 magdef=1
(Station ML: -0.2 magdef=1
MSW3 0.10 272.5 Lg 20:17:59.306 0.0 T__ ___ 5568364 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
2020/11/10	21:36:15.46	1.02	0.36	47.3802	18.2563	9.9	2.7	95	3.0f	6	3	166	0.01	0.08	ke	BUD	16002702	BUD			328	

Magnitude	Err	Nsta	Author	OrigID
ML	0.4	0.0	3 BUD	16002702

Sta	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	8.3	Pg	21:36:16.547	0.2					T__		125.8		___	ML	0.4	5568389	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.01	8.3	Lg	21:36:16.980	-0.3					T__				---		5568388	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
CSKK	0.02	170.4	Pg	21:36:16.622	0.2					T__		123.5		___	ML	0.4	5568386	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	170.4	Lg	21:36:17.027	-0.4					T__				---		5568387	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
MSW2	0.08	201.6	Pg	21:36:17.679	0.2					T__		17.7		___	ML	-0.2	5568390	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	201.6	Lg	21:36:19.299	-0.1					T__				---		5568391	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(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
2020/11/11	09:28:29.55	0.95	0.92	48.5467	17.3886	8.9	3.3	126	0.0f	8	5	151	0.19	1.19	sx	BUD	16002704	BUD			213	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	16002706

Sta	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	203.2	Pg	09:28:33.620	-0.3					T__				---		5568414	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	203.2	Lg	09:28:36.847	-0.7					T__				---		5568415	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
JAVC	0.36	30.8	Pg	09:28:36.966	-0.4					T__		131.7		___	ML	1.4	5568416	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	30.8	Lg	09:28:43.458	-0.1					T__				---		5568417	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
ZST	0.40	208.6	Lg	09:28:44.118	-0.3					T__				---		5568421	FDSN	SK	--	BUD	iLoc	HNN	???	_	
VYHS	0.96	92.6	Lg	09:29:04.101	1.2					T__				---		5568420	FDSN	SK	--	BUD	iLoc	HNN	???	_	
CONA	1.19	239.3	Pg	09:28:53.485	0.4					T__		40.7		___	ML	1.8	5568418	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.19	239.3	Lg	09:29:09.845	1.4					T__				---		5568419	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
2020/11/11	10:33:04.53	1.56	0.74	48.4602	21.3775	9.1	7.1	80	0.0f	7	4	158	0.19	0.76	sx	BUD	16002706	BUD			295	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	16002706

Sta	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	209.3	Pg	10:33:08.785	0.1					T__		162.3		___	ML	1.0	5568446	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.19	209.3	Lg	10:33:12.950	0.5					T__				---		5568447	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
JOS	0.56	274.0	Pg	10:33:15.722	-0.0					T__		32.0		___	ML	1.3	5568442	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.56	274.0	Lg	10:33:25.160	0.9					T__				---		5568443	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

HU02A	0.66	239.6	Pg	10:33:17.579	-0.8	T__	31.0	___	ML	1.4	5568444	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.66	239.6	Lg	10:33:28.048	-0.7	T__		---			5568445	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
KOLS	0.76	51.1	Lg	10:33:31.348	-0.1	T__		---			5568448	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
2020/11/11	10:43:23.74	3.45	0.55	48.5656	20.8255	19.9	9.4	44	0.0f	7	4	314	0.20	0.90	sx	BUD	16002708	BUD			334	

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	3 BUD	16002708

Sta	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	249.9	Pg	10:43:28.049	0.1					T__		125.8		___	ML	1.0	5568471	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	249.9	Lg	10:43:31.436	0.1					T__				---		5568472	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.24	250.1	Lg	10:43:32.595	-0.0					T__				---		5568473	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.49	204.4	Pg	10:43:34.176	0.1					T__	26.9			---	ML	1.1	5568474	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	204.4	Lg	10:43:41.905	-0.0					T__				---		5568475	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.90	224.2	Pn	10:43:41.633	-1.1					T__	41.2			___	ML	1.6	5568476	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.90	224.2	Lg	10:43:55.867	-0.3					T__				---		5568477	FDSN	GE	--	BUD	iLoc	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
2020/11/11	11:21:10.35	1.10	1.34	48.9589	21.2304	7.8	4.5	154	0.0f	12	7	144	0.65	1.37	sx	BUD	16002710	BUD			232	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	4 BUD	16002710

Sta	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	224.9	Pg	11:21:22.218	-1.1					T__		64.5		___	ML	1.7	5568507	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	224.9	Lg	11:21:33.192	0.2					T__				---		5568508	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.66	179.5	Pg	11:21:25.334	1.8					T__	59.4			___	ML	1.6	5568515	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.66	179.5	Lg	11:21:33.935	-0.6					T__				---		5568514	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.69	226.3	Lg	11:21:34.114	-0.1					T__				---		5568506	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.69	91.7	Pg	11:21:22.924	-0.6					T__				---		5568516	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.69	91.7	Lg	11:21:34.611	-0.1					T__				---		5568513	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	0.76	307.3	Lg	11:21:38.212	2.5					T__				---		5568509	FDSN	PL	--	BUD	iLoc	BHZ	???	_	
HU02A	0.96	209.5	Pg	11:21:28.989	-1.0					T__	45.5			---	ML	1.7	5568510	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.96	209.5	Lg	11:21:43.030	-1.1					T__				---		5568511	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									


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PSZ 1.37 221.0 Pn 11:21:36.862 0.9 T__ 48.3 ___ ML 1.9 5568517 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.37 221.0 Sn 11:21:57.452 1.2 T__ ___ 5568512 FDSN GE -- 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
2020/11/12 08:24:17.13 0.80 0.80 47.5583 18.5129 11.3 5.6 101 0.0 0.0 5 0 208 0.12 0.96 kx BUD 16002712 BUD
2020/11/12 08:24:16.11 1.02 0.29 47.5600 18.4573f 0.0f 5 3 199 0.09 0.97 kx BUD_GT 16002713 BUD 312
(locality : Tatabánya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.2 0.1 3 BUD 16002713

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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 08:24:18.753 0.2 T__ 818.6 ___ ML 1.5 5568540 FDSN ZJ 00 iLoc BUD HHZ HHZ _
HU09A 0.09 327.2 Lg 08:24:20.642 -0.2 T__ ___ 5568541 FDSN ZJ 00 iLoc BUD HHN ??? _
(Reading ML: 1.5 magdef=1)
(Station ML: 1.5 magdef=1)
CSKK 0.24 214.2 Pg 08:24:21.144 -0.2 T__ 145.2 ___ ML 1.1 5568542 FDSN HU -- iLoc BUD HHZ HHZ _
CSKK 0.24 214.2 Lg 08:24:25.946 -0.1 T__ ___ 5568543 FDSN HU -- iLoc BUD HHE ??? _
(Reading ML: 1.1 magdef=1)
(Station ML: 1.1 magdef=1)
VYHS 0.97 15.1 Pg 08:24:36.195 0.4 T__ 13.2 ___ ML 1.2 5568544 FDSN SK -- iLoc BUD 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
2020/11/12 08:42:21.49 1.92 0.02 45.9791 17.9677 22.1 17.3 141 0.0 0.0 4 0 336 0.14 0.53 kx BUD 16002714 BUD
2020/11/12 08:42:22.20 1.06 0.39 46.1204 18.0243f 0.0f 4 2 316 0.06 0.44 kx BUD_GT 16002715 BUD 360
(locality : Bükkösd Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.3 0.4 2 BUD 16002715

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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 0.06 121.4 Pg 08:42:24.330 0.2 T__ 1229.1 ___ ML 1.6 5568563 FDSN HU -- iLoc BUD HHZ HHZ _
KOVH 0.06 121.4 Lg 08:42:25.517 -0.5 T__ ___ 5568564 FDSN HU -- iLoc BUD HHN ??? _
(Reading ML: 1.6 magdef=1)
(Station ML: 1.6 magdef=1)
MORH 0.44 77.4 Pg 08:42:31.671 0.2 T__ 34.4 ___ ML 1.1 5568565 FDSN HU -- iLoc BUD HHZ HHZ _
MORH 0.44 77.4 Lg 08:42:38.157 -0.4 T__ ___ 5568566 FDSN HU -- iLoc BUD HHE ??? _
(Reading ML: 1.1 magdef=1)
(Station ML: 1.1 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

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2020/11/12 09:57:17.59 0.56 0.62 46.1159 18.3215 9.2 4.4 158 0.0 0.0 5 0 193 0.16 0.41 kx BUD 16002716 BUD
 2020/11/12 09:57:16.19 1.01 0.53 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 16002717 BUD 275
 (locality : Komló Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.3 0.3 2 BUD 16002717

Sta	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	09:57:19.876	-0.2					T__		592.6		---	ML	1.5 5568584	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	09:57:22.844	-0.3					T__				---		5568585	FDSN	HU	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
MORH	0.25	80.9	Pg	09:57:21.919	0.2					T__		139.2		---	ML	1.1 5568586	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.25	80.9	Lg	09:57:25.562	-0.6					T__				---		5568587	FDSN	HU	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																								
A266A	0.35	356.8	Lg	09:57:30.406	0.8					T__				---		5568588	FDSN	Z3	00	iLoc	BUD	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/12	10:03:08.67	1.05	0.51	48.5366	19.3266	12.1	3.5	2	0.0f		9	5	189	0.33	0.90	sx	BUD	16002718	BUD			304

Magnitude Err Nsta Author OrigID
 ML 1.7 0.4 4 BUD 16002718

Sta	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	262.7	Pg	10:03:15.870	0.4					T__		46.1		---	ML	0.9 5568616	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.33	262.7	Lg	10:03:19.821	-0.8					T__				---		5568617	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																								
PSZ	0.73	148.3	Lg	10:03:34.955	-0.2					T__				---		5568618	FDSN	GE	--	BUD	iLoc	HHE	???	_
KECS	0.77	93.5	Pg	10:03:24.373	0.3					T__		135.6		---	ML	2.1 5568613	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.77	93.5	Lg	10:03:35.188	-0.4					T__				---		5568612	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
JOS	0.81	92.4	Pg	10:03:24.956	0.3					T__		62.3		---	ML	1.7 5568614	FDSN	ZJ	--	BUD	iLoc	HHE	HHZ	_
JOS	0.81	92.4	Lg	10:03:36.302	-0.5					T__				---		5568615	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
HU02A	0.90	117.0	Pg	10:03:27.047	-0.2					T__		36.0		---	ML	1.6 5568619	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.90	117.0	Lg	10:03:41.466	0.4					T__				---		5568620	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
2020/11/12	10:06:28.37	0.36	1.02	48.2713	21.2446	5.5	3.5	173	0.0	0.0	10	0	150	0.03	0.97	kx	BUD	16002720	BUD			
2020/11/12	10:06:26.70	0.95	0.82	48.2470	21.2460f				0.0f		10	6	153	0.05	0.97	kx	BUD_GT	16002721	BUD			206
(locality : Táillya Hungary) (description : known quarry blast)																						

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.7 0.3 4 BUD 16002721

Sta	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	10:06:28.217	-0.1					T__		9860.0		---	ML	2.4	5568649	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	10:06:29.664	-0.2					T__				---		5568650	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									
HU02A	0.50	255.8	Pg	10:06:36.868	-0.4					T__		52.4		---	ML	1.4	5568651	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	10:06:44.532	-0.8					T__				---		5568652	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
JOS	0.53	298.1	Pg	10:06:37.681	0.3					T__		59.1		---	ML	1.6	5568653	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	10:06:44.455	-1.1					T__				---		5568654	FDSN	ZJ	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
TRPA	0.87	97.2	Pg	10:06:43.871	0.1					T__		76.8		---	ML	1.9	5568655	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	10:06:57.676	-0.5					T__				---		5568656	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
PSZ	0.96	250.6	Lg	10:07:01.528	0.1					T__				---		5568658	FDSN	GE	--	iLoc	BUD	HHN	???	_	
KOLS	0.97	44.4	Pg	10:06:47.060	1.9					T__				---		5568657	FDSN	SK	--	iLoc	BUD	HHZ	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2020/11/12 10:14:45.88 1.53 1.10 48.7612 21.3424 13.0 7.4 159 0.0f 8 5 189 0.47 0.84 sx BUD 16002722 BUD 304

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 3 BUD 16002722

Sta	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	188.4	Lg	10:15:03.133	-0.3					T__				---		5568690	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.60	243.8	Pg	10:14:58.339	0.6					T__		43.6		---	ML	1.5	5568684	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	243.8	Lg	10:15:06.202	-0.5					T__				---		5568685	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
KECS	0.63	244.2	Pg	10:14:58.829	0.3					T__		116.4		---	ML	1.9	5568686	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.63	244.2	Lg	10:15:06.996	-1.0					T__				---		5568687	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
KOLS	0.64	74.0	Lg	10:15:07.568	-1.0					T__				---		5568691	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.84	220.7	Pg	10:15:03.999	0.8					T__		28.3		---	ML	1.4	5568688	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	220.7	Lg	10:15:14.551	-1.6					T__				---		5568689	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
 2020/11/12 10:49:30.77 2.27 0.39 48.5554 20.7885 17.5 6.5 14 0.0f 6 4 240 0.18 0.47 sx BUD 16002724 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	0.18	250.3	Pg		10:49:34.478	-0.0									T__		114.3		---	ML	0.8	5568712	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	250.3	Lg		10:49:38.013	0.6									T__				---		5568713	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.21	250.4	Pg		10:49:35.061	-0.2									T__		546.4		---	ML	1.6	5568714	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	250.4	Lg		10:49:38.583	-0.2									T__				---		5568715	FDSN	SK	--	BUD	iLoc	EHE	???	_	
ABAH	0.40	130.6	Lg		10:49:46.088	0.2									T__				---		5568717	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.47	202.2	Lg		10:49:48.197	-0.1									T__				---		5568716	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
2020/11/12	11:04:02.48	0.43	0.73	47.5558	18.4369	8.2	3.5	93	0.0	0.0	8	0	158	0.09	1.35	kx	BUD	16002726	BUD			
2020/11/12	11:04:00.65	0.97	0.72	47.5600	18.4573f				0.0f		8	5	159	0.09	1.35	kx	BUD_GT	16002727	BUD			207

(locality : Tatabánya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	16002727

Sta	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	11:04:03.329	0.2					T__		2414.3		---	ML	1.9	5568739	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_		
HU09A	0.09	327.2	Lg	11:04:05.096	-0.3					T__				---		5568740	FDSN	ZJ	00	iLoc	BUD	HHN	???	_			
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																											
CSKK	0.24	214.2	Pg	11:04:05.685	-0.2					T__		275.6		---	ML	1.4	5568741	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_		
CSKK	0.24	214.2	Lg	11:04:10.167	-0.4					T__				---		5568742	FDSN	HU	--	iLoc	BUD	HHE	???	_			
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																											
VYHS	0.97	15.1	Pg	11:04:20.950	0.6					T__		17.9		---	ML	1.3	5568743	FDSN	SK	--	iLoc	BUD	HHZ	HHZ	_		
VYHS	0.97	15.1	Lg	11:04:34.704	0.2					T__				---		5568744	FDSN	SK	--	iLoc	BUD	HHE	???	_			
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																											
MODS	1.14	316.2	Sn	11:04:39.101	-1.6					T__				---		5568745	FDSN	SK	--	iLoc	BUD	HHE	???	_			
MORH	1.35	174.5	Sn	11:04:45.699	0.5					T__				---		5568746	FDSN	HU	--	iLoc	BUD	HHZ	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/12	11:22:56.63	0.95	0.64	48.4477	19.5694	8.6	3.3	2	0.0f		10	7	169	0.49	1.12	sx	BUD	16002728	BUD			202

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	16002728

Sta	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	275.7	Pg	11:23:06.868	0.2					T__		22.8		---	ML	1.0	5568778	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VYHS	0.49	275.7	Lg	11:23:13.360	-0.7					T__				---		5568779	FDSN	SK	--	BUD	iLoc	HHE	???	_			
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																											
PSZ	0.57	157.6	Lg	11:23:17.846	-0.1					T__				---		5568780	FDSN	GE	--	BUD	iLoc	HHN	???	_			
KECS	0.61	86.3	Lg	11:23:18.150	0.0					T__				---		5568774	FDSN	SK	--	BUD	iLoc	EHN	???	_			
JOS	0.65	85.4	Pg	11:23:09.967	0.4					T__		41.4		---	ML	1.5	5568772	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_		

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JOS      0.65  85.4 Lg      11:23:18.995 -0.4      T__
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A    0.72 116.7 Pg      11:23:11.849  0.3      T__      31.0      ___ ML      1.4 5568775  FDSN ZJ      00 BUD  iLoc  HHZ  HHZ  _
HU02A    0.72 116.7 Lg      11:23:21.377 -1.4      T__      ___      5568776  FDSN ZJ      00 BUD  iLoc  HHN  ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A338A    0.92 242.4 Lg      11:23:30.322  0.3      T__      ___      5568781  FDSN Z3      00 BUD  iLoc  HH2  ???  _
ABAH     1.12  97.1 Lg      11:23:35.643 -0.0      T__      ___      5568777  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
2020/11/12 11:26:01.33  1.12  0.39  47.4558  18.7148  12.7  4.9 155  0.0f  6  5 134  0.21  1.24  sx BUD  16002730  BUD  205

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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
BUD  0.21  82.3 Lg      11:26:10.260 -0.1      T__
CSKK 0.32 253.4 Pg      11:26:08.330  0.1      T__      144.5      ___ ML      1.4 5568801  FDSN HU      -- BUD  iLoc  HHZ  HHZ  _
CSKK 0.32 253.4 Lg      11:26:13.971 -0.2      T__      ___      5568802  FDSN HU      -- BUD  iLoc  HHZ  ???  _
HU10A 0.44  27.7 Lg      11:26:18.120 -0.0      T__      ___      5568803  FDSN ZJ      00 BUD  iLoc  HHN  ???  _
PSZ   0.92  59.4 Sn      11:26:36.266  0.1      T__      ___      5568804  FDSN GE      -- BUD  iLoc  HHE  ???  _
MORH  1.24 182.3 Sn      11:26:43.715  0.6      T__      ___      5568805  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
2020/11/12 12:21:34.94  1.02  0.79  47.8999  16.0359  5.8  5.1  91  0.0f  9  5 126  0.12  1.19  sx BUD  16002732  BUD  174

```

Magnitude Err Nsta Author OrigID

ML 1.6 0.3 4 BUD 16002732

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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 0.12 283.7 Pg      12:21:37.479 -0.1      T__      285.8      ___ ML      1.1 5568859  FDSN OE      -- BUD  iLoc  HHZ  HHZ  _
CONA 0.12 283.7 Lg      12:21:39.967  0.4      T__      ___      5568860  FDSN OE      -- BUD  iLoc  HHN  ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
AO11B 0.49 186.1 Pg      12:21:45.031  0.3      T__      58.9      ___ ML      1.4 5568866  FDSN Z3      00 BUD  iLoc  HHZ  HHZ  _
AO11B 0.49 186.1 Lg      12:21:51.953  0.9      T__      ___      5568861  FDSN Z3      00 BUD  iLoc  HH3  ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ARSA  0.74 208.3 Pg      12:21:47.906 -1.3      T__      61.0      ___ ML      1.7 5568862  FDSN OE      -- BUD  iLoc  HHN  HHZ  _
ARSA  0.74 208.3 Lg      12:21:58.049 -0.4      T__      ___      5568863  FDSN OE      -- BUD  iLoc  HHN  ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS  0.96  59.9 Lg      12:22:08.703 -0.4      T__      ___      5568864  FDSN SK      -- BUD  iLoc  HHZ  ???  _
KRUC  1.19 11.5 Pg      12:21:58.281  0.6      T__      51.2      ___ ML      1.9 5568867  FDSN CZ      -- BUD  iLoc  HHZ  HHZ  _
KRUC  1.19 11.5 Sn      12:22:14.620 -0.5      T__      ___      5568865  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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2020/11/12 13:37:28.77 1.62 0.36 48.6906 21.1135 11.2 7.2 174 0.0f 8 5 188 0.40 0.80 sx BUD 16002734 BUD 284

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 3 BUD 16002734

Sta	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	167.9	Lg	13:37:44.206	0.1					T__						5568899	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.43	243.1	Pg	13:37:37.449	0.1					T__		43.8			ML	1.1	5568895	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	243.1	Lg	13:37:44.509	0.5					T__						5568896	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.47	243.8	Pg	13:37:37.936	-0.2					T__		88.2			ML	1.5	5568893	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.47	243.8	Lg	13:37:45.162	-0.1					T__						5568894	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.69	214.8	Pg	13:37:43.180	0.1					T__		38.2			ML	1.5	5568897	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_
HU02A	0.69	214.8	Lg	13:37:53.415	-0.5					T__						5568898	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOLS	0.80	72.0	Lg	13:37:57.172	0.0					T__						5568900	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
2020/11/12	14:14:07.87	1.44	0.50	45.5600	17.8351	27.1	8.0	118	0.0f	5	3	169	0.56	0.93		sx	BUD	16002736	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	
KOVH	0.56	19.2	Pg	14:14:19.494	-0.1					T__		53.1			ML	1.5	5568920	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.56	19.2	Lg	14:14:28.382	0.5					T__						5568921	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	0.86	40.5	Pg	14:14:25.520	0.1					T__		95.5			ML	2.0	5568922	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.86	40.5	Lg	14:14:37.986	-0.5					T__						5568923	FDSN	HU	--	BUD	iLoc	HHE	???	_	
BLY	0.93	209.8	Lg	14:14:37.856	0.0					T__						5568924	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	
2020/11/13	08:42:01.19	1.92	0.14	46.1453	17.9287	17.7	15.2	98	0.0	0.0	4	0	326	0.13	0.50		kx	BUD	16002738	BUD			
2020/11/13	08:42:01.49	1.06	0.59	46.1204	18.0243f				0.0f	4	2	316	0.06	0.44		kx	BUD_GT	16002739	BUD			360	

(locality : Bükkösd Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.3 0.2 2 BUD 16002739

Sta	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	08:42:03.683	0.2					T__		840.0			ML	1.4	5568941	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	08:42:04.938	-0.3					T__						5568942	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.44	77.4	Pg	08:42:11.040	0.3					T__		41.1			ML	1.1	5568943	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.44	77.4	Lg	08:42:16.963	-0.9					T__						5568944	FDSN	HU	--	iLoc	BUD	HHZ	???	_	

(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
2020/11/13	09:42:09.91	0.54	0.63	46.1216	18.3170	9.0	4.4	158	0.0	0.0	5	0	190	0.15	0.41	kx	BUD	16002740	BUD			
2020/11/13	09:42:08.46	1.01	0.46	46.1765	18.2926f				0.0f		5	3	155	0.16	0.35	kx	BUD_GT	16002741	BUD			275

(locality : Komló Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	2 BUD	16002741

Sta	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	09:42:12.180	-0.2					T__		444.2		___	ML	1.4	5568964	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	09:42:15.093	-0.3					T__				---		5568965	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
MORH	0.25	80.9	Pg	09:42:14.178	0.2					T__		233.3		___	ML	1.4	5568962	FDSN	HU	--	iLoc	BUD	HHE	HHZ	_
MORH	0.25	80.9	Lg	09:42:17.943	-0.4					T__				---		5568963	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
A266A	0.35	356.8	Lg	09:42:22.550	0.7					T__				---		5568966	FDSN	Z3	00	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/13	10:50:47.34	1.04	0.81	48.8654	21.0506	6.9	4.5	153	0.0f		12	7	126	0.50	1.51	sx	BUD	16002742	BUD			208

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	4 BUD	16002742

Sta	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	222.7	Pg	10:50:57.586	0.2					T__		74.0		___	ML	1.6	5569018	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	222.7	Lg	10:51:04.891	-0.1					T__				---		5569019	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
KECS	0.54	224.6	Pg	10:50:58.027	-0.0					T__		101.9		___	ML	1.8	5569016	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.54	224.6	Lg	10:51:06.121	-0.0					T__				---		5569017	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
ABAH	0.58	167.5	Pg	10:50:59.543	0.5					T__		63.9		___	ML	1.6	5569023	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.58	167.5	Lg	10:51:06.945	-1.8					T__				---		5569024	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
NIE	0.74	318.6	Lg	10:51:11.346	-0.6					T__				---		5569020	FDSN	PL	--	BUD	iLoc	BHE	???	_	
KOLS	0.81	84.7	Pg	10:51:03.040	0.2					T__				---		5569025	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.81	84.7	Lg	10:51:15.308	-0.5					T__				---		5569026	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.22	219.5	Pn	10:51:11.861	1.0					T__		55.8		___	ML	1.9	5569027	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.22	219.5	Sn	10:51:29.607	0.1					T__				---		5569021	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									

VYHS 1.51 256.6 Sn 10:51:37.495 0.7 T__ --- 5569022 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
 2020/11/13 11:00:06.66 1.03 1.52 48.1173 16.9849 13.5 3.9 145 0.0f 12 6 156 0.11 1.31 sx BUD 16002744 BUD 184

Magnitude Err Nsta Author OrigID
 ML 1.9 0.3 4 BUD 16002744

Sta	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	44.9	Pg	11:00:09.128	-0.4					T__						5569058	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.11	44.9	Lg	11:00:11.228	-0.8					T__						5569059	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.32	37.2	Pg	11:00:12.656	-1.0					T__						5569060	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.32	37.2	Lg	11:00:17.324	-2.0					T__						5569061	FDSN	SK	--	BUD	iLoc	HHE	???	_	
CONA	0.78	256.3	Pg	11:00:22.254	0.2					T__		60.8			ML	1.7	5569063	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.78	256.3	Lg	11:00:31.474	-0.8					T__						5569064	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JAVC	0.87	31.3	Pg	11:00:26.147	1.6					T__		102.2			ML	2.0	5569062	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.87	31.3	Lg	11:00:40.310	2.3					T__						5569065	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
VYHS	1.29	72.4	Pg	11:00:33.574	0.9					T__		15.1			ML	1.4	5569068	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	72.4	Sn	11:00:48.275	-2.3					T__						5569069	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ARSA	1.31	229.3	Pn	11:00:31.944	0.1					T__		69.3			ML	2.1	5569066	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.31	229.3	Lg	11:00:48.950	0.5					T__						5569067	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
 2020/11/14 00:16:31.61 1.24 0.58 48.9672 21.4364 10.3 4.7 164 21.4 18.4 10 7 151 0.55 1.11 ke BUD 16002746 BUD 220

Magnitude Err Nsta Author OrigID

Sta	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	0.55	93.2	Pg	00:16:42.758	0.1					T__						5569096	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.55	93.2	Lg	00:16:51.262	0.0					T__						5569097	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ABAH	0.68	191.1	Lg	00:16:54.898	-0.8					T__						5569100	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.76	231.9	Pg	00:16:47.343	0.5					T__		28.2			ML	1.4	5569101	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.76	231.9	Lg	00:16:57.332	-0.3					T__						5569102	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.79	232.8	Lg	00:16:58.196	-0.6					T__						5569103	FDSN	SK	--	BUD	iLoc	EHE	???	_	
NIE	0.87	301.6	Lg	00:16:59.338	-0.6					T__						5569104	FDSN	PL	--	BUD	iLoc	BHE	???	_	
HUO2A	1.04	216.0	Sn	00:17:04.708	-0.4					T__						5569105	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
TRPA	1.11	138.4	Pn	00:16:51.441	0.2					T__		40.2			ML	1.7	5569098	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.11	138.4	Sn	00:17:06.449	-0.5					T__						5569099	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
 2020/11/15 22:35:11.87 1.01 1.11 46.9242 21.2181 4.9 4.6 35 5.9 8.8 46 26 51 0.04 2.31 ke BUD 16002750 BUD 72

Magnitude	Err	Nsta	Author	OrigID																															
ML	2.4	0.2	22 BUD	16002750	Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L						
					HU24A	0.04	250.4	Pg	22:35:14.159	0.6					T__		32573.4		---	ML	2.9	5569443	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					HU24A	0.04	250.4	Lg	22:35:16.847	1.8					T__				---		5569444	FDSN	ZJ	00	BUD	iLoc	HHE	???	_						
					(Reading ML: 2.9 magdef=1)																														
					(Station ML: 2.9 magdef=0)																														
					HU06A	0.49	244.8	Pg	22:35:22.278	-0.0					T__		745.9		---	ML	2.5	5569484	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					HU06A	0.49	244.8	Lg	22:35:30.566	0.7					T__				---		5569485	FDSN	ZJ	00	BUD	iLoc	HHN	???	_						
					(Reading ML: 2.5 magdef=1)																														
					(Station ML: 2.5 magdef=1)																														
					HU05A	0.63	355.0	Pg	22:35:23.964	-0.9					T__		736.4		---	ML	2.7	5569450	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					(Reading ML: 2.7 magdef=1)																														
					(Station ML: 2.7 magdef=0)																														
					LTVH	0.66	45.1	Pn	22:35:26.241	0.2					T__		342.9		---	ML	2.4	5569448	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_					
					LTVH	0.66	45.1	Lg	22:35:35.551	0.5					T__				---		5569449	FDSN	HU	--	BUD	iLoc	HHZ	???	_						
					(Reading ML: 2.4 magdef=1)																														
					(Station ML: 2.4 magdef=1)																														
					AMBH	0.67	210.7	Pn	22:35:25.971	-0.2					T__				---		5569486	FDSN	HU	--	BUD	iLoc	HHZ	???	_						
					AMBH	0.67	210.7	Sn	22:35:36.276	-1.2					T__				---		5569487	FDSN	HU	--	BUD	iLoc	HHE	???	_						
					SIRR	0.72	155.0	Pg	22:35:26.491	0.0					T__		193.5		---	ML	2.2	5569451	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_					
					SIRR	0.72	155.0	Lg	22:35:37.242	0.3					T__				---		5569459	FDSN	RO	--	BUD	iLoc	HHE	???	_						
					(Reading ML: 2.2 magdef=1)																														
					(Station ML: 2.2 magdef=1)																														
					BSZH	0.75	300.4	Pn	22:35:27.405	0.1					T__		382.3		---	ML	2.5	5569442	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_					
					BSZH	0.75	300.4	Lg	22:35:37.784	-0.5					T__				---		5569460	FDSN	HU	--	BUD	iLoc	HHZ	???	_						
					(Reading ML: 2.5 magdef=1)																														
					(Station ML: 2.5 magdef=1)																														
					ATAN3	0.91	319.7	Pn	22:35:29.172	-0.3					T__		1330.3		---	ML	3.1	5569445	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_					
					ATAN3	0.91	319.7	Sn	22:35:42.062	-1.1					T__				---		5569461	FDSN	HU	--	BUD	iLoc	HHZ	???	_						
					(Reading ML: 3.1 magdef=1)																														
					(Station ML: 3.1 magdef=0)																														
					TENKA	0.94	321.3	Pn	22:35:30.039	0.1					T__		717.8		---	ML	2.9	5569453	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_					
					TENKA	0.94	321.3	Sn	22:35:43.223	-0.8					T__				---		5569462	FDSN	HU	--	BUD	iLoc	HHE	???	_						
					(Reading ML: 2.9 magdef=1)																														
					(Station ML: 2.9 magdef=0)																														
					HU23A	0.97	317.7	Pn	22:35:30.389	-0.0					T__		197.0		---	ML	2.3	5569454	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					HU23A	0.97	317.7	Sn	22:35:44.469	-0.4					T__				---		5569463	FDSN	ZJ	00	BUD	iLoc	HHN	???	_						
					(Reading ML: 2.3 magdef=1)																														
					(Station ML: 2.3 magdef=1)																														
					DRGR	1.03	96.8	Pn	22:35:32.017	0.4					T__		152.1		---	ML	2.3	5569452	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_					
					DRGR	1.03	96.8	Sn	22:35:46.711	-0.5					T__				---		5569464	FDSN	RO	--	BUD	iLoc	HHE	???	_						
					(Reading ML: 2.3 magdef=1)																														
					(Station ML: 2.3 magdef=1)																														
					HU01A	1.17	291.7	Pn	22:35:34.132	0.9					T__		167.2		---	ML	2.4	5569455	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					HU01A	1.17	291.7	Sn	22:35:50.530	0.9					T__				---		5569465	FDSN	ZJ	00	BUD	iLoc	HHN	???	_						
					(Reading ML: 2.4 magdef=1)																														
					(Station ML: 2.4 magdef=1)																														
					HU21A	1.18	240.6	Lg	22:35:51.754	-0.5					T__				---		5569466	FDSN	ZJ	00	BUD	iLoc	HHN	???	_						
					HU04A	1.20	265.3	Pn	22:35:34.833	1.3					T__		172.2		---	ML	2.4	5569446	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_					
					HU04A	1.20	265.3	Lg	22:35:51.660	-1.3					T__				---		5569447	FDSN	ZJ	00	BUD	iLoc	HHN	???	_						

```

(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
HU02A 1.29 338.9 Pn 22:35:35.019 0.0 T__ 71.8 ___ ML 2.1 5569456 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.29 338.9 Sn 22:35:52.365 -0.5 T__ ___ 5569467 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
BZS 1.34 167.9 Pn 22:35:36.054 0.3 T__ ___ ML 1.8 5569457 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.34 167.9 Lg 22:35:54.271 -1.1 T__ ___ 5569468 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
ABAH 1.37 0.6 Pn 22:35:37.042 1.0 T__ ___ ML 2.1 5569458 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.37 0.6 Sn 22:35:56.103 1.5 T__ ___ 5569469 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU03A 1.47 312.3 Sn 22:35:58.156 1.3 T__ ___ 5569470 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 1.50 36.1 Pg 22:35:42.347 1.2 T__ ___ ML 2.2 5569472 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.50 36.1 Lg 22:36:00.506 -1.3 T__ ___ 5569471 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
DEV 1.56 131.2 Lg 22:36:00.761 -1.3 T__ ___ 5569473 FDSN RO -- BUD iLoc HHE ??? _
JOS 1.64 344.0 Pn 22:35:42.268 2.5 T__ ___ ML 2.0 5569482 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.64 344.0 Sn 22:36:03.182 2.3 T__ ___ 5569483 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
CJR 1.65 96.5 Pg 22:35:43.616 -0.4 T__ ___ ML 2.6 5569481 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 1.65 96.5 Lg 22:36:04.759 -1.0 T__ ___ 5569474 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
HU10A 1.76 302.5 Pn 22:35:41.813 0.5 T__ ___ ML 2.4 5569475 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
GZR 1.88 144.2 Pn 22:35:44.773 1.1 T__ ___ ML 2.2 5569476 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.88 144.2 Lg 22:36:09.130 -2.9 T__ ___ 5569477 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MORH 1.91 249.2 Pg 22:35:47.633 -1.7 T__ ___ ML 2.1 5569478 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
LOT 2.31 128.9 Pg 22:35:55.757 -0.3 T__ ___ ML 2.6 5569480 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 2.31 128.9 Lg 22:36:26.542 0.3 T__ ___ 5569479 FDSN RO -- BUD iLoc HHN ??? _
(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
2020/11/15 22:38:14.54 4.15 0.82 46.9377 21.0519 44.4 18.3 83 12.8 10.5 6 3 308 0.08 1.15 ke BUD 16002752 BUD 345

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.3 3 BUD 16002752

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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
HU24A 0.08 110.8 Pg 22:38:17.531 -0.1 T__ 626.1 ___ ML 1.3 5569549 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU24A 0.08 110.8 Lg 22:38:20.217 0.2 T__ ___ 5569550 FDSN ZJ 00 BUD iLoc HHE ??? _

```

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
SIRR 0.79 147.8 Pg 22:38:30.603 0.1 T__ 14.6 ___ ML 1.1 5569552 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.79 147.8 Lg 22:38:40.925 -0.2 T__ ___ 5569553 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
DRGR 1.15 96.7 Pn 22:38:35.527 0.4 T__ 34.1 ___ ML 1.7 5569554 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.15 96.7 Sn 22:38:50.081 -1.0 T__ ___ 5569551 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
2020/11/16 08:49:07.57 1.19 0.70 48.0629 20.6798 7.1 4.1 161 0.0f 10 5 197 0.12 0.55 sx BUD 16002756 BUD 267

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD 16002756

```

```

Sta 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 0.12 299.8 Pg 08:49:10.515 -0.1 T__ 728.9 ___ ML 1.5 5569644 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.12 299.8 Lg 08:49:13.550 0.3 T__ ___ 5569645 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.44 342.9 Pg 08:49:17.034 0.5 T__ 151.9 ___ ML 1.7 5569648 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.44 342.9 Lg 08:49:23.385 -0.0 T__ ___ 5569652 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ABAH 0.44 57.9 Pg 08:49:17.072 0.4 T__ 62.9 ___ ML 1.3 5569651 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.44 57.9 Lg 08:49:22.995 -1.4 T__ ___ 5569650 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
JOS 0.44 347.8 Pg 08:49:16.758 0.2 T__ 82.3 ___ ML 1.4 5569646 FDSN ZJ -- BUD iLoc HHN HHZ _
JOS 0.44 347.8 Lg 08:49:23.110 -0.4 T__ ___ 5569647 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.55 255.0 Pg 08:49:19.934 0.5 T__ 62.8 ___ ML 1.6 5569653 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.55 255.0 Lg 08:49:27.310 -0.8 T__ ___ 5569649 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
2020/11/16 08:58:26.70 2.59 0.77 47.3745 18.3519 23.3 3.9 134 0.0f 7 5 108 0.06 1.18 sx BUD 16002758 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
CSKK 0.06 259.6 Pg 08:58:28.817 0.2 T__ 1592.8 ___ ML 1.7 5569679 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 259.6 Lg 08:58:30.495 -0.2 T__ ___ 5569680 FDSN HU -- BUD iLoc HHE ??? _
HU09A 0.27 4.5 Pg 08:58:32.864 0.4 T__ 179.8 ___ ML 1.3 5569681 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.27 4.5 Lg 08:58:37.461 -0.0 T__ ___ 5569682 FDSN ZJ 00 BUD iLoc HHZ ??? _
VYHS 1.17 16.0 Lg 08:59:06.172 -1.2 T__ ___ 5569684 FDSN SK -- BUD iLoc HHE ??? _

```

PSZ	1.18	61.9	Sn	08:59:07.350	-0.4	T__	---	5569683	FDSN	GE	--	BUD	iLoc	HHE	???	_
MORH	1.18	170.1	Sn	08:59:06.044	-0.8	T__	---	5569685	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
2020/11/16	09:08:45.82	1.38	0.84	47.2610	18.3566	9.6	5.9	83	0.0f	10	7	112	0.12	1.28	sx	BUD	16002760	BUD			154	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	16002760

Sta	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	0.12	327.4	Pg	09:08:49.076	0.2					T__		510.3		---	ML	1.3	5569709	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.12	327.4	Lg	09:08:51.471	-0.4					T__				---		5569710	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU08A	0.34	300.2	Lg	09:08:58.540	-0.6					T__				---		5569711	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
MPLH	0.56	261.0	Pg	09:08:57.733	0.3					T__		81.1		---	ML	1.7	5569712	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.56	261.0	Lg	09:09:06.249	0.0					T__				---		5569713	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MORH	1.06	169.2	Pn	09:09:07.273	0.6					T__		49.6		---	ML	1.8	5569715	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.06	169.2	Lg	09:09:21.795	-0.7					T__				---		5569714	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOVH	1.19	188.7	Sn	09:09:25.099	-1.1					T__				---		5569718	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
PSZ	1.23	57.1	Sn	09:09:29.479	1.3					T__				---		5569717	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VVHS	1.28	14.5	Sn	09:09:29.888	0.6					T__				---		5569716	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
2020/11/16	09:26:44.96	1.17	0.67	48.3669	19.0622	13.6	4.0	22	0.0f	8	5	181	0.20	1.01	sx	BUD	16002762	BUD			313	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	16002762

Sta	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	310.3	Pg	09:26:49.238	0.0					T__		70.0		---	ML	0.7	5569742	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.20	310.3	Lg	09:26:52.453	-0.0					T__				---		5569743	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
PSZ	0.72	128.5	Lg	09:27:11.572	0.4					T__				---		5569746	FDSN	GE	--	BUD	iLoc	HHE	???	_	
KECS	0.96	82.5	Lg	09:27:18.304	0.1					T__				---		5569747	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.99	82.0	Pg	09:27:04.861	0.3					T__		40.3		---	ML	1.7	5569744	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.99	82.0	Lg	09:27:19.755	0.2					T__				---		5569745	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	1.01	103.5	Pn	09:27:05.267	-0.2					T__		44.1		---	ML	1.7	5569748	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.01	103.5	Lg	09:27:19.559	-1.4					T__				---		5569749	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
2020/11/16	09:40:50.23	1.81	0.53	47.6082	18.9664	17.9	8.0	36	0.0	0.0	5	0	291	0.24	1.38	kx	BUD	16002764	BUD			
2020/11/16	09:40:52.18	1.05	1.98	47.8355	19.1270f				0.0f		5	4	197	0.07	1.15	kx	BUD_GT	16002765	BUD			263

(locality : Sejce-Vác Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.6 0.1 2 BUD 16002765

Sta	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	09:40:54.845	0.7					T__		1173.3		---	ML	1.6	5569781	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:40:56.638	0.6					T__				---		5569782	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.52	80.6	Sn	09:41:12.921	-3.6					T__				---		5569784	FDSN	GE	--	iLoc	BUD	HHE	???	_	
VYHS	0.69	343.6	Sn	09:41:19.746	-1.4					T__				---		5569783	FDSN	SK	--	iLoc	BUD	HHE	???	_	
JOS	1.15	54.5	Pg	09:41:15.411	0.4					T__		33.4		---	ML	1.7	5569785	FDSN	ZJ	--	iLoc	BUD	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
2020/11/16	11:59:37.15	1.09	0.97	47.9034	18.9735	6.3	5.7	81	0.0f		6	5	114	0.07	1.06	sx	BUD	16002766	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	
HU10A	0.07	152.5	Pg	11:59:38.474	-0.5					T__		1823.7		---	ML	1.7	5569828	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	152.5	Lg	11:59:41.102	0.4					T__				---		5569829	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.48	236.6	Lg	11:59:55.903	0.7					T__				---		5569830	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.60	351.2	Lg	11:59:58.431	0.1					T__				---		5569831	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.62	88.3	Lg	12:00:01.045	0.8					T__				---		5569832	FDSN	GE	--	BUD	iLoc	HHE	???	_	
HU02A	1.06	77.6	Pn	11:59:59.497	1.1					T__		37.9		---	ML	1.7	5569833	FDSN	ZJ	00	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
2020/11/16	18:31:11.58	1.07	0.91	46.9248	21.2003	8.9	6.2	9	10.8	5.3	15	11	74	0.03	1.34	ke	BUD	16002768	BUD			117

Magnitude Err Nsta Author OrigID
 ML 2.0 0.0 5 BUD 16002768

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU24A	0.03	242.1	Pg	18:31:13.510	-0.4					T__		8820.8		---	ML	2.3	5569888	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.03	242.1	Lg	18:31:16.198	0.4					T__				---		5569889	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
HU06A	0.48	244.2	Pg	18:31:20.678	-1.2					T__		219.0		---	ML	2.0	5569901	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU06A	0.48	244.2	Lg	18:31:30.012	1.1					T__				---		5569902	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
LTVH	0.66	45.8	Lg	18:31:34.060	-0.5					T__				---		5569900	FDSN	HU	--	BUD	iLoc	HHZ	???	_	

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SIRR 0.73 154.1 Pg 18:31:26.104 -0.3 T__ 32.6 ___ ML 1.4 5569893 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.73 154.1 Lg 18:31:36.410 0.2 T__ ___ 5569894 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
BSZH 0.74 300.8 Sn 18:31:38.382 0.5 T__ ___ 5569892 FDSN HU -- BUD iLoc HHN ??? _
TENKA 0.93 321.8 Sn 18:31:42.944 0.5 T__ ___ 5569895 FDSN HU -- BUD iLoc HHN ??? _
HU23A 0.96 318.2 Sn 18:31:43.999 0.7 T__ ___ 5569896 FDSN ZJ 00 BUD iLoc HHN ??? _
DRGR 1.05 96.8 Lg 18:31:46.207 -0.1 T__ ___ 5569897 FDSN RO -- BUD iLoc HHE ??? _
HU02A 1.28 339.3 Sn 18:31:51.708 0.3 T__ ___ 5569898 FDSN ZJ 00 BUD iLoc HHE ??? _
PSZ 1.33 318.7 Pn 18:31:36.777 1.9 T__ 53.0 ___ ML 2.0 5569890 FDSN GE -- BUD iLoc HHN HHZ _
PSZ 1.33 318.7 Sn 18:31:53.053 0.3 T__ ___ 5569891 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BZS 1.34 167.4 Pn 18:31:35.958 1.0 T__ 28.2 ___ ML 1.7 5569899 FDSN RO -- BUD iLoc HHZ HHZ _
(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
2020/11/17 08:40:52.55 2.76 0.67 47.9420 20.4317 24.6 4.6 140 0.0f 7 4 247 0.19 0.56 sx BUD 16002770 BUD 344

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```

Magnitude Err Nsta Author OrigID
ML 1.1 0.3 3 BUD 16002770

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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 0.19 19.1 Pg 08:40:57.065 0.0 T__ 138.8 ___ ML 1.0 5569932 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.19 19.1 Lg 08:41:00.105 -0.6 T__ ___ 5569933 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ 0.36 266.5 Pg 08:41:01.049 0.4 T__ 69.5 ___ ML 1.1 5569934 FDSN GE -- BUD iLoc HHE HHZ _
PSZ 0.36 266.5 Lg 08:41:05.800 -1.0 T__ ___ 5569935 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.54 3.8 Lg 08:41:11.908 -0.0 T__ ___ 5569936 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.56 7.4 Pg 08:41:04.085 0.3 T__ 46.2 ___ ML 1.5 5569930 FDSN ZJ -- BUD iLoc HHE HHZ _
JOS 0.56 7.4 Lg 08:41:12.847 0.4 T__ ___ 5569931 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
2020/11/17 10:54:23.73 0.94 1.67 46.8536 17.2848 6.2 3.6 79 0.0f 10 6 142 0.14 1.13 sx BUD 16002772 BUD 214

```

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 4 BUD 16002772

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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 0.14 316.6 Pg 10:54:27.172 0.1 T__ 1741.2 ___ ML 1.9 5569988 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.14 316.6 Lg 10:54:30.092 0.2 T__ ___ 5569989 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A263A 0.21 174.4 Pg 10:54:29.187 0.6 T__ 702.9 ___ ML 1.7 5569987 FDSN Z3 00 BUD iLoc HHZ HHZ _

```

```

A263A  0.21 174.4 Lg      10:54:32.030 -0.3      T__          ---          5569986      FDSN Z3      00 BUD      iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MPLH   0.36 28.7 Pg      10:54:32.170  0.6      T__          97.2      --- ML      1.3 5569984      FDSN HU      -- BUD      iLoc HHZ HHZ _
MPLH   0.36 28.7 Lg      10:54:36.595 -1.0      T__          ---          5569985      FDSN HU      -- BUD      iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU08A  0.72 36.8 Lg      10:54:50.500  0.3      T__          ---          5569990      FDSN ZJ      00 BUD      iLoc HHZ ??? _
KOVH   0.95 143.4 Lg     10:54:54.478 -1.5      T__          ---          5569983      FDSN HU      -- BUD      iLoc HHN ??? _
MORH   1.13 123.8 Pn     10:54:44.222 -1.4      T__          43.9      --- ML      1.8 5569991      FDSN HU      -- BUD      iLoc HHZ HHZ _
MORH   1.13 123.8 Sn     10:54:58.710 -3.7      T__          ---          5569982      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
2020/11/17 11:00:09.77 1.13 0.93 48.1815 16.9552 8.1 5.7 168 0.0f 9 7 145 0.10 1.34 sx BUD 16002774 BUD 169

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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
ZST  0.10 81.5 Pg      11:00:12.611 0.2      T__          ---          5570031      FDSN SK      -- BUD      iLoc HHZ ??? _
ZST  0.10 81.5 Lg      11:00:14.625 -0.1      T__          ---          5570032      FDSN SK      -- BUD      iLoc HHN ??? _
MODS 0.29 48.1 Pg      11:00:16.248 0.1      T__          ---          5570029      FDSN SK      -- BUD      iLoc HHZ ??? _
MODS 0.29 48.1 Lg      11:00:20.554 -0.7      T__          ---          5570030      FDSN SK      -- BUD      iLoc HHZ ??? _
CONA 0.78 251.3 Lg     11:00:35.014 -0.3      T__          ---          5570033      FDSN OE      -- BUD      iLoc HHN ??? _
JAVC 0.83 34.8 Pg      11:00:26.939 0.2      T__          123.5      --- ML      2.1 5570036      FDSN CZ      -- BUD      iLoc HHZ HHZ _
VRAC 1.15 348.2 Lg     11:00:48.833 0.3      T__          ---          5570037      FDSN CZ      -- BUD      iLoc HHE ??? _
VYHS 1.29 75.3 Sn     11:00:51.621 -2.1      T__          ---          5570034      FDSN SK      -- BUD      iLoc HHN ??? _
ARSA 1.34 226.6 Pn     11:00:35.408 0.0      T__          114.6      --- ML      2.3 5570035      FDSN OE      -- 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
2020/11/17 13:02:56.70 1.14 0.66 47.8926 16.0249 7.0 6.2 135 0.0f 6 5 125 0.12 1.20 sx BUD 16002776 BUD 173

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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
CONA 0.12 288.1 Pg     13:02:58.800 -0.5      T__          212.0      --- ML      0.9 5570056      FDSN OE      -- BUD      iLoc HHZ HHZ _
CONA 0.12 288.1 Lg     13:03:01.861 0.7      T__          ---          5570057      FDSN OE      -- BUD      iLoc HHN ??? _
AO11B 0.49 185.3 Lg     13:03:12.626 0.1      T__          ---          5570060      FDSN Z3      00 BUD      iLoc HH2 ??? _
ARSA 0.73 208.1 Lg     13:03:20.429 0.5      T__          ---          5570058      FDSN OE      -- BUD      iLoc HHZ ??? _
MODS 0.97 59.7 Lg      13:03:31.612 0.4      T__          ---          5570059      FDSN SK      -- BUD      iLoc HHN ??? _
KRUC 1.20 11.8 Sn      13:03:36.708 -0.4      T__          ---          5570061      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
2020/11/18 07:22:00.34 0.76 1.60 47.2965 17.6701 20.0 3.9 139 0.0 0.0 5 0 196 0.15 1.07 kx BUD 16002778 BUD
2020/11/18 07:21:57.43 1.07 1.52 47.3300 17.6350f 0.0f 5 4 218 0.17 1.07 kx BUD_GT 16002779 BUD 335

```

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(locality : Ugod Hungary)
(description : known quarry blast)
(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	07:22:01.999	0.5					T__		312.3		---	ML	1.3	5570078	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MPLH	0.17	202.2	Lg	07:22:05.816	0.9					T__				---		5570079	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU08A	0.22	62.6	Lg	07:22:05.348	-1.3					T__				---		5570077	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
CSKK	0.43	85.3	Lg	07:22:12.366	-1.6					T__				---		5570076	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
HU10A	1.07	60.7	Sn	07:22:37.316	2.0					T__				---		5570080	FDSN	ZJ	00	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/18	10:31:48.03	0.99	0.42	48.5382	17.4512	10.5	3.6	124	0.0f		6	4	143	0.20	1.23	sx	BUD	16002780	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	
MODS	0.20	215.1	Pg	10:31:52.420	-0.2					T__				---		5570146	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.20	215.1	Lg	10:31:57.030	0.6					T__				---		5570147	FDSN	SK	--	BUD	iLoc	HHE	???	_	
JAVC	0.35	24.3	Pg	10:31:55.596	-0.0					T__		158.4		---	ML	1.5	5570148	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.35	24.3	Lg	10:32:01.602	-0.0					T__				---		5570149	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	0.92	92.2	Lg	10:32:20.119	0.1					T__				---		5570150	FDSN	SK	--	BUD	iLoc	HHE	???	_	
CONA	1.23	240.7	Sn	10:32:30.389	0.4					T__				---		5570151	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
2020/11/18	10:33:26.13	0.98	0.58	48.4458	19.5673	10.1	3.9	3	0.0f		6	4	169	0.49	0.65	sx	BUD	16002782	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	275.9	Pg	10:33:36.441	0.3					T__		26.4		---	ML	1.1	5570173	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
VYHS	0.49	275.9	Lg	10:33:42.988	-0.5					T__				---		5570172	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
PSZ	0.57	157.3	Lg	10:33:47.159	-0.2					T__				---		5570171	FDSN	GE	--	BUD	iLoc	HHE	???	_	
KECS	0.61	86.2	Lg	10:33:47.684	-0.0					T__				---		5570170	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.65	85.2	Pg	10:33:39.405	0.3					T__		78.2		---	ML	1.8	5570168	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	85.2	Lg	10:33:48.171	-0.7					T__				---		5570169	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
2020/11/18	11:00:41.06	0.34	1.81	46.8500	17.2500	5.3	3.2	135	0.0	0.0	9	0	120	0.10	0.86	sx	BUD	16002784	BUD			
2020/11/18	11:00:39.68	0.88	1.08	46.8548	17.2699f				0.0f		17	10	97	0.13	1.14	kx	BUD_GT	16002785	BUD			176

(locality : Várvolgy Hungary)

(description : known quarry blast)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

ML 2.7 0.0 4 BUD 16002785

Sta	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	11:00:43.700	0.8	T__	10455.0	___	ML	2.7	5087402	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	319.5	Lg	11:00:45.000	-0.6	T__		---			5087401	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
MPLH	0.37	30.2	Pg	11:00:47.600	0.0	T__	499.9	___	ML	2.0	5087396	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.37	30.2	Lg	11:00:53.200	-0.5	T__		---			5087397	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
HU08A	0.73	37.5	Lg	11:01:04.800	-1.6	T__		---			5087398	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
MSW2	0.78	54.8	Pg	11:00:55.700	0.2	T__	499.9	___	ML	2.6	5087396	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.78	54.8	Lg	11:01:06.600	-1.9	T__		---			5087397	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
MSW3	0.79	47.6	Lg	11:01:08.200	-0.3	T__		---			5087397	FDSN	HU	--	BUD	iLoc	HHE	???	_
KOGS	0.81	240.3	Pg	11:00:55.900	0.1	T__		---			5087399	FDSN	SL	--	BUD	iLoc	BHE	???	_
KOGS	0.81	240.3	Lg	11:01:09.000	2.6	T__		---			5087399	FDSN	SL	--	BUD	iLoc	BHE	???	_
CSKK	0.85	52.7	Pg	11:00:57.500	0.8	T__		---			5087400	FDSN	HU	--	BUD	iLoc	HHN	???	_
CSKK	0.85	52.7	Lg	11:01:10.300	-0.5	T__		---			5087400	FDSN	HU	--	BUD	iLoc	HHN	???	_
MSW1	0.86	51.1	Pg	11:00:58.200	1.1	T__	499.9	___	ML	2.7	5087396	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.86	51.1	Lg	11:01:10.100	-1.3	T__		---			5087397	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
KOVH	0.96	142.9	Pg	11:00:58.700	-0.3	T__		---			5087397	FDSN	HU	--	BUD	iLoc	HHE	???	_
KOVH	0.96	142.9	Lg	11:01:13.200	0.6	T__		---			5087397	FDSN	HU	--	BUD	iLoc	HHE	???	_
MORH	1.14	123.5	Sn	11:01:18.100	-0.5	T__		---			5087397	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
2020/11/18	11:17:53.84	2.26	1.39	48.6276	20.8470	19.9	6.4	2	0.0f		10	6	166	0.24	1.34	sx	BUD	16002786	BUD		236	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD	16002786

Sta	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	237.3	Pg	11:17:59.450	0.6					T__		394.6		___	ML	1.6	5570231	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.24	237.3	Lg	11:18:02.994	0.2					T__				---		5570232	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.28	239.1	Pg	11:17:59.978	0.4					T__	1153.7			___	ML	2.1	5570233	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.28	239.1	Lg	11:18:03.772	-0.3					T__				---		5570234	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ABAH	0.42	141.6	Pn	11:18:06.186	-1.0					T__	91.4			___	ML	1.4	5570236	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	141.6	Lg	11:18:10.591	0.8					T__				---		5570235	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.95	222.2	Pg	11:18:14.330	0.4					T__	63.5			___	ML	1.8	5570237	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.95	222.2	Lg	11:18:27.200	-0.9					T__				---		5570240	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOLS	0.99	71.5	Sn	11:18:33.847	3.1					T__				---		5570238	FDSN	SK	--	BUD	iLoc	HHE	???	_	
VYHS	1.34	265.0	Sn	11:18:38.047	-0.9					T__				---		5570239	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
2020/11/18	12:10:50.94	1.78	1.43	47.8454	20.1261	27.9	4.6	171	0.0	0.0	5	0	236	0.17	0.87	kx	BUD	16002788	BUD			
2020/11/18	12:10:49.07	1.02	0.98	47.8650	20.1529f				0.0f		6	4	228	0.18	0.85	kx	BUD_GT	16002789	BUD			323

(locality : Kiszána Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	2 BUD	16002789

Sta	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	12:10:53.856	0.3					T__		435.7		___	ML	1.4	5570263	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	12:10:56.836	-0.3					T__				---		5570264	FDSN	GE	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
HU02A	0.36	44.0	Pg	12:10:56.862	-0.0					T__		101.2		___	ML	1.3	5570265	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	12:11:01.805	-1.3					T__				---		5570266	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																									
JOS	0.68	22.1	Pg	12:11:02.719	-0.0					T__				---		5570268	FDSN	ZJ	--	iLoc	BUD	HHZ	???	_	
ABAH	0.85	59.0	Lg	12:11:21.395	1.7					T__				---		5570267	FDSN	HU	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/11/19	07:58:02.81	0.40	0.35	47.0885	18.0680	6.5	3.9	96	0.0	0.0	7	0	153	0.23	1.00	kx	BUD	16002790	BUD				
2020/11/19	07:58:01.25	0.97	0.88	47.0910	18.0220f				0.0f		7	5	146	0.21	1.00	kx	BUD_GT	16002791	BUD				187

(locality : Litér Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	3 BUD	16002791

Sta	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	204.8	Pg	07:58:06.819	0.8					T__		1122.0		___	ML	1.9	5087492	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
CSKK	0.32	30.8	Pg	07:58:08.161	0.1					T__		260.4		___	ML	1.6	5087488	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.32	30.8	Lg	07:58:12.566	-1.5					T__				---		5087489	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
MPLH	0.34	283.7	Lg	07:58:14.487	0.2					T__				---		5087491	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU08A	0.35	348.9	Lg	07:58:13.949	-0.9					T__				---		5087490	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOVH	1.00	176.9	Pn	07:58:21.979	0.6					T__		68.4		___	ML	1.9	5087494	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.00	176.9	Lg	07:58:35.571	-0.7					T__				---		5087493	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	
2020/11/19	09:22:39.05	0.30	1.24	48.2941	21.2267	4.8	2.9	170	0.0	0.0	13	0	113	0.01	1.61	kx	BUD	16002792	BUD				

2020/11/19 09:22:36.81 0.93 1.36 48.2470 21.2460f 0.0f 13 9 88 0.05 1.63 kx BUD_GT 16002793 BUD 153
 (locality : Táallya Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.9 0.3 4 BUD 16002793

Sta	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	09:22:38.362	-0.0					T__		24155.0		---	ML	2.8 5570325	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1 Station ML: 2.8 magdef=1)																								
HU02A	0.50	255.8	Pg	09:22:46.980	-0.4					T__		91.5		---	ML	1.6 5570326	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:22:54.977	-0.5					T__				---		5570327	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
JOS	0.53	298.1	Pg	09:22:47.640	0.1					T__		113.2		---	ML	1.8 5570328	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:22:54.574	-1.1					T__				---		5570329	FDSN	ZJ	--	iLoc	BUD	HHE	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
KECS	0.56	295.3	Lg	09:22:56.207	-0.4					T__				---		5570330	FDSN	SK	--	iLoc	BUD	EHN	???	_
HU05A	0.70	186.1	Lg	09:23:04.905	1.9					T__				---		5570331	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
TRPA	0.87	97.2	Lg	09:23:07.258	-1.0					T__				---		5570332	FDSN	HU	--	iLoc	BUD	HHN	???	_
PSZ	0.96	250.6	Pn	09:22:56.482	-0.1					T__		100.7		---	ML	2.0 5570335	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:23:09.979	-1.6					T__				---		5570336	FDSN	GE	--	iLoc	BUD	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
KOLS	0.97	44.4	Pg	09:22:56.961	1.6					T__				---		5570333	FDSN	SK	--	iLoc	BUD	HHZ	???	_
KOLS	0.97	44.4	Lg	09:23:11.175	0.1					T__				---		5570334	FDSN	SK	--	iLoc	BUD	HHE	???	_
VVHS	1.63	279.6	Sn	09:23:31.843	3.2					T__				---		5570337	FDSN	SK	--	iLoc	BUD	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2020/11/19 10:24:23.17 1.63 0.43 48.5755 20.8210 10.7 5.7 7 0.0f 8 6 181 0.20 1.03 sx BUD 16002794 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
JOS	0.20	247.0	Pg	10:24:27.467	0.0					T__		255.4		---	ML	1.3 5570362	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	247.0	Lg	10:24:30.755	-0.0					T__				---		5570363	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
KECS	0.24	247.6	Lg	10:24:32.112	0.0					T__				---		5570364	FDSN	SK	--	BUD	iLoc	EHN	???	_
ABAH	0.39	134.9	Lg	10:24:37.880	-0.3					T__				---		5570368	FDSN	HU	--	BUD	iLoc	HHZ	???	_
HU02A	0.49	203.6	Pg	10:24:34.072	0.5					T__		84.4		---	ML	1.6 5570365	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	203.6	Lg	10:24:41.115	-0.5					T__				---		5570366	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.90	223.6	Lg	10:24:55.176	-0.6					T__				---		5570367	FDSN	GE	--	BUD	iLoc	HHN	???	_
KOLS	1.03	69.0	Lg	10:24:58.470	-0.2					T__				---		5570369	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
 2020/11/19 11:06:41.10 1.17 0.85 45.5234 17.9784 20.9 4.6 118 0.0f 7 4 182 0.57 1.46 sx BUD 16002796 BUD 252

Magnitude Err Nsta Author OrigID

ML 2.1 0.1 4 BUD 16002796

Sta	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	0.57	8.5	Pg	11:06:52.875	-0.2					T__		81.9		---	ML	1.7 5570424	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
KOVH	0.57	8.5	Lg	11:07:01.583	0.0					T__				---		5570425	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
MORH	0.83	33.7	Pg	11:06:57.729	-0.3					T__		142.1		---	ML	2.1 5570428	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
MORH	0.83	33.7	Lg	11:07:11.521	0.8					T__				---		5570429	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 2.1 magdef=1)																										
(Station ML: 2.1 magdef=1)																										
BLY	0.96	216.3	Pg	11:06:59.253	-0.4					T__		101.3		---	ML	2.0 5570426	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_		
BLY	0.96	216.3	Lg	11:07:13.121	1.3					T__				---		5570427	FDSN	MN	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
PTJ	1.46	286.0	Pn	11:07:08.789	0.4					T__		81.2		---	ML	2.2 5570430	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_		
(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
2020/11/19	11:38:16.85	0.91	0.81	47.6101	16.3852	6.2	3.8	168	0.0f		11	8	116	0.14	0.97	sx	BUD	16002798	BUD			177

Magnitude Err Nsta Author OrigID
ML 1.7 0.4 3 BUD 16002798

Sta	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	57.9	Pg	11:38:19.789	-0.2					T__		130.2		---	ML	0.8 5570461	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
SOP	0.14	57.9	Lg	11:38:22.568	0.2					T__				---		5570462	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 0.8 magdef=1)																										
(Station ML: 0.8 magdef=1)																										
A011B	0.35	235.3	Lg	11:38:27.706	-0.7					T__				---		5570466	FDSN	Z3	00	BUD	iLoc	HHZ	???	_		
CONA	0.48	312.2	Pg	11:38:26.435	0.0					T__		131.9		---	ML	1.7 5570463	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
CONA	0.48	312.2	Lg	11:38:32.825	0.0					T__				---		5570464	FDSN	OE	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
ARSA	0.69	238.7	Lg	11:38:38.754	-0.1					T__				---		5570465	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
A013A	0.80	304.9	Lg	11:38:43.710	1.0					T__				---		5570467	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
A018A	0.89	279.1	Pg	11:38:35.069	0.9					T__		107.0		---	ML	2.0 5570468	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A018A	0.89	279.1	Sn	11:38:48.950	-0.7					T__				---		5570469	FDSN	Z3	00	BUD	iLoc	HHZ	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
MPLH	0.90	118.9	Lg	11:38:49.630	1.5					T__				---		5570470	FDSN	HU	--	BUD	iLoc	HHE	???	_		
MODS	0.97	37.8	Lg	11:38:51.253	-0.3					T__				---		5570471	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
2020/11/19	14:51:35.06	3.58	0.61	48.2257	22.0738	35.2	6.4	142	16.7	17.5	9	5	254	0.56	1.09	ke	BUD	16002800	BUD			339

Magnitude Err Nsta Author OrigID
ML 2.1 0.0 3 BUD 16002800

Sta	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	277.5	Pg	14:51:46.445	0.1					T__		196.7		---	ML	2.1	5570503	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.56	277.5	Lg	14:51:55.246	0.2					T__				---		5570502	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
KOLS	0.72	10.5	Pg	14:51:48.990	0.1					T__				---		5570504	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.72	10.5	Lg	14:51:59.189	-0.6					T__				---		5570501	FDSN	SK	--	BUD	iLoc	HHE	???	_	
HU02A	1.04	264.9	Pg	14:51:55.955	-0.3					T__		126.2		---	ML	2.2	5570499	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.04	264.9	Sn	14:52:09.619	0.8					T__				---		5570500	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
JOS	1.06	285.4	Pn	14:51:54.361	0.4					T__		102.0		---	ML	2.1	5570496	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.06	285.4	Sn	14:52:08.159	-0.7					T__				---		5570497	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
KECS	1.09	284.3	Sn	14:52:09.440	-0.2					T__				---		5570498	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
2020/11/20	09:06:05.38	1.52	0.67	48.5368	20.7441	11.1	4.4	10	0.0f		10	6	217	0.14	1.27	sx	BUD	16002804	BUD			290

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD	16002804

Sta	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	253.3	Pg	09:06:08.288	-0.2					T__		336.9		---	ML	1.2	5570679	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	253.3	Lg	09:06:11.880	1.0					T__				---		5570680	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=0)																					
KECS	0.18	252.8	Pg	09:06:08.832	-0.4					T__		516.0		---	ML	1.5	5570681	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.18	252.8	Lg	09:06:12.392	0.2					T__				---		5570682	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
ABAH	0.41	125.9	Pg	09:06:13.737	-0.0					T__		96.5		---	ML	1.4	5570683	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
HU02A	0.44	199.5	Pg	09:06:14.486	-0.3					T__		70.8		---	ML	1.4	5570684	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	199.5	Lg	09:06:21.907	-0.0					T__				---		5570685	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
PSZ	0.84	222.9	Pn	09:06:22.240	-1.3					T__		77.1		---	ML	1.9	5570686	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.84	222.9	Lg	09:06:36.314	0.5					T__				---		5570687	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=0)																					
VYHS	1.27	268.8	Pn	09:06:29.653	0.2					T__		28.0		---	ML	1.7	5570688	FDSN	SK	--	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
2020/11/20	09:54:18.30	1.18	0.49	47.9396	18.9833	14.0	5.3	120	0.0	0.0	6	0	255	0.10	1.18	kx	BUD	16002806	BUD			
2020/11/20	09:54:17.46	1.02	0.74	47.8355	19.1270f				0.0f		6	4	197	0.07	1.15	kx	BUD_GT	16002807	BUD			333

(locality : Sejce-Vác Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.8 0.2 2 BUD 16002807

Sta	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	09:54:19.499	0.0					T__		1385.8		---	ML	1.6	5570715	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:54:21.464	0.1					T__				---		5570716	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.52	80.6	Lg	09:54:37.392	0.1					T__				---		5570719	FDSN	GE	--	iLoc	BUD	HHE	???	_	
HU02A	0.98	72.5	Lg	09:54:52.361	-0.9					T__				---		5570720	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
JOS	1.15	54.5	Pn	09:54:40.660	0.9					T__		64.3		---	ML	1.9	5570717	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	1.15	54.5	Sn	09:54:56.309	-1.1					T__				---		5570718	FDSN	ZJ	--	iLoc	BUD	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
2020/11/20	09:58:15.55	0.97	1.28	48.4623	17.4111	7.5	3.3	132	0.0f		8	5	137	0.13	1.17	sx	BUD	16002808	BUD			201

Magnitude Err Nsta Author OrigID
 ML 1.6 0.5 3 BUD 16002808

Sta	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	0.13	225.2	Pg	09:58:18.201	-0.5					T__				---		5570742	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.13	225.2	Lg	09:58:20.410	-1.1					T__				---		5570743	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.43	23.3	Pg	09:58:24.316	-0.4					T__		138.6		---	ML	1.6	5570744	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.43	23.3	Lg	09:58:31.167	-0.7					T__				---		5570745	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KRUC	0.90	312.1	Lg	09:58:46.982	0.8					T__				---		5570746	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	0.95	87.6	Pg	09:58:35.161	0.5					T__		19.2		---	ML	1.3	5570747	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
CONA	1.17	243.3	Pg	09:58:38.563	0.0					T__		83.0		---	ML	2.1	5570748	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.17	243.3	Lg	09:58:55.870	2.3					T__				---		5570749	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
2020/11/20	11:05:18.30	1.72	0.99	48.2413	21.4459	14.7	5.6	160	0.0f		11	6	215	0.15	1.09	sx	BUD	16002810	BUD			320

Magnitude Err Nsta Author OrigID
 ML 1.8 0.1 4 BUD 16002810

Sta	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	291.8	Pg	11:05:21.966	0.2					T__		979.5		---	ML	1.7	5570794	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.15	291.8	Lg	11:05:25.680	0.8					T__				---		5570795	FDSN	HU	--	BUD	iLoc	HHE	???	_	

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.63 259.4 Pg 11:05:31.314 -0.1 T__ 78.6 ___ ML 1.7 5570796 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.63 259.4 Lg 11:05:41.738 0.3 T__ ___ 5570797 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.66 293.2 Pg 11:05:31.494 0.1 T__ 80.7 ___ ML 1.8 5570798 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.66 293.2 Lg 11:05:40.791 -0.6 T__ ___ 5570799 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.68 291.1 Pg 11:05:32.031 0.0 T__ 103.7 ___ ML 1.9 5570800 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.68 291.1 Lg 11:05:41.277 -1.1 T__ ___ 5570801 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 0.88 38.1 Pg 11:05:35.587 0.3 T__ ___ 5570802 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.88 38.1 Lg 11:05:47.445 -2.1 T__ ___ 5570803 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.09 253.3 Sn 11:05:56.179 -1.0 T__ ___ 5570804 FDSN GE -- 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
2020/11/20 21:02:11.86 0.98 1.02 45.6297 21.2488 7.6 3.8 128 12.0f 12 7 138 0.26 1.78 ke BUD 16002812 BUD 186

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Magnitude Err Nsta Author OrigID
ML 2.0 0.1 5 BUD 16002812

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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 0.26 92.8 Pg 21:02:17.246 -0.2 T__ 234.7 ___ ML 1.4 5570838 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.26 92.8 Lg 21:02:21.786 0.3 T__ ___ 5570839 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
BANR 0.26 197.9 Pg 21:02:17.163 -0.2 T__ 2406.3 ___ ML 2.4 5570836 FDSN RO -- BUD iLoc HHZ HHZ _
BANR 0.26 197.9 Lg 21:02:21.901 0.3 T__ ___ 5570837 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
SIRR 0.70 24.1 Pg 21:02:26.113 0.1 T__ 117.5 ___ ML 2.0 5570842 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.70 24.1 Lg 21:02:35.269 -0.3 T__ ___ 5570843 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
GZR 1.10 101.9 Pn 21:02:33.074 0.6 T__ 134.0 ___ ML 2.2 5570840 FDSN RO -- BUD iLoc HHE HHZ _
GZR 1.10 101.9 Lg 21:02:46.994 -0.5 T__ ___ 5570841 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
FRGS 1.12 245.5 Pn 21:02:32.503 0.4 T__ 83.4 ___ ML 2.0 5570844 FDSN SJ -- BUD iLoc BHE BHZ _
FRGS 1.12 245.5 Sn 21:02:47.665 -0.5 T__ ___ 5570845 FDSN SJ -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
DRGR 1.54 40.6 Lg 21:03:01.651 -0.0 T__ ___ 5570846 FDSN RO -- BUD iLoc HHE ??? _
LOT 1.78 95.0 Sn 21:03:07.729 2.8 T__ ___ 5570847 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
2020/11/21 12:57:42.71 3.60 1.40 48.5454 22.7726 38.7 6.7 81 5.0f 7 5 240 0.44 1.56 ke BUD 16002814 BUD 295

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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	
TRPA	0.44	200.7	Pg	12:57:51.920	0.5				T__			109.5		___	ML	1.6	5570878	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.44	200.7	Lg	12:57:57.943	-1.0				T__					---		5570872	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	0.51	319.8	Pg	12:57:51.998	-0.5				T__					---		5570873	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.51	319.8	Lg	12:58:01.609	0.8				T__					---		5570874	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ABAH	1.05	256.8	Sn	12:58:18.333	-1.2				T__					---		5570875	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	1.49	268.9	Sn	12:58:31.399	1.4				T__					---		5570876	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
HU02A	1.56	255.1	Sn	12:58:33.448	1.5				T__					---		5570877	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
2020/11/21	18:26:41.52	1.12	0.84	47.7908	16.1748	9.6	5.7	25	9.0f		5	4	108	0.25	0.94	ke	BUD	16002816	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	
CONA	0.25	303.2	Pg	18:26:46.937	-0.0				T__			80.4		___	ML	0.9	5570893	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	303.2	Lg	18:26:50.856	0.1				T__					---		5570894	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
SOP	0.28	112.4	Lg	18:26:51.599	0.1				T__					---		5570895	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.70	219.5	Lg	18:27:03.998	0.0				T__					---		5570897	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.94	51.3	Sn	18:27:13.215	-1.2				T__					---		5570896	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
2020/11/21	21:31:03.76	2.89	0.29	47.4283	18.2327	21.0	4.2	10	5.0f		6	3	275	0.04	0.09	ke	BUD	16002818	BUD			349

Magnitude	Err	Nsta	Author	OrigID																					
ML	0.4	0.1	3 BUD	16002818																					
Sta	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	153.2	Pg	21:31:05.284	0.0				T__			88.5		___	ML	0.4	5570916	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.04	153.2	Lg	21:31:06.439	-0.3				T__					---		5570915	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
CSKK	0.07	163.8	Pg	21:31:05.955	0.3				T__			96.0		___	ML	0.5	5570917	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	163.8	Lg	21:31:07.147	-0.3				T__					---		5570918	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
MSW3	0.09	238.1	Pg	21:31:05.992	0.1				T__			58.6		___	ML	0.3	5570919	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.09	238.1	Lg	21:31:07.873	-0.0				T__					---		5570920	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
2020/11/23	07:56:56.70	0.89	1.45	48.3707	18.6725	5.3	3.9	14	0.0f		13	7	114	0.16	1.25	sx	BUD	16002822	BUD			152

Magnitude Err Nsta Author OrigID
ML 2.0 0.0 5 BUD 16002822

Sta	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	0.16	41.4	Pg	07:57:00.322	0.0					T__		133.7		---	ML	0.9 5571026	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.16	41.4	Lg	07:57:03.049	-0.1					T__				---		5571027	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0)																								
HU10A	0.57	156.1	Lg	07:57:18.423	0.5					T__				---		5571031	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JAVC	0.83	306.7	Pg	07:57:13.916	0.3					T__		148.8		---	ML	2.1 5571033	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.83	306.7	Lg	07:57:24.212	-2.2					T__				---		5571034	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
A331A	0.84	339.2	Pn	07:57:16.003	1.0					T__		115.4		---	ML	2.0 5571028	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	0.84	339.2	Lg	07:57:25.543	0.9					T__				---		5571032	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
MODS	0.93	270.7	Pg	07:57:16.242	0.7					T__				---		5571037	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.93	270.7	Lg	07:57:28.484	-1.3					T__				---		5571038	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	0.94	118.5	Pn	07:57:18.215	1.9					T__		68.4		---	ML	1.9 5571036	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.94	118.5	Lg	07:57:28.434	-2.0					T__				---		5571035	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
JOS	1.25	83.6	Pn	07:57:22.025	1.6					T__		70.7		---	ML	2.0 5571029	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.25	83.6	Sn	07:57:37.926	-1.4					T__				---		5571030	FDSN	ZJ	--	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
2020/11/23	09:02:20.27	1.01	0.67	47.5444	18.4321	8.4	3.3	106	0.0f		8	5	144	0.10	1.06	sx	BUD	16002824	BUD			271

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 16002824

Sta	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	340.4	Pg	09:02:23.039	0.2					T__		1120.5		---	ML	1.6 5571068	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	340.4	Lg	09:02:24.813	-0.5					T__				---		5571069	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
CSKK	0.22	212.8	Pg	09:02:25.434	0.3					T__		230.4		---	ML	1.3 5571066	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.22	212.8	Lg	09:02:28.809	-0.6					T__				---		5571067	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
HU10A	0.50	52.6	Lg	09:02:38.278	-0.8					T__				---		5571072	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
VYHS	0.99	15.8	Pg	09:02:41.205	0.9					T__		32.1		---	ML	1.6 5571071	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.99	15.8	Lg	09:02:54.523	-0.3					T__				---		5571070	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
PSZ	1.06	68.7	Sn	09:02:58.284	-0.1					T__				---		5571073	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
2020/11/23	09:20:26.55	3.79	1.12	48.0868	16.0435	24.5	9.9	74	0.0f	5	4	259	0.20	1.37	sx	BUD	16002826	BUD			320	

Magnitude Err Nsta Author OrigID

Sta	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	0.20	217.6	Pg	09:20:30.869	0.1					T__		514.9		---	ML	1.6	5571107	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.20	217.6	Lg	09:20:32.630	-1.1					T__				---		5571108	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	0.73	242.5	Lg	09:20:50.978	0.9					T__				---		5571109	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
ARSA	0.91	203.0	Lg	09:20:55.898	0.4					T__				---		5571110	FDSN	OE	--	BUD	iLoc	HHE	???	_	
CKRC	1.37	303.1	Lg	09:21:10.382	-0.6					T__				---		5571111	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
2020/11/23	09:25:17.41	0.95	1.30	48.5111	17.4765	6.8	3.3	128	0.0f	9	6	133	0.19	1.27	sx	BUD	16002828	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	
MODS	0.19	224.0	Pg	09:25:21.262	-0.6					T__				---		5571132	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	224.0	Lg	09:25:24.681	-0.8					T__				---		5571133	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
JAVC	0.37	20.2	Pg	09:25:24.745	-0.6					T__	167.1			---	ML	1.6	5571134	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.37	20.2	Lg	09:25:31.186	-0.4					T__				---		5571135	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
KRUC	0.90	308.0	Lg	09:25:49.714	1.7					T__				---		5571137	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
VVHS	0.90	90.6	Lg	09:25:50.421	1.6					T__				---		5571136	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	1.23	242.2	Pg	09:25:41.339	-0.2					T__	67.1			---	ML	2.0	5571138	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.23	242.2	Lg	09:25:59.139	1.7					T__				---		5571139	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
MORC	1.27	1.9	Lg	09:25:58.831	0.2					T__				---		5571140	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
2020/11/23	10:04:21.12	0.97	1.18	47.5395	18.7134	6.0	3.6	148	0.0f	10	8	135	0.22	1.28	sx	BUD	16002830	BUD			176	

Magnitude Err Nsta Author OrigID

Sta	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	104.8	Lg	10:04:29.591	-0.8					T__				---		5571168	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU09A	0.24	294.0	Lg	10:04:30.031	-1.1					T__				---		5571167	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
CSKK	0.35	240.3	Pg	10:04:28.879	0.2					T__	152.2			---	ML	1.5	5571165	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.35	240.3	Lg	10:04:34.366	-0.7					T__				---		5571166	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.37	33.9	Lg	10:04:35.115	-0.3					T__				---		5571169	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
MPLH	0.88	245.6	Lg	10:04:52.615	0.8					T__				---		5571170	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	0.88	64.1	Lg	10:04:52.956	-0.4					T__				---		5571172	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VVHS	0.96	4.9	Pg	10:04:41.704	1.1					T__	28.8			---	ML	1.5	5571163	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.96	4.9	Lg	10:04:53.716	-1.0					T__				---		5571164	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	1.28	311.4	Sn	10:05:02.562	-2.1					T__				---		5571171	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
2020/11/23	11:49:20.04	0.92	0.86	48.3297	19.8674	5.1	3.8	174	0.0f		11	6	106	0.41	0.86	sx	BUD	16002832	BUD			168

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	6 BUD	16002832

Sta	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	177.5	Pg	11:49:29.401	0.3					T__		192.5		___	ML	1.7	5571200	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.41	177.5	Lg	11:49:36.169	0.3					T__				---		5571206	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.44	69.3	Pg	11:49:29.250	0.3					T__		271.6		___	ML	2.0	5571203	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.44	69.3	Lg	11:49:35.941	0.2					T__				---		5571205	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
JOS	0.48	69.4	Pg	11:49:29.812	0.1					T__		164.2		___	ML	1.8	5571204	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	69.4	Lg	11:49:36.907	-0.1					T__				---		5571207	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.49	115.0	Pg	11:49:30.515	0.2					T__		97.5		___	ML	1.6	5571202	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	115.0	Lg	11:49:36.687	-1.6					T__				---		5571201	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	0.71	283.8	Pg	11:49:34.759	0.3					T__		23.8		___	ML	1.3	5571208	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.71	283.8	Lg	11:49:43.698	-1.1					T__				---		5571209	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
LANS	0.86	342.3	Pn	11:49:39.985	1.3					T__		46.4		___	ML	1.6	5571210	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(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
2020/11/24	08:49:39.86	2.69	0.90	47.3638	18.3534	21.9	4.5	138	0.0f		7	5	108	0.06	1.18	sx	BUD	16002834	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	
CSKK	0.06	269.4	Pg	08:49:41.874	0.1					T__		1920.2		___	ML	1.8	5571239	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	269.4	Lg	08:49:43.775	-0.0					T__				---		5571240	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
HU09A	0.28	4.1	Pg	08:49:46.000	0.1					T__		234.8		___	ML	1.4	5571242	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.28	4.1	Lg	08:49:50.822	-0.2					T__				---		5571238	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
MORH	1.17	170.1	Sn	08:50:19.055	-0.7					T__				---		5571243	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
VYHS	1.18	15.8	Sn	08:50:19.507	-1.4					T__				---		5571241	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	1.18	61.4	Sn	08:50:20.080	-0.9					T__				---		5571244	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
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2020/11/24 09:12:22.01 1.64 0.96 48.5918 20.9453 15.6 8.2 154 0.0f 7 5 177 0.29 0.97 sx BUD 16002836 BUD 320

Magnitude Err Nsta Author OrigID

Sta	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	250.6	Pg	09:12:28.341	0.5					T__		132.7			ML	1.2 5571264	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.29	250.6	Lg	09:12:32.298	-0.1					T__						5571265	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
KECS	0.32	250.6	Pg	09:12:28.847	0.2					T__		364.7			ML	1.8 5571266	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.32	250.6	Lg	09:12:33.150	-0.6					T__						5571267	FDSN	SK	--	BUD	iLoc	EHE	???	_
HUO2A	0.55	211.0	Lg	09:12:42.690	0.4					T__						5571268	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
KOLS	0.94	68.2	Lg	09:12:54.328	-0.8					T__						5571270	FDSN	SK	--	BUD	iLoc	HHE	???	_
PSZ	0.97	226.6	Lg	09:12:55.471	-1.5					T__						5571269	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
 2020/11/24 09:30:38.02 0.95 1.21 48.5058 17.4952 7.0 3.4 132 0.0f 9 5 137 0.20 1.24 sx BUD 16002838 BUD 209

Magnitude Err Nsta Author OrigID

ML 1.5 0.4 3 BUD 16002838

Sta	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	09:30:42.007	-0.5					T__						5571293	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.20	227.7	Lg	09:30:45.875	-0.4					T__						5571294	FDSN	SK	--	BUD	iLoc	HHE	???	_		
JAVC	0.37	18.1	Pg	09:30:45.508	-0.5					T__		161.0			ML	1.5 5571298	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
JAVC	0.37	18.1	Lg	09:30:51.751	-0.5					T__						5571299	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
VYHS	0.89	90.3	Pn	09:30:59.026	1.9					T__		19.0			ML	1.3 5571301	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VYHS	0.89	90.3	Lg	09:31:09.988	1.0					T__						5571295	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
KRUC	0.92	307.8	Lg	09:31:10.400	1.3					T__						5571300	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
CONA	1.24	242.7	Pg	09:31:02.074	-0.3					T__		67.3			ML	2.0 5571296	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
CONA	1.24	242.7	Lg	09:31:19.490	1.2					T__						5571297	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
 2020/11/24 09:43:50.83 0.57 1.10 46.1104 18.2921 9.3 4.4 159 0.0 0.0 5 0 193 0.14 0.42 kx BUD 16002840 BUD
 2020/11/24 09:43:49.26 1.01 0.84 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 16002841 BUD 275

(locality : Komló Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

ML 1.3 0.0 2 BUD 16002841

Sta	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	09:43:52.460	-0.7					T__		358.6			ML	1.3 5571321	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_		
KOVH	0.16	236.7	Lg	09:43:55.799	-0.4					T__						5571322	FDSN	HU	--	iLoc	BUD	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										

```

(Station ML: 1.3 magdef=1
MORH 0.25 80.9 Pg 09:43:54.768 0.0 T__ 225.9 --- ML 1.3 5571323 FDSN HU -- iLoc BUD HHZ HHZ _
MORH 0.25 80.9 Lg 09:44:00.230 1.0 T__ --- 5571324 FDSN HU -- iLoc BUD HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A266A 0.35 356.8 Lg 09:44:03.726 1.1 T__ --- 5571325 FDSN Z3 00 iLoc BUD HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/11/24 09:50:51.50 0.93 1.04 45.7332 22.8293 5.1 3.8 98 0.0f 10 5 94 0.16 0.97 sx BUD 16002842 BUD 169

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.0 5 BUD 16002842

```

```

Sta 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 19.0 Pg 09:50:54.480 -0.0 T__ 932.3 --- ML 1.7 5571351 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.16 19.0 Lg 09:50:57.413 0.7 T__ --- 5571352 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
GZR 0.34 186.2 Pg 09:50:58.476 0.3 T__ 92.4 --- ML 1.2 5571353 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.34 186.2 Lg 09:51:03.700 0.5 T__ --- 5571354 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
LOT 0.72 113.0 Pg 09:51:05.499 0.1 T__ 154.9 --- ML 2.1 5571357 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 0.72 113.0 Lg 09:51:13.812 -2.2 T__ --- 5571358 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
BZS 0.86 262.6 Pg 09:51:07.632 -0.7 T__ 40.0 --- ML 1.6 5571355 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.86 262.6 Lg 09:51:19.823 -0.7 T__ --- 5571356 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
SIRR 0.97 303.7 Pg 09:51:11.999 0.7 T__ 33.0 --- ML 1.6 5571359 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.97 303.7 Lg 09:51:24.037 -0.8 T__ --- 5571360 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
2020/11/24 09:56:59.56 1.38 0.66 48.8116 20.3921 11.2 4.4 47 0.0f 11 7 192 0.33 1.08 sx BUD 16002844 BUD 238

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 5 BUD 16002844

```

```

Sta 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 0.33 162.8 Pg 09:57:05.995 -0.3 T__ 181.3 --- ML 1.5 5571393 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.33 162.8 Lg 09:57:11.809 0.4 T__ --- 5571394 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
KECS 0.33 169.3 Pg 09:57:05.937 -0.4 T__ 265.3 --- ML 1.7 5571395 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.33 169.3 Lg 09:57:11.719 0.2 T__ --- 5571396 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

HU02A	0.70	172.6	Pg	09:57:13.871	-0.1	T__	69.0	---	ML	1.7	5571398	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.70	172.6	Lg	09:57:25.857	1.0	T__		---			5571397	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
LANS	0.70	299.5	Pg	09:57:13.521	0.2	T__	50.9	---	ML	1.6	5571402	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
ABAH	0.76	132.2	Lg	09:57:26.874	-0.4	T__		---			5571401	FDSN	HU	--	BUD	iLoc	HHZ	???	_
PSZ	0.95	200.6	Pn	09:57:19.736	0.4	T__	73.3	---	ML	1.9	5571399	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.95	200.6	Lg	09:57:34.539	0.8	T__		---			5571400	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
VVHS	1.08	253.5	Lg	09:57:35.777	-1.0	T__		---			5571403	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
2020/11/24	10:03:16.29	1.47	0.53	48.8408	20.4856	10.0	6.1	45	0.0f		10	6	201	0.35	1.00	sx	BUD	16002846	BUD			293

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	16002846

Sta	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	174.1	Pg	10:03:23.483	0.2					T__		69.9		---	ML	1.1	5571434	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.35	174.1	Lg	10:03:29.201	0.5					T__				---		5571435	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.36	180.0	Pg	10:03:23.496	-0.1					T__	150.0			---	ML	1.5	5571436	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.36	180.0	Lg	10:03:29.067	-0.0					T__				---		5571437	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.72	177.9	Pg	10:03:31.045	-0.1					T__	64.2			---	ML	1.7	5571438	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	177.9	Lg	10:03:42.929	0.6					T__				---		5571439	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
LANS	0.74	295.2	Lg	10:03:41.014	0.1					T__				---		5571442	FDSN	SK	--	BUD	iLoc	EHE	???	_	
ABAH	0.74	137.1	Pg	10:03:31.045	0.0					T__	102.6			---	ML	1.9	5571440	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.74	137.1	Lg	10:03:42.494	-0.7					T__				---		5571441	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	1.00	203.3	Lg	10:03:51.295	-0.9					T__				---		5571443	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
2020/11/24	10:41:08.00	1.18	0.62	48.4430	19.5605	9.4	5.1	6	0.0f		7	5	168	0.48	0.72	sx	BUD	16002848	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	
VVHS	0.48	276.3	Lg	10:41:24.907	-0.3					T__				---		5571496	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.57	156.8	Lg	10:41:29.247	0.0					T__				---		5571497	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KECS	0.62	85.9	Lg	10:41:29.786	0.1					T__				---		5571491	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.65	85.0	Pg	10:41:21.270	0.2					T__	36.2			---	ML	1.4	5571492	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.65	85.0	Lg	10:41:30.567	-0.4	T__									5571493	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
HU02A	0.72	116.1	Pg	10:41:23.396	0.4	T__	53.8								5571494	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	116.1	Lg	10:41:33.180	-1.0	T__									5571495	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
2020/11/24	10:54:56.00	3.94	0.13	48.5976	20.6454	35.4	19.2	82	23.3	18.9	6	3	326	0.12	0.48	ke	BUD	16002850	BUD			351

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.3	3 BUD	16002850

Sta	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	214.7	Pg	10:55:00.868	-0.0					T__		115.0			ML	0.7	5571551	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	214.7	Lg	10:55:04.467	0.1					T__						5571552	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
KECS	0.16	222.9	Pg	10:55:01.291	0.0					T__		143.0			ML	0.9	5571553	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.16	222.9	Lg	10:55:04.915	-0.1					T__						5571554	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
HU02A	0.48	189.6	Pg	10:55:06.746	-0.0					T__		41.3			ML	1.3	5571555	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	189.6	Lg	10:55:14.545	0.1					T__						5571556	FDSN	ZJ	00	BUD	iLoc	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
2020/11/25	09:14:14.33	1.76	0.77	48.5715	20.7546	10.8	7.8	0	0.0f		10	6	162	0.16	1.28	sx	BUD	16002852	BUD			291

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	16002852

Sta	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	242.2	Pg	09:14:17.687	-0.1					T__		338.4			ML	1.3	5571663	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	242.2	Lg	09:14:21.224	0.7					T__						5571664	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.20	243.8	Pg	09:14:18.202	-0.3					T__		654.7			ML	1.7	5571665	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	243.8	Lg	09:14:21.865	0.0					T__						5571666	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.48	198.9	Pg	09:14:24.310	-0.1					T__		30.0			ML	1.1	5571667	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_
HU02A	0.48	198.9	Lg	09:14:31.904	-0.2					T__						5571668	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.87	221.7	Pg	09:14:32.622	-0.1					T__		57.7			ML	1.7	5571669	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	221.7	Lg	09:14:46.106	0.3					T__						5571670	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KOLS	1.07	69.6	Lg	09:14:51.793	0.6					T__						5571671	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.28	267.2	Sn	09:14:56.065	-1.7					T__						5571672	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
2020/11/25	09:29:03.61	1.92	0.03	45.9739	17.9755	20.2	17.4	139	0.0	0.0	4	0	334	0.14	0.52	kx	BUD	16002854	BUD			
2020/11/25	09:29:04.29	1.06	0.40	46.1204	18.0243f				0.0f		4	2	316	0.06	0.44	kx	BUD_GT	16002855	BUD			360

(locality : Bükkösd Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	2 BUD	16002855

Sta	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	09:29:06.447	0.2					T__		523.1		---	ML	1.2	5571693	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	09:29:07.661	-0.4					T__				---		5571694	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																									
MORH	0.44	77.4	Pg	09:29:13.750	0.2					T__		36.7		---	ML	1.1	5571696	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.44	77.4	Lg	09:29:20.185	-0.5					T__				---		5571695	FDSN	HU	--	iLoc	BUD	HHZ	???	_	
(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
2020/11/25	10:20:34.80	1.13	1.30	47.1076	18.0140	7.1	5.9	88	0.0f		10	8	111	0.31	1.49	sx	BUD	16002856	BUD			162

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	0.31	33.2	Lg	10:20:47.398	0.2					T__				---		5571719	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.33	349.3	Lg	10:20:47.834	0.0					T__				---		5571720	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.33	281.1	Pg	10:20:41.610	-0.3					T__		252.7		---	ML	1.6	5571721	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.33	281.1	Lg	10:20:48.090	0.6					T__				---		5571722	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0)																									
MORH	0.99	153.9	Lg	10:21:08.757	-0.4					T__				---		5571723	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	1.00	42.4	Sn	10:21:13.384	2.3					T__				---		5571726	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
KOVH	1.02	176.6	Pn	10:20:56.841	1.7					T__		73.4		---	ML	1.9	5571724	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.02	176.6	Lg	10:21:10.672	0.3					T__				---		5571725	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0)																									
MODS	1.36	338.8	Sn	10:21:18.459	-1.7					T__				---		5571727	FDSN	SK	--	BUD	iLoc	HHE	???	_	
VYHS	1.49	21.5	Sn	10:21:23.975	0.4					T__				---		5571728	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
2020/11/25	10:30:53.63	0.34	1.10	47.8843	19.1509	6.5	3.1	156	0.0	0.0	9	0	143	0.10	1.11	kx	BUD	16002858	BUD			
2020/11/25	10:30:51.48	0.95	1.53	47.8355	19.1270f				0.0f		9	6	150	0.07	1.15	kx	BUD_GT	16002859	BUD			197

(locality : Sejce-Vác Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
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ML 1.8 0.1 3 BUD 16002859

Sta	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	10:30:53.865	0.4					T__		3628.8		---	ML	2.1	5088923	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	10:30:55.620	0.3					T__				---		5088924	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
PSZ	0.52	80.6	Lg	10:31:10.027	-1.3					T__				---		5088925	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.6	Lg	10:31:14.803	-0.9					T__				---		5088926	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
CSKK	0.75	231.4	Lg	10:31:21.283	2.2					T__				---		5088927	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.98	72.5	Pn	10:31:10.347	-1.2					T__		51.1		---	ML	1.8	5088928	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	10:31:24.587	-2.7					T__				---		5088929	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	1.15	54.5	Pn	10:31:14.573	0.8					T__		35.3		---	ML	1.7	5088930	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.5	Sn	10:31:30.068	-1.3					T__				---		5088931	FDSN	ZJ	--	BUD	iLoc	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
2020/11/25	13:10:49.02	1.49	1.77	47.9306	16.0610	15.6	5.2	153	0.0f		7	5	193	0.13	1.15	sx	BUD	16002860	BUD			243

Magnitude Err Nsta Author OrigID
 ML 1.5 0.0 3 BUD 16002860

Sta	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	269.1	Pg	13:10:50.946	-1.0					T__		240.7		---	ML	1.1	5571822	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.13	269.1	Lg	13:10:53.584	-0.5					T__				---		5571823	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
AO13A	0.46	287.1	Pg	13:10:58.318	0.4					T__		84.1		---	ML	1.5	5571827	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
AO18A	0.69	254.6	Pg	13:11:01.408	-1.0					T__		40.1		---	ML	1.5	5571824	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
AO18A	0.69	254.6	Lg	13:11:14.163	3.1					T__				---		5571825	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MODS	0.93	61.0	Lg	13:11:22.845	0.7					T__				---		5571826	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KRUC	1.15	11.0	Lg	13:11:28.090	-0.1					T__				---		5571828	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
2020/11/26	08:09:01.68	2.30	1.17	46.0442	22.8813	18.3	5.2	47	0.0f		8	4	249	0.16	0.98	sx	BUD	16002862	BUD			289

Magnitude Err Nsta Author OrigID
 ML 1.6 0.0 4 BUD 16002862

Sta	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	174.6	Pg	08:09:04.710	-0.0					T__		517.6		---	ML	1.5	5571853	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.16	174.6	Lg	08:09:07.495	0.5					T__				---		5571854	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									

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(Station ML: 1.5 magdef=1
GZR 0.66 186.5 Pg 08:09:14.244 -0.0 T__ 53.6 ___ ML 1.6 5571855 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.66 186.5 Lg 08:09:23.323 -0.2 T__ ___ 5571856 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
SIRR 0.88 285.2 Pg 08:09:19.840 0.3 T__ 39.6 ___ ML 1.6 5571858 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.88 285.2 Lg 08:09:30.751 -1.4 T__ ___ 5571857 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
BZS 0.98 244.6 Pg 08:09:22.138 1.3 T__ 34.4 ___ ML 1.6 5571860 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.98 244.6 Lg 08:09:33.005 -1.6 T__ ___ 5571859 FDSN RO -- 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
2020/11/26	09:40:02.78	1.14	0.86	46.0009	22.8274	7.9	4.6	39	0.0f		10	6	107	0.13	0.93	sx	BUD	16002864	BUD		201	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	16002864

Sta	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	155.7	Pg	09:40:04.844	-0.4					T__		665.7		___	ML	1.5	5571889	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.13	155.7	Lg	09:40:07.546	0.5					T__				___		5571890	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
GZR	0.61	183.4	Pg	09:40:14.398	-0.1					T__		53.2		___	ML	1.6	5571891	FDSN	RO	--	BUD	iLoc	HHN	HHZ	_
GZR	0.61	183.4	Lg	09:40:23.541	0.4					T__				___		5571892	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
SIRR	0.85	288.6	Pg	09:40:20.250	0.1					T__		43.1		___	ML	1.6	5571894	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.85	288.6	Lg	09:40:31.058	-1.5					T__				___		5571895	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
LOT	0.86	129.6	Lg	09:40:32.492	0.6					T__				___		5571893	FDSN	RO	--	BUD	iLoc	HHE	???	_	
CJR	0.89	36.6	Lg	09:40:34.843	0.7					T__				___		5571898	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.93	246.0	Pg	09:40:21.889	1.0					T__		30.3		___	ML	1.5	5571896	FDSN	RO	--	BUD	iLoc	HHE	HHZ	_
BZS	0.93	246.0	Lg	09:40:33.261	-0.8					T__				___		5571897	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
2020/11/26	09:46:06.55	1.76	0.59	45.8865	18.3955	18.3	6.8	176	0.0	0.0	5	0	286	0.29	0.68	kx	BUD	16002866	BUD			
2020/11/26	09:46:08.79	1.01	2.60	46.1765	18.2926f				0.0f		5	3	155	0.16	0.42	kx	BUD_GT	16002867	BUD			290

(locality : Komló Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	2 BUD	16002867

Sta	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	09:46:11.999	-0.7					T__		536.3		---	ML	1.5	5571920	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	09:46:14.598	-1.1					T__				---		5571921	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.25	80.9	Pg	09:46:14.137	-0.1					T__		179.7		---	ML	1.2	5571922	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.25	80.9	Lg	09:46:17.749	-1.0					T__				---		5571923	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A265A	0.42	305.9	Lg	09:46:29.271	4.9					T__				---		5571924	FDSN	Z3	00	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/11/26	10:32:33.08	0.33	1.07	48.2384	21.2186	6.2	2.9	171	0.0	0.0	13	0	154	0.06	1.61	kx	BUD	16002868	BUD					
2020/11/26	10:32:31.29	0.93	1.13	48.2470	21.2460f				0.0f		13	8	153	0.05	1.63	kx	BUD_GT	16002869	BUD				206	
(locality : Táallya Hungary)																								
(description : known quarry blast)																								
(GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	5 BUD	16002869

Sta	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	10:32:33.009	0.1					T__		12851.2		---	ML	2.5	5571953	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
HU02A	0.50	255.8	Pg	10:32:41.544	-0.3					T__		66.5		---	ML	1.5	5571954	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	10:32:47.768	-2.2					T__				---		5571955	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
JOS	0.53	298.1	Pg	10:32:42.521	0.5					T__		95.5		---	ML	1.8	5571956	FDSN	ZJ	--	iLoc	BUD	HHN	HHZ	_
JOS	0.53	298.1	Lg	10:32:49.279	-0.9					T__				---		5571957	FDSN	ZJ	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.56	295.3	Lg	10:32:50.278	-0.8					T__				---		5571958	FDSN	SK	--	iLoc	BUD	EHN	???	_	
TRPA	0.87	97.2	Pg	10:32:48.664	0.4					T__		106.6		---	ML	2.0	5571961	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	10:33:02.238	-0.5					T__				---		5571962	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	0.96	250.6	Pn	10:32:51.686	0.6					T__		68.5		---	ML	1.9	5571959	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	10:33:05.235	-0.8					T__				---		5571960	FDSN	GE	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOLS	0.97	44.4	Pg	10:32:51.507	1.7					T__				---		5571963	FDSN	SK	--	iLoc	BUD	HHZ	???	_	
KOLS	0.97	44.4	Lg	10:33:07.335	1.8					T__				---		5571964	FDSN	SK	--	iLoc	BUD	HHN	???	_	
VYHS	1.63	279.6	Sn	10:33:24.188	1.1					T__				---		5571965	FDSN	SK	--	iLoc	BUD	HHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/11/26	10:43:49.02	1.99	0.16	48.3983	20.6562	17.3	3.9	80	0.0f		7	4	236	0.12	0.70	sx	BUD	16002870	BUD				265

Magnitude	Err	Nsta	Author	OrigID

ML 1.3 0.1 3 BUD 16002870

Sta	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	321.5	Pg	10:43:51.782	0.0					T__		438.8		---	ML	1.3	5571994	FDSN	ZJ	--	BUD	iLoc	HHE	HHZ	_
JOS	0.12	321.5	Lg	10:43:53.902	-0.1					T__				---		5571995	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.14	306.8	Pg	10:43:52.259	0.1					T__		474.1		---	ML	1.4	5571996	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.14	306.8	Lg	10:43:54.516	-0.1					T__				---		5571997	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.29	197.6	Pg	10:43:55.502	0.1					T__		49.8		---	ML	0.8	5571992	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.29	197.6	Lg	10:44:00.330	-0.1					T__				---		5571993	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
PSZ	0.70	227.0	Lg	10:44:14.493	-0.2					T__				---		5571998	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
2020/11/26	11:00:43.06	3.04	1.01	48.0517	16.9663	36.3	4.7	148	0.0f		7	5	198	0.38	1.26	sx	BUD	16002872	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	
MODS	0.38	32.7	Pg	11:00:49.849	-1.4					T__				---		5572021	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MODS	0.38	32.7	Lg	11:00:54.280	-3.5					---				---		5572022	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	0.75	261.0	Pg	11:00:57.840	-0.1					T__		47.2		---	ML	1.6	5572023	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.75	261.0	Lg	11:01:07.214	-0.7					T__				---		5572024	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
JAVC	0.93	29.9	Pg	11:01:03.218	1.1					T__		101.8		---	ML	2.0	5572025	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.93	29.9	Lg	11:01:16.664	0.1					T__				---		5572026	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
A013A	1.05	271.2	Lg	11:01:16.571	-0.2					T__				---		5572028	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	1.26	231.1	Sn	11:01:25.757	0.6					T__				---		5572027	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
2020/11/27	07:17:28.54	0.88	1.12	48.6845	19.2247	4.4	3.5	151	0.0f		12	7	84	0.32	1.03	sx	BUD	16002874	BUD		156	

Magnitude Err Nsta Author OrigID

ML 1.5 0.2 6 BUD 16002874

Sta	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	233.7	Pg	07:17:34.888	-0.3					T__		25.5		---	ML	0.6	5572064	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.32	233.7	Lg	07:17:40.458	0.3					T__				---		5572065	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=0)																									
LANS	0.49	18.9	Pg	07:17:38.269	-0.1					T__		29.0		---	ML	1.1	5572066	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.49	18.9	Lg	07:17:44.064	-1.1					T__				---		5572067	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.1 magdef=1)																									

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(Station ML: 1.1 magdef=1
A331A 0.81 305.5 Pg 07:17:45.523 1.1 T__ 48.0 ___ ML 1.6 5572068 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.86 103.1 Pg 07:17:47.313 1.7 T__ 67.6 ___ ML 1.8 5572059 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.86 103.1 Lg 07:17:57.225 -1.2 T__ ___ 5572060 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
PSZ 0.89 149.5 Lg 07:17:59.709 -0.8 T__ ___ 5572063 FDSN GE -- BUD iLoc HHN ??? _
JOS 0.89 101.7 Pg 07:17:47.672 1.5 T__ 25.2 ___ ML 1.4 5572057 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.89 101.7 Lg 07:17:58.301 -1.2 T__ ___ 5572058 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 1.03 122.5 Pn 07:17:49.234 -0.2 T__ 28.4 ___ ML 1.5 5572061 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.03 122.5 Lg 07:18:04.499 -0.2 T__ ___ 5572062 FDSN ZJ 00 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
2020/11/27	07:54:16.17	1.33	0.63	48.0348	20.6869	7.6	4.9	155	0.0f		9	5	203	0.14	0.55		sx BUD	16002876	BUD		269	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	5 BUD	16002876

Sta	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	308.9	Pg	07:54:19.857	0.2					T__		417.6		___	ML	1.3	5572101	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.14	308.9	Lg	07:54:22.345	-0.2					T__				---		5572102	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																									
ABAH	0.45	54.6	Pg	07:54:25.650	0.2					T__		48.6		___	ML	1.2	5572109	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0)																									
KECS	0.47	343.4	Pg	07:54:26.420	0.7					T__		133.3		___	ML	1.7	5572105	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.47	343.4	Lg	07:54:32.298	-0.7					T__				---		5572106	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0)																									
JOS	0.47	348.0	Pg	07:54:26.177	0.5					T__		51.6		___	ML	1.3	5572103	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	348.0	Lg	07:54:32.016	-1.0					T__				---		5572104	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																									
PSZ	0.55	257.9	Pg	07:54:27.957	-0.0					T__		36.7		___	ML	1.4	5572107	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.55	257.9	Lg	07:54:36.723	0.1					T__				---		5572108	FDSN	GE	--	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
2020/11/27	08:11:58.93	0.94	0.90	46.9800	22.2840	7.2	4.7	43	0.0f		15	11	97	0.35	1.92		sx BUD	16002878	BUD		138	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	11 BUD	16002878

Sta	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	122.6	Pg	08:12:06.475	0.3					T__		361.4		---	ML	1.8	5572192	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.35	122.6	Lg	08:12:10.970	-1.0					T__				---		5572193	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)				(Station ML: 1.8 magdef=0)																	
LTVH	0.48	327.3	Pg	08:12:09.401	0.2					T__		284.1		---	ML	2.1	5572194	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.1 magdef=1)				(Station ML: 2.1 magdef=1)																	
SIRR	0.83	211.3	Pg	08:12:15.964	0.2					T__		43.1		---	ML	1.6	5572196	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.83	211.3	Lg	08:12:27.131	-1.3					T__				---		5572197	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)				(Station ML: 1.6 magdef=0)																	
CJR	0.94	106.0	Pg	08:12:17.623	0.2					T__		380.0		---	ML	2.6	5572195	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.6 magdef=1)				(Station ML: 2.6 magdef=0)																	
HU05A	0.97	306.6	Pn	08:12:19.268	0.8					T__		173.4		---	ML	2.3	5572198	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.3 magdef=1)				(Station ML: 2.3 magdef=1)																	
TRPA	1.16	8.4	Pn	08:12:21.150	-0.2					T__		61.9		---	ML	1.9	5572199	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.16	8.4	Lg	08:12:37.190	-2.0					T__				---		5572200	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)				(Station ML: 1.9 magdef=1)																	
DEV	1.18	158.4	Pn	08:12:22.998	1.2					T__		264.4		---	ML	2.6	5572201	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.6 magdef=1)				(Station ML: 2.6 magdef=0)																	
BZS	1.44	199.0	Pn	08:12:25.629	0.3					T__		37.0		---	ML	1.9	5572202	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.44	199.0	Sn	08:12:45.529	-0.1					T__				---		5572203	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)				(Station ML: 1.9 magdef=1)																	
HU02A	1.65	314.4	Pn	08:12:28.153	-0.1					T__		30.4		---	ML	1.9	5572204	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.9 magdef=1)				(Station ML: 1.9 magdef=1)																	
PSZ	1.87	300.9	Pn	08:12:31.364	-0.1					T__		40.5		---	ML	2.1	5572205	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.1 magdef=1)				(Station ML: 2.1 magdef=1)																	
JOS	1.92	322.8	Pn	08:12:32.618	0.8					T__		26.7		---	ML	2.0	5572206	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
2020/11/27	09:35:42.65	0.93	0.90	47.6740	18.5379	4.8	3.1	141	0.0f		11	6	115	0.11	1.46	sx	BUD	16002880	BUD		163	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	5 BUD	16002880

Sta	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	251.5	Pg	09:35:45.119	-0.3					T__		2327.1		---	ML	2.0	5572252	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.11	251.5	Lg	09:35:47.527	-0.5					T__				---		5572253	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.0 magdef=1)				(Station ML: 2.0 magdef=1)																	
SRO	0.21	312.7	Pg	09:35:46.912	-0.3					T__		2557.3		---	ML	2.3	5572256	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

SR0	0.21	312.7	Lg	09:35:52.931	1.7	T__								5572257	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=0)																						
CSKK	0.36	211.3	Pg	09:35:50.574	0.3	T__	327.4							5572254	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.36	211.3	Lg	09:35:56.824	-0.0	T__								5572255	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
HU10A	0.37	62.0	Pg	09:35:50.423	-0.1	T__	136.7							5572259	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.37	62.0	Lg	09:35:56.884	0.1	T__								5572258	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																						
(Station ML: 1.5 magdef=1)																						
VYHS	0.84	13.6	Pg	09:36:00.430	0.6	T__	11.0							5572261	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.84	13.6	Lg	09:36:11.161	-1.1	T__								5572260	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.0 magdef=1)																						
(Station ML: 1.0 magdef=0)																						
MORH	1.46	177.1	Sn	09:36:28.632	-1.3	T__								5572262	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
2020/11/27	11:51:31.93	1.06	0.51	48.3341	19.8555	6.1	4.5	145	0.0f		9	5	146	0.42	0.70	sx	BUD	16002882	BUD		253	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	16002882

Sta	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	11:51:41.317	0.2					T__		157.8			ML	1.7	5572292	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.42	176.4	Lg	11:51:47.854	-0.1					T__						5572293	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.45	70.2	Pg	11:51:41.323	0.3					T__		179.8			ML	1.8	5572296	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.45	70.2	Lg	11:51:47.944	0.1					T__						5572297	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.48	70.2	Pg	11:51:41.695	0.0					T__		98.2			ML	1.6	5572298	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	70.2	Lg	11:51:48.776	-0.3					T__						5572299	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.50	115.1	Pg	11:51:42.879	0.4					T__		64.3			ML	1.5	5572294	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_
HU02A	0.50	115.1	Lg	11:51:49.494	-1.0					T__						5572295	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VYHS	0.70	283.6	Lg	11:51:56.037	-0.4					T__						5572300	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
2020/11/27	11:58:20.07	2.48	0.70	48.8260	20.7542	17.7	8.6	152	0.0f		9	6	230	0.36	1.07	sx	BUD	16002884	BUD		295	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	16002884

Sta	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	203.4	Pg	11:58:27.389	0.0					T__		92.4			ML	1.3	5572329	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS 0.36 203.4 Lg 11:58:33.562 0.7 T__ --- 5572330 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 KECS 0.39 207.5 Pg 11:58:27.594 -0.3 T__ 112.3 --- ML 1.4 5572327 FDSN SK -- BUD iLoc EHN EHZ _
 KECS 0.39 207.5 Lg 11:58:33.843 0.0 T__ --- 5572328 FDSN SK -- BUD iLoc EHE ??? _
 (Reading ML: 1.4 magdef=1
 (Station ML: 1.4 magdef=1
 ABAH 0.62 148.5 Lg 11:58:42.512 -0.3 T__ --- 5572334 FDSN HU -- BUD iLoc HHN ??? _
 HU02A 0.72 192.3 Pg 11:58:34.893 -0.1 T__ 45.4 --- ML 1.6 5572332 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU02A 0.72 192.3 Lg 11:58:46.240 0.1 T__ --- 5572331 FDSN ZJ 00 BUD iLoc HHE ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 KOLS 1.01 83.3 Lg 11:58:55.325 0.6 T__ --- 5572335 FDSN SK -- BUD iLoc HHN ??? _
 PSZ 1.07 212.6 Sn 11:58:57.227 -1.4 T__ --- 5572333 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
2020/11/27	15:20:29.11	1.12	0.68	47.5638	16.4102	7.8	3.7	146	0.0f	13	8	203	0.16	1.50	sx	BUD	16002886	BUD			241	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	5 BUD	16002886

Sta	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	0.16	39.9	Pg	15:20:32.864	0.3					T__		155.4		---	ML	0.9	5572368	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.16	39.9	Lg	15:20:35.335	0.1					T__				---		5572369	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0)																									
AO11B	0.34	243.3	Pg	15:20:35.809	-0.2					T__		82.3		---	ML	1.2	5572366	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
AO11B	0.34	243.3	Lg	15:20:40.086	-0.3					T__				---		5572367	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																									
CONA	0.52	314.8	Pg	15:20:39.113	-0.4					T__		51.7		---	ML	1.5	5572370	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.52	314.8	Lg	15:20:46.336	-0.1					T__				---		5572371	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
A005B	0.82	350.4	Lg	15:20:56.774	-0.2					T__				---		5572372	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A013A	0.84	306.8	Lg	15:20:56.498	0.3					T__				---		5572373	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A018A	0.92	281.8	Pg	15:20:47.193	0.3					T__		67.2		---	ML	1.8	5572374	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.92	281.8	Lg	15:21:00.152	1.7					T__				---		5572375	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
MODS	1.00	35.4	Lg	15:21:04.124	-0.6					T__				---		5572376	FDSN	SK	--	BUD	iLoc	HHE	???	_	
KRUC	1.50	359.6	Pn	15:20:56.620	-0.1					T__		53.5		---	ML	2.1	5572378	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.50	359.6	Sn	15:21:16.085	-0.9					T__				---		5572377	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	
2020/11/30	08:42:31.77	0.92	0.72	47.8642	18.7480	5.0	2.7	152	12.3	10.0	15	8	117	0.18	1.36	ke	BUD	16002892	BUD			161	

Magnitude	Err	Nsta	Author	OrigID

ML 1.8 0.2 8 BUD 16002892

Sta	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	0.18	95.8	Pg	08:42:36.740	0.5					T__		429.6		---	ML	1.4 5572549	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.18	95.8	Lg	08:42:39.387	-0.4					T__				---		5572550	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=0)																								
SR0	0.30	260.3	Pg	08:42:38.856	0.7					T__		1134.9		---	ML	2.2 5572544	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.30	260.3	Lg	08:42:43.210	-0.2					T__				---		5572551	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=0)																								
HU09A	0.33	227.7	Pg	08:42:38.632	-0.3					T__		573.5		---	ML	2.0 5572545	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.33	227.7	Lg	08:42:43.614	-1.1					T__				---		5572552	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
CSKK	0.60	213.5	Pg	08:42:44.000	0.2					T__		166.5		---	ML	2.1 5572546	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.60	213.5	Lg	08:42:53.463	-0.2					T__				---		5572547	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
VYHS	0.63	5.3	Pg	08:42:45.039	0.3					T__		40.1		---	ML	1.5 5572554	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.63	5.3	Lg	08:42:53.152	-0.8					T__				---		5572553	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU08A	0.71	232.4	Pg	08:42:46.376	0.5					T__		75.1		---	ML	1.8 5572555	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.71	232.4	Lg	08:42:56.999	0.1					T__				---		5572556	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
PSZ	0.77	85.6	Pg	08:42:47.904	-0.2					T__		55.4		---	ML	1.7 5572557	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.77	85.6	Lg	08:42:59.119	-0.5					T__				---		5572558	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
JOS	1.36	61.5	Pn	08:42:56.767	1.5					T__		45.7		---	ML	1.9 5572548	FDSN	ZJ	--	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	
2020/11/30	09:07:08.09	0.87	0.85	46.1208	18.0655	11.2	5.1	144	0.0	0.0	5	0	216	0.04	0.41	kx	BUD	16002894	BUD				
2020/11/30	09:07:06.02	1.02	0.80	46.1204	18.0243f				0.0f		5	3	221	0.06	0.44	kx	BUD_GT	16002895	BUD			316	
(locality : Bükkösd Hungary)																							
(description : known quarry blast)																							
(GT info : GT2 explosion)																							

Magnitude Err Nsta Author OrigID
ML 1.3 0.4 2 BUD 16002895

Sta	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	09:07:07.829	-0.1					T__		1324.8		---	ML	1.6 5572607	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	09:07:09.014	-0.8					T__				---		5572608	FDSN	HU	--	iLoc	BUD	HHZ	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
A273A	0.25	215.5	Lg	09:07:16.841	1.4					T__				---		5572609	FDSN	Z3	00	iLoc	BUD	HHN	???	_
MORH	0.44	77.4	Pg	09:07:15.305	0.0					T__		36.3		---	ML	1.1 5572610	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_

PSZ 0.68 205.9 Lg 13:58:19.105 -0.8 T__ --- 5572677 FDSN GE -- 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
2020/11/30	19:18:37.40	0.75	0.81	47.6965	18.3935	3.2	2.4	114	10.5	3.9	31	19	57	0.06	1.72	ke	BUD	16002900	BUD			96

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	17 BUD	16002900

Sta	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	0.06	187.4	Pg	19:18:40.035	0.2					T__		13256.7		---	ML	2.6	5572742	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.06	187.4	Lg	19:18:41.578	-0.4					T__				---		5572743	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 2.6 magdef=1																					
				(Station ML: 2.6 magdef=0																					
SR0	0.13	335.2	Pg	19:18:40.832	0.1					T__		3025.1		---	ML	2.1	5572744	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.13	335.2	Lg	19:18:43.301	-0.3					T__				---		5572745	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
				(Reading ML: 2.1 magdef=1																					
				(Station ML: 2.1 magdef=1																					
A338A	0.32	355.1	Pg	19:18:44.700	0.5					T__		339.3		---	ML	1.7	5572747	FDSN	Z3	00	BUD	iLoc	HH2	HHZ	_
A338A	0.32	355.1	Lg	19:18:49.870	0.2					T__				---		5572748	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=0																					
CSKK	0.35	195.2	Pg	19:18:44.460	-0.2					T__		314.1		---	ML	1.8	5572749	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.35	195.2	Lg	19:18:50.088	-0.6					T__				---		5572750	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1																					
				(Station ML: 1.8 magdef=1																					
HU08A	0.41	230.3	Pg	19:18:45.458	-0.5					T__		121.0		---	ML	1.5	5572751	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.41	230.3	Lg	19:18:52.018	-0.7					T__				---		5572752	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=0																					
HU10A	0.45	70.3	Pg	19:18:46.880	0.1					T__		191.0		---	ML	1.8	5572746	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.45	70.3	Lg	19:18:54.112	0.1					T__				---		5572753	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1																					
				(Station ML: 1.8 magdef=1																					
BUD	0.48	116.3	Pg	19:18:47.210	-0.2					T__		126.7		---	ML	1.7	5572754	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BUD	0.48	116.3	Lg	19:18:54.871	-0.2					T__				---		5572755	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=1																					
A267A	0.75	175.4	Pn	19:18:54.089	1.5					T__		105.7		---	ML	1.9	5572758	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.75	175.4	Lg	19:19:04.260	0.4					T__				---		5572759	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1																					
				(Station ML: 1.9 magdef=1																					
EGYH	0.77	249.1	Pg	19:18:52.353	-0.4					T__		223.5		---	ML	2.3	5572756	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
EGYH	0.77	249.1	Lg	19:19:04.130	0.3					T__				---		5572757	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.3 magdef=1																					
				(Station ML: 2.3 magdef=0																					
MPLH	0.78	228.1	Pg	19:18:52.943	-0.0					T__		156.3		---	ML	2.1	5572760	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.78	228.1	Lg	19:19:05.073	0.8					T__				---		5572761	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1																					
				(Station ML: 2.1 magdef=1																					
HU03A	0.84	75.2	Pn	19:18:53.964	0.1					T__		78.0		---	ML	1.9	5572764	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS 0.85 20.2 Pg 19:18:53.991 -0.5 T__ 26.4 ___ ML 1.4 5572762 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.85 20.2 Lg 19:19:04.884 -2.0 T__ ___ 5572763 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
TIH 0.87 203.3 Pg 19:18:54.846 0.4 T__ 230.4 ___ ML 2.3 5572765 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
MODS 1.01 312.5 Pn 19:18:56.396 -0.3 T__ ___ 5572766 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.01 312.5 Sn 19:19:09.724 -2.0 T__ ___ 5572767 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.04 77.1 Pn 19:18:57.361 0.5 T__ 46.2 ___ ML 1.7 5572768 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORH 1.49 173.3 Pn 19:19:04.006 1.3 T__ 42.8 ___ ML 2.0 5572769 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOVH 1.62 187.2 Lg 19:19:32.001 1.0 T__ ___ 5572770 FDSN HU -- BUD iLoc HHE ??? _
JOS 1.65 60.1 Pn 19:19:06.312 1.2 T__ 53.0 ___ ML 2.1 5572771 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CONA 1.72 278.7 Pn 19:19:06.732 0.1 T__ 56.9 ___ ML 2.2 5572772 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
2020/12/01 07:47:13.45 2.94 0.17 47.8908 20.0573 29.3 6.1 160 0.0f 4 3 230 0.11 0.69 sx BUD 16002902 BUD 334

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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
PSZ 0.11 284.2 Pg 07:47:16.473 -0.0 T__ 148.2 ___ ML 0.8 5572820 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.11 284.2 Lg 07:47:19.313 0.1 T__ ___ 5572821 FDSN GE -- BUD iLoc HHZ ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
HU02A 0.39 53.4 Lg 07:47:28.616 0.1 T__ ___ 5572818 FDSN ZJ 00 BUD iLoc HHE ??? _
JOS 0.69 27.9 Lg 07:47:37.632 -0.0 T__ ___ 5572819 FDSN ZJ -- BUD iLoc 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
2020/12/01 10:09:06.13 1.28 1.30 48.5112 20.7189 9.5 3.7 12 0.0f 11 6 204 0.12 1.27 sx BUD 16002904 BUD 218

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Magnitude Err Nsta Author OrigID
ML 1.3 0.0 5 BUD 16002904

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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 0.12 262.7 Pg 10:09:08.386 -0.4 T__ 432.4 ___ ML 1.3 5572846 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.12 262.7 Lg 10:09:11.985 1.1 T__ ___ 5572847 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
KECS 0.16 259.9 Pg 10:09:09.030 -0.5 T__ 967.1 ___ ML 1.7 5572848 FDSN SK -- BUD iLoc EHE EHZ _

```

KECS	0.16	259.9	Lg	10:09:13.092	0.9	T__								5572849	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
ABAH	0.41	121.6	Pg	10:09:15.084	0.6	T__	72.4							5572850	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	121.6	Lg	10:09:19.976	-1.7	T__								5572851	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																						
(Station ML: 1.3 magdef=1)																						
HU02A	0.41	198.5	Pg	10:09:14.648	-0.3	T__	69.5							5572852	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.41	198.5	Lg	10:09:21.794	0.1	T__								5572853	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																						
(Station ML: 1.3 magdef=1)																						
PSZ	0.81	223.2	Pn	10:09:23.177	-0.7	T__	64.9							5572854	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.81	223.2	Lg	10:09:36.086	0.6	T__								5572855	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=0)																						
TRPA	1.27	106.7	Sn	10:09:46.512	-2.7	T__								5572856	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
2020/12/01	10:29:38.55	2.10	0.18	48.2606	19.9046	16.6	6.8	117	0.0f		5	4	238	0.34	0.48	sx	BUD	16002906	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	
PSZ	0.34	181.1	Lg	10:29:52.128	0.1					T__						5572883	FDSN	GE	--	BUD	iLoc	HHE	???	_	
HU02A	0.44	108.2	Lg	10:29:55.099	-0.0					T__						5572884	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
KECS	0.45	59.9	Pg	10:29:47.544	-0.1					T__	94.2				ML	1.5	5572880	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
JOS	0.48	60.7	Pg	10:29:48.261	-0.1					T__	63.4				ML	1.4	5572881	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	60.7	Lg	10:29:55.996	0.2					T__						5572882	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
2020/12/01	14:09:42.35	1.25	0.56	47.5665	16.3844	8.9	4.6	137	0.0f		9	6	205	0.33	1.50	sx	BUD	16002910	BUD		245	

Magnitude Err Nsta Author OrigID
ML 1.5 0.6 3 BUD 16002910

Sta	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	0.33	241.5	Pg	14:09:48.863	-0.1					T__	80.7				ML	1.1	5572935	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.33	241.5	Lg	14:09:53.268	0.1					T__						5572936	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.51	315.9	Pg	14:09:52.346	-0.1					T__	69.1				ML	1.5	5572933	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.51	315.9	Lg	14:09:59.107	-0.2					T__						5572934	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A013A	0.83	307.4	Lg	14:10:09.506	0.5					T__						5572937	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A018A	0.90	281.8	Pg	14:09:59.850	0.0					T__	86.0				ML	1.9	5572938	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MODS	1.01	36.3	Pg	14:10:03.180	0.4					T__						5572939	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.01	36.3	Lg	14:10:17.830	-0.5					T__						5572940	FDSN	SK	--	BUD	iLoc	HHE	???	_	

KRUC 1.50 0.3 Sn 14:10:29.035 -1.1 T__ --- 5572941 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
2020/12/02	03:42:50.05	1.33	0.45	47.3788	18.2311	4.4	3.9	154	8.7	6.3	12	7	97	0.02	1.20	ke	BUD	16002912	BUD		129	

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	6 BUD	16002912

Sta	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	53.4	Pg	03:42:52.260	0.3					T__		709.3		---	ML	1.2	5572972	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.02	53.4	Lg	03:42:53.526	-0.2					T__				---		5572973	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CSKK	0.03	128.3	Pg	03:42:52.260	0.3					T__		876.4		---	ML	1.3	5572975	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.03	128.3	Lg	03:42:53.396	-0.3					T__				---		5572974	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
MSW3	0.07	273.4	Pg	03:42:52.614	0.2					T__		479.2		_d	ML	1.2	5572976	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.07	273.4	Lg	03:42:54.029	-0.4					T__				---		5572977	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MSW2	0.08	190.2	Pg	03:42:52.688	0.2					T__		423.4		_d	ML	1.1	5572979	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	190.2	Lg	03:42:54.365	-0.3					T__				---		5572978	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU08A	0.22	284.2	Pg	03:42:55.212	0.4					T__		82.2		---	ML	0.8	5572980	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.22	284.2	Lg	03:42:58.174	-0.5					T__				---		5572981	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
HU09A	0.28	21.5	Pg	03:42:56.050	0.1					T__		64.0		---	ML	0.9	5572982	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MORH	1.20	166.2	Sn	03:43:29.071	0.7					T__				---		5572983	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
2020/12/02	04:43:33.89	3.43	0.60	48.1148	19.0739	48.5	18.6	6	10.0f		6	4	182	0.58	2.16	ke	BUD	16002914	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	
PSZ	0.58	109.3	Pg	04:43:46.433	0.0					T__		83.7		---	ML	1.7	5573010	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.58	109.3	Lg	04:43:55.195	-0.1					T__				---		5573011	FDSN	GE	--	BUD	iLoc	HHE	???	_	
CSKK	0.93	216.4	Sn	04:44:06.480	0.3					T__				---		5573014	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HU02A	0.97	89.0	Pn	04:43:52.682	0.2					T__		62.2		---	ML	1.8	5573012	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.97	89.0	Sn	04:44:06.919	-0.4					T__				---		5573013	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
CONA	2.16	266.2	Sn	04:44:35.731	-0.9					T__				---		5573015	FDSN	OE	--	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
2020/12/02	08:36:25.03	2.53	1.07	47.7823	19.0819	21.7	6.8	22	0.0f		8	5	250	0.08	1.21	sx	BUD	16002916	BUD		271	

Magnitude Err Nsta Author OrigID
 ML 1.9 0.0 3 BUD 16002916

Sta	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	325.9	Pg	08:36:27.065	-0.0					T__		2432.3		---	ML	1.9	5573037	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	325.9	Lg	08:36:28.467	-0.5					T__				---		5573038	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	0.56	75.7	Lg	08:36:45.794	-0.5					T__				---		5573039	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
VYHS	0.73	347.1	Lg	08:36:51.070	0.3					T__				---		5573040	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	1.03	70.1	Pn	08:36:46.705	1.0					T__		57.9		---	ML	1.8	5573042	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.03	70.1	Sn	08:37:01.161	-1.0					T__				---		5573041	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	1.21	53.3	Pn	08:36:49.283	1.2					T__		55.8		---	ML	1.9	5573043	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.21	53.3	Sn	08:37:07.621	1.3					T__				---		5573044	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	
2020/12/02	09:14:23.37	0.61	0.64	46.0255	18.0786	10.4	6.0	141	0.0	0.0	5	0	175	0.06	0.44	kx	BUD	16002918	BUD				
2020/12/02	09:14:21.91	1.03	0.44	46.1204	18.0243f				0.0f		5	3	221	0.06	0.44	kx	BUD_GT	16002919	BUD			316	
(locality : Bükkösd Hungary)																							
(description : known quarry blast)																							
(GT info : GT2 explosion)																							

Magnitude Err Nsta Author OrigID
 ML 1.5 0.3 3 BUD 16002919

Sta	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	09:14:23.840	-0.0					T__		1054.0		---	ML	1.5	5573065	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	09:14:25.345	-0.3					T__				---		5573066	FDSN	HU	--	iLoc	BUD	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A273A	0.25	215.5	Pg	09:14:27.989	0.5					T__		488.2		---	ML	1.7	5573067	FDSN	Z3	00	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MORH	0.44	77.4	Pg	09:14:31.189	0.0					T__		50.8		---	ML	1.2	5573068	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
MORH	0.44	77.4	Lg	09:14:37.664	-0.6					T__				---		5573069	FDSN	HU	--	iLoc	BUD	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
2020/12/02	09:26:16.76	1.18	0.75	48.5574	20.7946	6.4	4.8	40	0.0f		13	8	123	0.18	1.30	sx	BUD	16002920	BUD			186

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 5 BUD 16002920

Sta	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	250.1	Pg	09:26:20.553	-0.0	T__	349.9	---	ML	1.3	5573100	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	250.1	Lg	09:26:24.356	0.8	T__		---			5573101	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
KECS	0.22	250.2	Pg	09:26:21.084	-0.3	T__	807.3	---	ML	1.8	5573102	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.22	250.2	Lg	09:26:25.285	0.4	T__		---			5573103	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
ABAH	0.40	131.3	Lg	09:26:32.072	0.3	T__		---			5573104	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU02A	0.47	202.5	Pg	09:26:26.540	-0.2	T__	58.8	---	ML	1.4	5573105	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	202.5	Lg	09:26:33.967	-0.4	T__		---			5573106	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
PSZ	0.88	223.6	Lg	09:26:48.560	0.1	T__		---			5573109	FDSN	GE	--	BUD	iLoc	HHE	???	_
KOLS	1.05	68.4	Lg	09:26:54.661	1.6	T__		---			5573110	FDSN	SK	--	BUD	iLoc	HHN	???	_
LANS	1.06	304.6	Pg	09:26:36.861	-0.8	T__	30.2	---	ML	1.6	5573107	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.06	304.6	Lg	09:26:52.997	0.4	T__		---			5573108	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
VYHS	1.30	267.9	Pn	09:26:41.857	0.5	T__	20.3	---	ML	1.5	5573111	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	267.9	Sn	09:26:59.964	-0.9	T__		---			5573112	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
2020/12/02	10:59:32.87	0.96	0.60	48.6924	19.9742	9.6	3.5	45	0.0f		9	6	150	0.40	0.93	sx	BUD	16002922	BUD			290

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	16002922

Sta	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	121.5	Pg	10:59:40.833	-0.1					T__		144.7		---	ML	1.6	5573144	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.40	121.5	Lg	10:59:47.083	-0.0					T__				---		5573145	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.42	117.5	Pg	10:59:41.109	-0.3					T__		80.4		---	ML	1.4	5573142	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.42	117.5	Lg	10:59:47.627	-0.3					T__				---		5573143	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
LANS	0.57	324.1	Pg	10:59:44.009	-0.1					T__		73.1		---	ML	1.7	5573146	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.57	324.1	Lg	10:59:52.205	0.3					T__				---		5573147	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.68	147.0	Pg	10:59:47.855	0.9					T__		56.6		---	ML	1.6	5573149	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.78	184.0	Lg	11:00:00.426	-0.6					T__				---		5573148	FDSN	GE	--	BUD	iLoc	HHE	???	_	
ABAH	0.93	114.8	Lg	11:00:06.157	0.8					T__				---		5573150	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
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2020/12/02 11:49:43.43 0.32 2.05 46.8883 17.3495 4.4 3.2 116 0.0 0.0 10 0 104 0.15 1.03 kx BUD 16002924 BUD
 2020/12/02 11:49:40.59 0.95 2.01 46.8548 17.2699f 0.0f 10 7 99 0.13 1.09 kx BUD_GT 16002925 BUD 149
 (locality : Várvolgy Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 2.0 0.0 3 BUD 16002925

Sta	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	11:49:43.926	0.1					T__		4730.4		---	ML	2.3	5090302	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	319.5	Lg	11:49:49.336	2.8					T__				---		5090303	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
A263A	0.22	171.8	Pg	11:49:46.365	0.8					T__		1331.8		---	ML	2.0	5090305	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.22	171.8	Lg	11:49:51.590	2.3					T__				---		5090304	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MPLH	0.37	30.2	Pg	11:49:46.237	-2.2					T__		513.1		---	ML	2.0	5090306	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.37	30.2	Lg	11:49:51.974	-2.6					T__				---		5090307	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU08A	0.73	37.5	Lg	11:50:05.728	-1.5					T__				---		5090308	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
KOGS	0.81	240.3	Sn	11:50:13.514	2.2					T__				---		5090309	FDSN	SL	--	BUD	iLoc	BHE	???	_	
KOVH	0.96	142.9	Lg	11:50:14.436	0.9					T__				---		5090310	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU09A	1.09	43.6	Sn	11:50:20.273	1.6					T__				---		5090311	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
 2020/12/02 13:15:33.27 2.49 0.78 47.6497 20.3250 15.8 5.8 3 10.8 17.0 12 7 111 0.04 0.89 ke BUD 16002926 BUD 214

Magnitude Err Nsta Author OrigID
 ML 1.5 0.4 5 BUD 16002926

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ATAN3	0.04	154.7	Pg	13:15:35.290	-0.3					T__		39129.9		---	ML	3.0	5573224	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
ATAN3	0.04	154.7	Lg	13:15:37.432	0.0					T__				---		5573225	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									
HU23A	0.05	258.2	Pg	13:15:35.808	0.0					T__		609.4		---	ML	1.2	5573226	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.05	258.2	Lg	13:15:38.174	0.5					T__				---		5573227	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.40	313.0	Pg	13:15:42.154	0.1					T__		60.4		---	ML	1.2	5573219	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.40	313.0	Lg	13:15:47.623	-0.8					T__				---		5573220	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU02A	0.49	15.8	Pg	13:15:43.243	-0.4					T__		68.6		---	ML	1.5	5573217	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	15.8	Lg	13:15:50.670	-0.6					T__				---		5573218	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.84	7.3	Sn	13:16:03.438	0.9					T__				---		5573221	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.86	9.6	Pg	13:15:51.490	1.2					T__		82.4		---	ML	1.9	5573222	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS 0.86 9.6 Sn 13:16:03.118 0.2 T__ --- 5573223 FDSN ZJ -- BUD iLoc HHZ ??? _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1
 ABAH 0.89 43.2 Lg 13:16:04.918 1.1 T__ --- 5573228 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
 2020/12/03 01:51:00.43 1.61 0.44 47.9397 20.2211 18.4 3.7 153 2.0f 6 3 216 0.22 0.60 ke BUD 16002928 BUD 332

Magnitude Err Nsta Author OrigID
 ML 0.9 0.2 3 BUD 16002928

Sta 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 0.22 264.6 Pg 01:51:05.669 0.2 T__ 108.7 --- ML 0.9 5573255 FDSN GE -- BUD iLoc HHZ HHZ _
 PSZ 0.22 264.6 Lg 01:51:08.954 -0.4 T__ --- 5573256 FDSN GE -- BUD iLoc HHE ??? _
 (Reading ML: 0.9 magdef=1
 (Station ML: 0.9 magdef=1
 HU02A 0.27 48.1 Pg 01:51:06.498 0.1 T__ 55.8 --- ML 0.8 5573254 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU02A 0.27 48.1 Lg 01:51:10.609 -0.4 T__ --- 5573257 FDSN ZJ 00 BUD iLoc HHZ ??? _
 (Reading ML: 0.8 magdef=1
 (Station ML: 0.8 magdef=1
 JOS 0.60 20.8 Pg 01:51:12.615 0.4 T__ 82.7 --- ML 1.7 5573259 FDSN ZJ -- BUD iLoc HHE HHZ _
 JOS 0.60 20.8 Lg 01:51:20.869 -0.3 T__ --- 5573258 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
 2020/12/03 09:18:07.68 1.13 0.62 47.1143 18.0418 7.2 7.0 66 0.0f 7 4 124 0.29 1.03 sx BUD 16002930 BUD 235

Magnitude Err Nsta Author OrigID
 ML 2.0 0.2 3 BUD 16002930

Sta 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 0.29 30.8 Lg 09:18:19.184 -0.4 T__ 165.6 --- ML 1.5 5573282 FDSN HU -- BUD iLoc HHN ??? _
 MPLH 0.35 279.4 Pg 09:18:15.563 0.4 T__ --- 5573284 FDSN HU -- BUD iLoc HHZ HHZ _
 MPLH 0.35 279.4 Lg 09:18:20.340 -0.7 T__ --- 5573283 FDSN HU -- BUD iLoc HHE ??? _
 (Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1
 MORH 0.99 155.1 Pn 09:18:27.427 -0.1 T__ 94.1 --- ML 2.0 5573286 FDSN HU -- BUD iLoc HHZ HHZ _
 MORH 0.99 155.1 Lg 09:18:42.154 0.2 T__ --- 5573285 FDSN HU -- BUD iLoc HHZ ??? _
 (Reading ML: 2.0 magdef=1
 (Station ML: 2.0 magdef=1
 KOVH 1.03 177.7 Pn 09:18:27.987 -0.1 T__ 120.9 --- ML 2.2 5573288 FDSN HU -- BUD iLoc HHZ HHZ _
 KOVH 1.03 177.7 Lg 09:18:42.605 -0.9 T__ --- 5573287 FDSN HU -- 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
 2020/12/03 09:31:41.08 2.85 1.11 48.7370 20.0651 17.4 10.3 158 0.0f 8 6 225 0.38 0.90 sx BUD 16002932 BUD 291

Magnitude Err Nsta Author OrigID
 ML 1.5 0.1 3 BUD 16002932

Sta	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	0.38	132.2	Pg	09:31:48.385	-0.4					T__		261.2		---	ML	1.8 5573314	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.38	132.2	Lg	09:31:54.346	-0.2					T__				---		5573319	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
JOS	0.40	127.3	Pg	09:31:48.667	-0.4					T__		139.4		---	ML	1.5 5573312	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.40	127.3	Lg	09:31:55.108	-0.1					T__				---		5573313	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU02A	0.69	153.4	Lg	09:32:06.877	0.8					T__				---		5573315	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
PSZ	0.83	188.0	Lg	09:32:10.924	-0.1					T__				---		5573317	FDSN	GE	--	BUD	iLoc	HHE	???	_
VYHS	0.85	253.9	Pn	09:32:01.063	1.6					T__		32.7		---	ML	1.5 5573318	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
ABAH	0.90	119.0	Lg	09:32:14.048	1.6					T__				---		5573316	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
2020/12/03	09:42:23.52	0.50	0.31	47.6877	19.0090	6.3	4.5	149	0.0	0.0	7	0	169	0.16	1.11	kx	BUD	16002934	BUD			
2020/12/03	09:42:24.49	0.99	0.69	47.8355	19.1270f				0.0f		6	4	197	0.07	0.98	kx	BUD_GT	16002935	BUD			263

(locality : Sejce-Vác Hungary)
 (description : known quarry blast)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 2 BUD 16002935

Sta	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	09:42:26.616	0.1					T__		2104.8		---	ML	1.8 5573355	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:42:28.565	0.2					T__				---		5573356	FDSN	ZJ	00	iLoc	BUD	HHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
PSZ	0.52	80.6	Lg	09:42:43.965	-0.3					T__				---		5573361	FDSN	GE	--	iLoc	BUD	HHE	???	_
VYHS	0.69	343.6	Lg	09:42:49.279	0.5					T__				---		5573357	FDSN	SK	--	iLoc	BUD	HHE	???	_
CSKK	0.75	231.4	Lg	09:42:42.706	-9.4					---				---		5573360	FDSN	HU	--	iLoc	BUD	HHE	???	_
HU02A	0.98	72.5	Pg	09:42:44.784	0.0					---		83.8		---	ML	2.0 5573359	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	09:42:58.922	-1.4					T__				---		5573358	FDSN	ZJ	00	iLoc	BUD	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
2020/12/03	09:45:10.12	1.70	0.47	48.5279	20.7941	9.5	7.3	34	0.0f		7	5	167	0.17	1.06	sx	BUD	16002936	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	0.17	259.3	Pg	09:45:13.588	-0.2					T__		259.6		---	ML	1.2 5573397	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	259.3	Lg	09:45:17.106	0.4					T__				---		5573398	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.21 257.8 Lg 09:45:17.945 -0.0 T__
HU02A 0.44 204.0 Pg 09:45:19.539 -0.0 T__ 69.8 --- ML 1.4 5573402 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.44 204.0 Lg 09:45:26.461 -0.4 T__ --- 5573400 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
PSZ 0.86 224.9 Lg 09:45:41.700 0.6 T__
KOLS 1.06 66.9 Lg 09:45:47.192 0.4 T__ --- 5573403 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
2020/12/03 10:10:15.13 1.16 0.55 48.4513 19.5605 7.9 5.0 179 0.0f 8 5 170 0.48 0.72 sx BUD 16002938 BUD 288

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.0 3 BUD 16002938

```

```

Sta 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 Lg 10:10:31.955 -0.4 T__
PSZ 0.58 157.1 Pg 10:10:27.817 0.2 T__ 87.1 --- ML 1.8 5573433 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.58 157.1 Lg 10:10:36.360 -0.2 T__ --- 5573430 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.62 86.7 Lg 10:10:36.795 -0.0 T__
JOS 0.65 85.7 Pg 10:10:28.599 0.4 T__ 75.1 --- ML 1.7 5573428 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.65 85.7 Lg 10:10:37.154 -0.9 T__ --- 5573429 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.72 116.7 Pg 10:10:30.469 0.3 T__ 94.6 --- ML 1.9 5573431 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.72 116.7 Lg 10:10:41.021 -0.4 T__ --- 5573432 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
2020/12/03 10:49:25.42 1.63 0.73 48.7766 21.2359 13.1 7.4 162 0.0f 9 6 196 0.48 1.24 sx BUD 16002940 BUD 299

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 3 BUD 16002940

```

```

Sta 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 0.48 179.7 Lg 10:49:42.332 -1.0 T__
JOS 0.54 239.0 Pg 10:49:36.217 -0.0 T__ 77.0 --- ML 1.7 5573461 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.54 239.0 Lg 10:49:44.150 -0.3 T__ --- 5573462 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.58 239.7 Pg 10:49:37.312 0.3 T__ 95.4 --- ML 1.8 5573459 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.58 239.7 Lg 10:49:44.816 -0.9 T__ --- 5573460 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOLS 0.70 76.7 Lg 10:49:49.850 -0.5 T__
HU02A 0.81 216.1 Pg 10:49:42.940 0.9 T__ 88.4 --- ML 1.9 5573463 FDSN ZJ 00 BUD iLoc HHZ HHZ _

```

```

HU02A  0.81 216.1 Lg      10:49:54.709  0.2          T__          ---          5573464  FDSN ZJ      00 BUD  iLoc HHN ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
PSZ    1.24 226.7 Sn      10:50:08.584  0.5          T__          ---          5573458  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
2020/12/04 08:21:52.25  3.56  1.07 48.4414  21.4146  21.8  8.2  69  0.0f      6   4 303  0.19  0.67  sx BUD      16002942  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
ABAH  0.19 218.8 Pg      08:21:56.474  0.1          T__      114.4          ___ ML  0.9 5573487  FDSN HU      -- BUD  iLoc HHZ HHZ _
ABAH  0.19 218.8 Lg      08:22:00.143  0.0          T__      ---          5573488  FDSN HU      -- BUD  iLoc HHE ??? _
(Reading ML:  0.9 magdef=1
(Station ML:  0.9 magdef=0
JOS   0.59 275.7 Pg      08:22:03.703 -0.2          T__      81.5          ___ ML  1.7 5573489  FDSN ZJ      -- BUD  iLoc HHZ HHZ _
JOS   0.59 275.7 Lg      08:22:14.280  1.4          T__      ---          5573490  FDSN ZJ      -- BUD  iLoc HHE ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=0
KECS  0.62 274.2 Lg      08:22:13.950 -0.1          T__      ---          5573492  FDSN SK      -- BUD  iLoc EHN ??? _
HU02A 0.67 242.1 Lg      08:22:15.766 -1.1          T__      ---          5573491  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
2020/12/04 10:14:36.49  0.43  1.13 47.8588  20.1357  5.2  4.3 121  0.0  0.0  8   0 129  0.17  0.69  kx BUD      16002944  BUD                243
2020/12/04 10:14:34.65  0.95  0.75 47.8650  20.1529f  0.0f      8   5 123  0.18  0.68  kx BUD_GT  16002945  BUD                243

```

(locality : Kismána Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 3 BUD 16002945

```

Sta  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      10:14:39.117 -0.0          T__      580.5          ___ ML  1.6 5573518  FDSN GE      -- iLoc BUD HHZ HHZ _
PSZ  0.18 287.2 Lg      10:14:42.165 -0.6          T__      ---          5573519  FDSN GE      -- iLoc BUD HHE ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
HU23A 0.24 163.9 Lg      10:14:44.374  0.1          T__      ---          5573520  FDSN ZJ      00 iLoc BUD HHE ??? _
HU02A 0.36 44.0 Pg      10:14:42.293 -0.2          T__      134.1          ___ ML  1.4 5573516  FDSN ZJ      00 iLoc BUD HHZ HHZ _
HU02A 0.36 44.0 Lg      10:14:47.902 -0.7          T__      ---          5573517  FDSN ZJ      00 iLoc BUD HHZ ??? _
(Reading ML:  1.4 magdef=1
(Station ML:  1.4 magdef=1
KECS  0.66 19.7 Lg      10:14:58.838  0.9          T__      ---          5573521  FDSN SK      -- iLoc BUD EHE ??? _
JOS   0.68 22.1 Pg      10:14:48.081 -0.2          T__      79.8          ___ ML  1.8 5573514  FDSN ZJ      -- iLoc BUD HHZ HHZ _
JOS   0.68 22.1 Lg      10:15:00.196  1.4          T__      ---          5573515  FDSN ZJ      -- iLoc BUD 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

```

2020/12/04 10:20:40.70 2.36 0.87 47.9490 20.3935 20.8 6.9 144 0.0f 6 4 238 0.19 0.56 sx BUD 16002946 BUD 339

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. Rows include HU02A, PSZ, KECS, JOS.

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

Magnitude Err Nsta Author OrigID

ML 1.5 0.8 3 BUD 16002948

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. Rows include HU10A, VYHS, HU02A, JOS, A331A.

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

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. Rows include MODS, JAVC, KRUC, CDNA, VYHS.

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/12/04	12:46:49.14	1.55	0.84	48.9092	21.5625	19.0	5.1	151	13.8	18.4	11	7	207	0.47	1.49	ke	BUD	16002952	BUD			260

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.0	4 BUD	16002952

Sta	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	86.8	Pg	12:46:58.695	0.3					T__						5573633	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.47	86.8	Lg	12:47:05.085	-0.7					T__						5573636	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.65	199.4	Pg	12:47:02.415	0.4					T__		159.4		---	ML	2.1	5573632	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
JOS	0.79	239.0	Pn	12:47:04.739	-0.2					T__		140.1		---	ML	2.1	5573635	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.79	239.0	Lg	12:47:15.406	-0.6					T__				---		5573637	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KECS	0.83	239.5	Sn	12:47:19.545	0.9					T__				---		5573638	FDSN	SK	--	BUD	iLoc	EHE	???	_	
TRPA	1.01	139.8	Pn	12:47:07.459	-0.6					T__		118.1		---	ML	2.1	5573639	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.01	139.8	Lg	12:47:22.826	-0.4					T__				---		5573640	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU02A	1.05	221.6	Pn	12:47:09.375	0.8					T__		115.0		---	ML	2.1	5573634	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.05	221.6	Sn	12:47:23.730	-0.4					T__				---		5573641	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
PSZ	1.49	228.9	Lg	12:47:38.954	-1.3					T__				---		5573642	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
2020/12/06	14:02:18.26	0.96	0.29	47.3487	18.1932	6.0	3.4	58	3.0f		8	4	141	0.05	0.06	ke	BUD	16002956	BUD			239

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.2	4 BUD	16002956

Sta	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	0.05	165.4	Pg	14:02:19.863	0.2					T__		7569.2		---	ML	2.3	5573751	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.05	165.4	Lg	14:02:20.702	-0.4					T__				---		5573752	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
CSKK	0.05	72.5	Pg	14:02:19.873	0.2					T__		308.6		---	ML	0.9	5573753	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.05	72.5	Lg	14:02:20.980	-0.1					T__				---		5573749	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MSW3	0.06	307.1	Pg	14:02:19.994	0.2					T__		151.2		_c_	ML	0.6	5573755	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.06	307.1	Lg	14:02:20.972	-0.3					T__				---		5573754	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
MSW1	0.06	45.3	Pg	14:02:20.049	0.1					T__		238.8		_d_	ML	0.9	5573756	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.06	45.3	Lg	14:02:21.297	-0.3					T__				---		5573750	FDSN	HU	--	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
2020/12/07	07:50:35.09	4.21	0.12	45.9046	18.4085	32.7	6.6	170	0.0f	4	2	282	0.28	0.35	sx	BUD	16002958	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	0.28	310.6	Pg	07:50:41.412	0.0					T__		61.5		---	ML	0.9	5573780	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.28	310.6	Lg	07:50:45.996	-0.1					T__				---		5573781	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	0.35	27.7	Pg	07:50:42.612	-0.0					T__		66.2		---	ML	1.1	5573778	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.35	27.7	Lg	07:50:48.628	0.1					T__				---		5573779	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	
2020/12/07	09:21:36.97	0.35	1.29	47.5815	18.4149	5.5	3.2	132	0.0	0.0	9	0	134	0.06	1.69	kx	BUD	16002960	BUD				
2020/12/07	09:21:34.33	0.93	1.57	47.5600	18.4573f				0.0f		9	7	145	0.09	1.68	kx	BUD_GT	16002961	BUD			181	

(locality : Tatabánya Hungary)

(description : known quarry blast)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	2 BUD	16002961

Sta	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	09:21:36.836	0.1					T__		1825.1		---	ML	1.8	5573803	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	09:21:38.603	-0.5					T__				---		5573804	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CSKK	0.24	214.2	Pg	09:21:39.512	-0.1					T__		372.4		---	ML	1.5	5573805	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	09:21:44.250	0.0					T__				---		5573806	FDSN	HU	--	iLoc	BUD	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU08A	0.38	250.6	Lg	09:21:50.452	1.4					T__				---		5573811	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
HU10A	0.47	52.8	Lg	09:21:51.752	-0.6					T__				---		5573807	FDSN	ZJ	00	iLoc	BUD	HHE	???	_	
VVHS	0.97	15.1	Lg	09:22:07.373	-0.8					T__				---		5573808	FDSN	SK	--	iLoc	BUD	HHE	???	_	
PSZ	1.03	69.2	Lg	09:22:11.831	0.1					T__				---		5573809	FDSN	GE	--	iLoc	BUD	HHE	???	_	
JOS	1.68	55.4	Sn	09:22:31.178	4.1					T__				---		5573810	FDSN	ZJ	--	iLoc	BUD	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/12/07	09:53:09.79	1.66	0.86	48.5417	20.7749	14.0	3.9	9	0.0f	9	6	219	0.16	1.29	sx	BUD	16002962	BUD			293	

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	4 BUD	16002962

Sta	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	253.8	Pg	09:53:13.226	-0.0					T__		241.9		---	ML	1.1	5573835	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	253.8	Lg	09:53:16.536	0.5					T__				---		5573836	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.20	253.2	Pg	09:53:13.706	-0.3					T__		919.9		---	ML	1.8	5573837	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	253.2	Lg	09:53:17.919	0.6					T__				---		5573838	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									


```

(Station ML: 1.8 magdef=1
ABAH 0.40 128.3 Pg 09:53:17.922 -0.0 T__ 71.9 --- ML 1.3 5573840 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.40 128.3 Lg 09:53:24.844 0.0 T__ --- 5573841 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.45 201.8 Pg 09:53:19.405 0.0 T__ 33.4 --- ML 1.1 5573839 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.86 223.7 Lg 09:53:40.196 -0.6 T__ --- 5573842 FDSN GE -- BUD iLoc HHE ??? _
VYHS 1.29 268.6 Sn 09:53:51.689 -1.8 T__ --- 5573843 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
2020/12/07 13:21:21.78 0.95 0.78 48.2325 19.8681 5.0 4.1 4 0.0f 9 5 128 0.31 0.92 sx BUD 16002964 BUD 242

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 4 BUD 16002964

```

```

Sta 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 0.31 176.8 Pg 13:21:29.107 0.2 T__ 327.4 --- ML 1.7 5573872 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.31 176.8 Lg 13:21:34.307 -0.0 T__ --- 5573875 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.45 103.8 Pg 13:21:31.310 -0.1 T__ 119.8 --- ML 1.6 5573874 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 103.8 Lg 13:21:38.827 -0.1 T__ --- 5573876 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.52 59.3 Pg 13:21:32.168 -0.1 T__ 93.4 --- ML 1.7 5573873 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 59.3 Lg 13:21:41.119 0.9 T__ --- 5573877 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 0.74 291.2 Pg 13:21:37.329 0.6 T__ 24.2 --- ML 1.3 5573871 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.74 291.2 Lg 13:21:46.434 -1.1 T__ --- 5573878 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH 0.92 85.5 Lg 13:21:53.374 -1.1 T__ --- 5573879 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
2020/12/08 04:25:10.57 2.46 0.63 45.8343 17.9502 20.1 5.1 174 5.0f 8 4 259 0.12 0.73 ke BUD 16002966 BUD 325

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.6 4 BUD 16002966

```

```

Sta 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 0.12 311.2 Pg 04:25:13.034 -0.4 T__ 294.1 --- ML 1.1 5573910 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.12 311.2 Lg 04:25:16.504 1.0 T__ --- 5573911 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KOVH 0.27 22.3 Pg 04:25:15.998 -0.4 T__ 34.4 --- ML 0.6 5573906 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.27 22.3 Lg 04:25:20.922 0.4 T__ --- 5573907 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1

```

```

(Station ML: 0.6 magdef=1
MORH 0.61 51.5 Pg 04:25:23.086 0.2 T__ 33.8 --- ML 1.4 5573908 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.61 51.5 Lg 04:25:31.333 -0.6 T__ --- 5573909 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A266A 0.73 17.4 Pn 04:25:26.043 0.0 T__ 119.3 --- ML 2.0 5573912 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.73 17.4 Sn 04:25:38.183 0.3 T__ --- 5573913 FDSN Z3 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
2020/12/08 08:02:05.67 4.16 1.21 48.6788 21.5223 35.5 23.2 149 0.0f 5 3 335 0.68 0.87 sx BUD 16002968 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
JOS 0.68 254.7 Pg 08:02:19.243 0.1 T__ 46.0 --- ML 1.5 5573935 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 254.7 Lg 08:02:30.345 1.0 T__ --- 5573936 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
KECS 0.72 254.5 Lg 08:02:29.436 -1.2 T__ --- 5573937 FDSN SK -- BUD iLoc EHE ??? _
HU02A 0.87 230.4 Pn 08:02:23.443 -0.6 T__ 34.1 --- ML 1.5 5573938 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.87 230.4 Lg 08:02:36.992 0.1 T__ --- 5573939 FDSN ZJ 00 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
2020/12/08 09:11:32.67 1.11 0.74 48.5546 18.7370 9.2 4.8 13 0.0f 8 7 158 0.09 1.27 sx BUD 16002970 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
VYHS 0.09 132.6 Pg 09:11:34.899 0.1 T__ 446.1 --- ML 1.2 5573960 FDSN SK -- BUD iLoc HHZ HHZ _
HU10A 0.73 165.0 Lg 09:11:59.589 0.2 T__ --- 5573965 FDSN ZJ 00 BUD iLoc HHN ??? _
JAVC 0.77 293.7 Lg 09:12:00.845 0.4 T__ --- 5573967 FDSN CZ -- BUD iLoc HHN ??? _
MODS 0.99 260.0 Lg 09:12:06.902 -0.8 T__ --- 5573966 FDSN SK -- BUD iLoc HHE ??? _
KECS 1.16 92.9 Lg 09:12:11.636 -1.0 T__ --- 5573961 FDSN SK -- BUD iLoc EHN ??? _
JOS 1.20 92.1 Lg 09:12:14.043 0.3 T__ --- 5573962 FDSN ZJ -- BUD iLoc HHZ ??? _
HU02A 1.27 109.3 Pn 09:11:57.178 0.3 T__ 31.9 --- ML 1.7 5573963 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.27 109.3 Sn 09:12:15.119 -0.8 T__ --- 5573964 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
2020/12/08 09:39:38.65 0.35 0.85 48.2626 21.2373 5.5 3.5 177 0.0 0.0 11 0 151 0.03 0.96 kx BUD 16002972 BUD
2020/12/08 09:39:37.09 0.93 0.69 48.2470 21.2460f 0.0f 11 7 153 0.05 0.97 kx BUD_GT 16002973 BUD 206

```

```

(locality : Tálya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

ML 1.9 0.2 5 BUD 16002973

Sta	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	09:39:38.951	0.3					T__		12709.1		---	ML	2.5 5573994	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:39:39.809	-0.4					T__				---		5573995	FDSN	HU	--	iLoc	BUD	HHE	???	_
(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=0)																								
HU02A	0.50	255.8	Pg	09:39:46.737	-0.9					T__		79.9		---	ML	1.6 5573996	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																								
JOS	0.53	298.1	Pg	09:39:48.286	0.5					T__		93.0		---	ML	1.7 5573997	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:39:55.394	-0.6					T__				---		5573998	FDSN	ZJ	--	iLoc	BUD	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
KECS	0.56	295.3	Lg	09:39:56.034	-0.9					T__				---		5573999	FDSN	SK	--	iLoc	BUD	EHN	???	_
TRPA	0.87	97.2	Pg	09:39:54.625	0.5					T__		120.4		---	ML	2.1 5574000	FDSN	HU	--	iLoc	BUD	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	09:40:08.200	-0.4					T__				---		5574001	FDSN	HU	--	iLoc	BUD	HHZ	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
PSZ	0.96	250.6	Pn	09:39:57.033	0.1					T__		65.7		---	ML	1.9 5574003	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:40:11.375	-0.5					T__				---		5574002	FDSN	GE	--	iLoc	BUD	HHE	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
KOLS	0.97	44.4	Pg	09:39:56.860	1.3					T__				---		5574004	FDSN	SK	--	iLoc	BUD	HHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/12/08	10:52:28.80	1.21	1.03	46.8428	17.3378	13.5	4.0	97	0.0f	7	4	198	0.20	1.10	sx	BUD	16002974	BUD			299	

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 3 BUD 16002974

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A263A	0.20	184.5	Pg	10:52:33.128	-0.3					T__		1002.9		---	ML	1.9 5574036	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.20	184.5	Lg	10:52:37.931	0.9					T__				---		5574037	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
MPLH	0.36	22.8	Pg	10:52:36.575	0.1					T__		98.6		---	ML	1.3 5574035	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.36	22.8	Lg	10:52:42.223	-0.2					T__				---		5574034	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
KOVH	0.92	144.8	Pg	10:52:47.147	-0.3					T__		61.5		---	ML	1.8 5574032	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.92	144.8	Lg	10:53:00.657	0.6					T__				---		5574033	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
MORH	1.10	124.4	Sn	10:53:04.908	-1.7					T__				---		5574031	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
2020/12/09	09:50:26.99	4.01	0.16	48.5767	20.8338	21.6	14.4	56	0.0f	6	5	297	0.21	1.33	sx	BUD	16002976	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	0.21	247.6	Pg	09:50:31.404	-0.0					T__		187.9		---	ML	1.2	5574057	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.21	247.6	Lg	09:50:35.047	0.2					T__				---		5574058	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
KECS	0.25	248.1	Lg	09:50:36.059	-0.1					T__				---		5574059	FDSN	SK	--	BUD	iLoc	EHE	???	_	
HU02A	0.50	204.5	Lg	09:50:45.650	0.1					T__				---		5574060	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.91	224.0	Lg	09:50:59.627	-0.2					T__				---		5574062	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VVHS	1.33	267.2	Sn	09:51:11.698	-0.1					T__				---		5574061	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	
2020/12/10	12:36:53.13	3.27	0.95	48.8079	21.2131	20.2	10.7	17	0.0f		8	6	250	0.51	1.25	sx	BUD	16002978	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	0.51	178.0	Lg	12:37:11.328	-0.8					T__				---		5574125	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.55	235.3	Pg	12:37:04.119	0.1					T__		62.5		---	ML	1.6	5574122	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	235.3	Lg	12:37:11.943	-0.3					T__				---		5574123	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
KECS	0.58	236.3	Lg	12:37:12.673	-0.9					T__				---		5574124	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.83	214.0	Pg	12:37:10.432	0.3					T__		37.9		---	ML	1.5	5574126	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.83	214.0	Lg	12:37:24.058	1.2					T__				---		5574127	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
TRPA	1.11	127.0	Lg	12:37:31.270	-0.4					T__				---		5574128	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.25	225.1	Sn	12:37:37.188	1.1					T__				---		5574129	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	
2020/12/11	10:22:41.64	1.81	0.68	47.9902	20.3895	20.0	4.3	144	0.0f		6	3	223	0.16	0.52	sx	BUD	16002980	BUD			336	

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.4	3 BUD	16002980

Sta	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	0.16	34.5	Pg	10:22:45.565	0.1					T__		111.0		---	ML	0.8	5574149	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.16	34.5	Lg	10:22:48.626	-0.1					T__				---		5574150	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
PSZ	0.34	258.0	Pg	10:22:49.733	0.4					T__		63.4		---	ML	1.0	5574151	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.34	258.0	Lg	10:22:54.113	-1.0					T__				---		5574154	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
JOS	0.52	11.1	Pg	10:22:52.378	0.3					T__		38.2		---	ML	1.3	5574152	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	11.1	Lg	10:22:59.856	-0.2					T__				---		5574153	FDSN	ZJ	--	BUD	iLoc	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			

2020/12/11 10:54:19.92 0.96 0.92 48.4298 19.5412 7.5 3.6 12 0.0f 9 5 165 0.47 0.73 sx BUD 16002982 BUD 288

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 4 BUD 16002982

Sta	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	278.1	Pg	10:54:30.080	0.4					T__		20.6		---	ML	0.9 5574187	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.47	278.1	Lg	10:54:35.971	-0.8					T__				---		5574188	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																								
PSZ	0.56	155.1	Pg	10:54:32.932	0.9					T__		47.4		---	ML	1.5 5574186	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.56	155.1	Lg	10:54:40.065	-0.8					T__				---		5574185	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
KECS	0.63	84.8	Lg	10:54:41.768	-0.3					T__				---		5574180	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.67	84.0	Pg	10:54:33.768	0.5					T__		45.5		---	ML	1.5 5574181	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	84.0	Lg	10:54:42.869	-0.5					T__				---		5574182	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
HU02A	0.73	114.7	Pg	10:54:35.410	0.4					T__		41.2		---	ML	1.5 5574183	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	114.7	Lg	10:54:44.931	-1.4					T__				---		5574184	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
2020/12/11 11:09:08.16 1.08 0.81 47.4407 18.7234 8.2 4.3 160 0.0f 9 7 178 0.21 1.39 sx BUD 16002984 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
BUD	0.21	78.0	Lg	11:09:16.769	-0.3					T__				---		5574237	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU09A	0.30	310.7	Lg	11:09:20.472	0.2					T__				---		5574230	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
CSKK	0.32	256.3	Pg	11:09:15.125	0.0					T__		201.4		---	ML	1.5 5574231	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.32	256.3	Lg	11:09:20.683	-0.4					T__				---		5574232	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU10A	0.45	26.1	Lg	11:09:24.758	-0.6					T__				---		5574238	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.92	58.4	Pn	11:09:28.929	1.4					T__		65.4		---	ML	1.8 5574234	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.92	58.4	Lg	11:09:42.158	0.3					T__				---		5574233	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	1.06	4.1	Lg	11:09:44.952	-0.1					T__				---		5574235	FDSN	SK	--	BUD	iLoc	HHZ	???	_
HU02A	1.39	60.0	Sn	11:09:55.109	1.0					T__				---		5574236	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
2020/12/11 11:34:25.98 0.82 0.97 47.9224 20.1905 12.9 3.5 156 0.0 0.0 8 0 219 0.20 1.07 kx BUD 16002986 BUD
2020/12/11 11:34:23.71 0.95 1.48 47.8650 20.1529f 0.0f 8 5 232 0.18 1.08 kx BUD_GT 16002987 BUD 254

(locality : Kisnána Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 16002987

Sta	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	11:34:28.837	0.7					T__		588.6		---	ML	1.6	5574264	FDSN	GE	--	iLoc	BUD	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	11:34:31.754	-0.1					T__				---		5574265	FDSN	GE	--	iLoc	BUD	HHE	???	_	
				(Reading ML: 1.6 magdef=1																					
				(Station ML: 1.6 magdef=1																					
HU02A	0.36	44.0	Pg	11:34:31.699	0.1					T__		93.9		---	ML	1.3	5574261	FDSN	ZJ	00	iLoc	BUD	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	11:34:36.851	-0.9					T__				---		5574262	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
				(Reading ML: 1.3 magdef=1																					
				(Station ML: 1.3 magdef=1																					
HU03A	0.37	276.2	Lg	11:34:38.858	1.0					T__				---		5574266	FDSN	ZJ	00	iLoc	BUD	HHZ	???	_	
JOS	0.68	22.1	Pg	11:34:37.581	0.2					T__		54.1		---	ML	1.6	5574263	FDSN	ZJ	--	iLoc	BUD	HHZ	HHZ	_
JOS	0.68	22.1	Lg	11:34:44.214	-3.6					T__				---		5574267	FDSN	ZJ	--	iLoc	BUD	HHN	???	_	
				(Reading ML: 1.6 magdef=1																					
				(Station ML: 1.6 magdef=1																					
VYHS	1.08	306.0	Lg	11:35:01.570	0.2					T__				---		5574268	FDSN	SK	--	iLoc	BUD	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/12/13	11:03:59.02	0.74	1.14	48.0016	19.9991	3.7	2.9	122	8.0	1.2	40	27	50	0.11	2.31	ke	BUD	16002988	BUD			91

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.2	19 BUD	16002988

Sta	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	220.2	Pg	11:04:02.000	-0.2					T__		4292.7		---	ML	2.2	5574391	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.11	220.2	Lg	11:04:04.123	-0.6					T__				---		5574392	FDSN	GE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.2 magdef=1																					
				(Station ML: 2.2 magdef=1																					
HU03A	0.29	250.1	Pg	11:04:05.602	0.4					T__		1346.1		---	ML	2.2	5574389	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.29	250.1	Lg	11:04:11.153	1.4					T__				---		5574390	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1																					
				(Station ML: 2.2 magdef=1																					
HU02A	0.37	70.9	Pg	11:04:06.264	-0.8					T__		730.0		---	ML	2.2	5574397	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.37	70.9	Lg	11:04:12.612	-0.5					T__				---		5574398	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 2.2 magdef=1																					
				(Station ML: 2.2 magdef=1																					
HU23A	0.40	155.0	Lg	11:04:14.145	0.3					T__				---		5574399	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ATAN3	0.46	148.5	Pg	11:04:08.727	-0.0					T__		2305.8		---	ML	2.9	5574393	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATAN3	0.46	148.5	Lg	11:04:16.218	0.5					T__				---		5574394	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.9 magdef=1																					
				(Station ML: 2.9 magdef=0																					
KECS	0.58	33.8	Lg	11:04:19.408	-0.0					T__				---		5574400	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.61	35.9	Pg	11:04:11.025	-0.2					T__		207.1		---	ML	2.2	5574401	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	35.9	Lg	11:04:20.530	0.2					T__				---		5574402	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1																					
				(Station ML: 2.2 magdef=0																					
HU10A	0.68	257.0	Pg	11:04:12.921	0.0					T__		296.0		---	ML	2.3	5574403	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.68	257.0	Lg	11:04:23.339	-0.2					T__				---		5574404	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.3 magdef=1																					
				(Station ML: 2.3 magdef=1																					
HU01A	0.71	201.4	Pn	11:04:14.189	0.3					T__		772.6		---	ML	2.8	5574405	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	0.71	201.4	Lg	11:04:24.212	0.0					T__				---		5574406	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.8 magdef=1																					

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(Station ML: 2.8 magdef=0
BSZH 0.73 165.4 Pn 11:04:13.804 -0.2 T__ 444.2 ___ ML 2.6 5574395 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
BUD 0.84 232.1 Lg 11:04:27.067 -1.7 T__ 5574407 FDSN HU -- BUD iLoc HHN ??? _
ABAH 0.88 70.0 Pg 11:04:15.911 -0.3 T__ 178.1 ___ ML 2.2 5574396 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU05A 0.89 120.0 Lg 11:04:29.692 -0.3 T__ 5574408 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.92 302.8 Pn 11:04:17.347 0.3 T__ 33.8 ___ ML 1.5 5574410 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.92 302.8 Lg 11:04:29.942 -0.8 T__ 5574409 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU09A 1.15 252.2 Pn 11:04:20.992 0.9 T__ 476.6 ___ ML 2.8 5574413 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
A271A 1.16 223.4 Lg 11:04:39.241 -0.1 T__ 5574414 FDSN Z3 00 BUD iLoc HHE ??? _
LANS 1.20 343.1 Pg 11:04:23.076 0.2 T__ 123.3 ___ ML 2.3 5574411 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 1.20 343.1 Lg 11:04:39.135 0.5 T__ 5574412 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
HU04A 1.24 196.8 Sn 11:04:39.764 1.5 T__ 5574415 FDSN ZJ 00 BUD iLoc HHZ ??? _
CSKK 1.34 242.1 Pn 11:04:24.966 2.3 T__ 188.9 ___ ML 2.5 5574418 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 1.34 242.1 Sn 11:04:43.944 2.7 T__ 5574419 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
HU24A 1.35 143.8 Pg 11:04:25.438 -1.0 T__ 219.2 ___ ML 2.6 5574416 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU24A 1.35 143.8 Lg 11:04:44.288 -0.3 T__ 5574417 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A272A 1.44 209.6 Sn 11:04:46.084 2.9 T__ 5574420 FDSN Z3 00 BUD iLoc HHN ??? _
A267A 1.47 224.8 Lg 11:04:48.872 -0.9 T__ 5574421 FDSN Z3 00 BUD iLoc HHE ??? _
TRPA 1.71 84.7 Pn 11:04:30.261 2.4 T__ 62.5 ___ ML 2.2 5574422 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.71 84.7 Lg 11:04:54.183 -1.6 T__ 5574423 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MORH 2.01 207.9 Pn 11:04:31.835 0.1 T__ 58.5 ___ ML 2.4 5574424 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
SIRR 2.07 146.2 Pn 11:04:33.109 0.2 T__ 23.9 ___ ML 2.0 5574425 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
DRGR 2.20 122.3 Pn 11:04:35.855 0.9 T__ 64.4 ___ ML 2.5 5574426 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
KOVH 2.31 214.9 Pn 11:04:35.841 -0.2 T__ 62.4 ___ ML 2.6 5574427 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 2.31 214.9 Pg 11:04:42.449 -1.9 T__ 5574428 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 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
2020/12/13	12:08:59.50	0.81	0.54	48.0056	20.0198	3.6	2.8	149	4.4	11.6	24	16	90	0.12	2.19	ke	BUD	16002990	BUD		135	

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 13 BUD 16002990

Sta	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	224.0	Pg	12:09:02.468	-0.1					T__		2187.8		---	ML	2.0 5574557	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.12	224.0	Lg	12:09:04.571	-0.6					T__				---		5574563	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
HU03A	0.30	250.3	Pg	12:09:06.185	0.3					T__		281.6		---	ML	1.6 5574558	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.30	250.3	Lg	12:09:11.275	0.7					T__				---		5574564	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=0)																								
HU02A	0.36	70.8	Pg	12:09:06.742	-0.4					T__		252.3		---	ML	1.7 5574559	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	70.8	Lg	12:09:12.735	-0.3					T__				---		5574565	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
HU23A	0.40	157.0	Pg	12:09:07.990	-0.1					T__		188.2		---	ML	1.7 5574560	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.40	157.0	Lg	12:09:14.496	0.4					T__				---		5574566	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
TENKA	0.42	147.7	Pg	12:09:08.650	0.3					T__		2610.8		---	ML	2.9 5574561	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																								
(Station ML: 2.9 magdef=0)																								
ATAN3	0.45	150.3	Pg	12:09:09.226	0.1					T__		2080.2		---	ML	2.9 5574562	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																								
(Station ML: 2.9 magdef=0)																								
KECS	0.57	32.9	Lg	12:09:19.849	0.4					T__				---		5574567	FDSN	SK	--	BUD	iLoc	EHE	???	_
JOS	0.60	35.1	Pg	12:09:11.499	0.1					T__		98.8		---	ML	1.8 5574568	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	35.1	Lg	12:09:20.889	0.5					T__				---		5574569	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
HU10A	0.69	257.0	Pg	12:09:13.392	-0.2					T__		105.2		---	ML	1.9 5574578	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
HU01A	0.71	202.4	Pn	12:09:15.003	0.1					T__		252.7		---	ML	2.3 5574570	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	0.71	202.4	Lg	12:09:24.469	-0.6					T__				---		5574571	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=1)																								
ABAH	0.87	70.0	Pg	12:09:16.808	0.4					T__		65.8		---	ML	1.8 5574572	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
ABAH	0.87	70.0	Lg	12:09:28.948	-0.9					T__				---		5574573	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
HU05A	0.88	120.7	Lg	12:09:30.616	0.1					T__				---		5574574	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
VYHS	0.93	302.1	Pg	12:09:18.888	0.7					T__		17.6		---	ML	1.3 5574575	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.93	302.1	Lg	12:09:30.388	-1.2					T__				---		5574576	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=0)																								
HU04A	1.25	197.3	Sn	12:09:40.373	0.6					T__				---		5574577	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
SIRR	2.07	146.6	Pn	12:09:33.691	-0.1					T__		24.8		---	ML	2.0 5574579	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
DRGR	2.19	122.6	Pn	12:09:36.298	0.5					T__		41.8		---	ML	2.3 5574580	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_

(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
2020/12/13	19:37:49.96	0.99	1.06	46.9426	21.2022	6.0	4.8	110	5.1	9.6	40	27	57	0.04	3.61	ke	BUD	16002992	BUD		69	

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.1	22 BUD	16002992

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU24A	0.04	222.1	Pg	19:37:52.208	0.7					T__		62791.9		___	ML	3.2	5574682	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.04	222.1	Lg	19:37:54.878	1.9					T__				---		5574701	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=0																									
HU06A	0.49	242.4	Pg	19:38:00.326	-0.0					T__		1212.6		___	ML	2.8	5574683	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1																									
HU05A	0.61	355.9	Pg	19:38:01.993	-0.6					T__		798.9		___	ML	2.7	5574684	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1																									
LTVH	0.65	46.9	Pg	19:38:03.090	-0.0					T__		422.7		___	ML	2.5	5574680	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																									
AMBH	0.68	209.1	Pg	19:38:04.011	0.1					T__				---		5574685	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
AMBH	0.68	209.1	Lg	19:38:14.371	0.4					T__				---		5574702	FDSN	HU	--	BUD	iLoc	HHE	???	_	
BSZH	0.73	299.6	Pn	19:38:05.486	0.2					T__		361.1		___	ML	2.5	5574686	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																									
SIRR	0.75	154.8	Pg	19:38:04.553	-0.4					T__		240.6		___	ML	2.3	5574679	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.75	154.8	Lg	19:38:15.617	-0.2					T__				---		5574703	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									
ATAN3	0.89	319.4	Pn	19:38:07.129	-0.2					T__		2643.0		___	ML	3.4	5574687	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATAN3	0.89	319.4	Sn	19:38:20.613	-0.3					T__				---		5574704	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=0																									
HU23A	0.95	317.4	Pn	19:38:08.494	0.1					T__		261.3		___	ML	2.4	5574688	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.95	317.4	Sn	19:38:22.286	-0.3					T__				---		5574705	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																									
DRGR	1.05	97.8	Pg	19:38:10.028	-0.6					T__		228.7		___	ML	2.4	5574678	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.05	97.8	Sn	19:38:24.357	-1.4					T__				---		5574706	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																									
HU07A	1.15	24.7	Lg	19:38:29.232	0.3					T__				---		5574707	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU01A	1.15	291.0	Pn	19:38:12.032	0.9					T__		436.4		___	ML	2.8	5574689	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	1.15	291.0	Sn	19:38:28.398	0.9					T__				---		5574708	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=0																									
HU21A	1.18	239.5	Pn	19:38:12.667	1.2					T__		258.7		___	ML	2.6	5574690	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU21A	1.18	239.5	Lg	19:38:29.797	-0.6					T__				---		5574709	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1																									

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(Station ML: 2.6 magdef=1
HU04A 1.19 264.3 Pn 19:38:12.742 1.2 T__ 185.2 --- ML 2.4 5574691 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU04A 1.19 264.3 Sn 19:38:29.508 1.2 T__ --- 5574710 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
HU02A 1.27 339.0 Pn 19:38:12.392 -0.5 T__ 84.2 --- ML 2.1 5574692 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.27 339.0 19:38:13.666 --- 5574693 FDSN ZJ 00 BUD iLoc HHZ ??? _
HU02A 1.27 339.0 Sn 19:38:30.423 -0.2 T__ --- 5574711 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
PSZ 1.32 318.2 Pn 19:38:13.458 -0.3 T__ 211.1 --- ML 2.6 5574694 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.32 318.2 19:38:14.479 --- 5574695 FDSN GE -- BUD iLoc HHZ ??? _
PSZ 1.32 318.2 Sn 19:38:31.771 -0.3 T__ --- 5574712 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
ABAH 1.35 1.1 Pn 19:38:15.165 1.2 T__ 87.4 --- ML 2.2 5574696 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
BZS 1.36 167.6 Pn 19:38:14.234 -0.0 T__ 52.2 --- ML 2.0 5574681 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.36 167.6 Sn 19:38:31.727 -1.0 T__ --- 5574713 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
HU03A 1.45 312.1 Pn 19:38:17.238 1.9 T__ 200.5 --- ML 2.6 5574697 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
TRPA 1.49 36.8 Lg 19:38:38.600 -1.1 T__ --- 5574714 FDSN HU -- BUD iLoc HHN ??? _
HU22A 1.55 247.4 Pg 19:38:19.628 -1.1 T__ 233.4 --- ML 2.7 5574698 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
JOS 1.62 344.2 Pn 19:38:19.810 2.1 T__ 45.3 --- ML 2.1 5574699 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.62 344.2 Sn 19:38:39.050 0.3 T__ --- 5574715 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
CJR 1.66 97.1 Lg 19:38:42.696 -1.7 T__ --- 5574716 FDSN RO -- BUD iLoc HHN ??? _
MORH 1.91 248.5 Pg 19:38:24.948 -2.5 T__ 52.2 --- ML 2.3 5574700 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
KOLS 2.12 19.5 Lg 19:38:59.634 0.3 T__ --- 5574717 FDSN SK -- BUD iLoc HHE ??? _
KOVH 2.31 249.4 Pg 19:38:33.218 -1.8 T__ 49.0 --- ML 2.5 5574718 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
AO11B 3.61 279.3 Pn 19:38:45.130 -0.3 T__ 46.3 --- ML 3.2 5574719 FDSN Z3 00 BUD iLoc HHZ HHZ _
(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
2020/12/14 01:57:34.00 0.93 0.59 47.6391 16.0251 4.6 4.2 54 7.0f 11 7 95 0.31 1.65 ke BUD 16002994 BUD 189

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Magnitude Err Nsta Author OrigID
ML 1.5 0.3 5 BUD 16002994

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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

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CONA	0.31	339.2	Pg	01:57:40.705	0.3	T__	56.2	---	ML	0.9	5574786	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.31	339.2	Lg	01:57:44.547	-0.3	T__		---			5574787	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=0)																			
SOP	0.36	82.8	Pg	01:57:41.525	0.1	T__	45.2	---	ML	1.0	5574788	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
SOP	0.36	82.8	Lg	01:57:46.033	-0.5	T__		---			5574789	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
ARSA	0.52	221.4	Pg	01:57:43.791	-0.3	T__	54.5	---	ML	1.5	5574790	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.52	221.4	Lg	01:57:50.924	0.2	T__		---			5574791	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
A260A	0.58	127.4	Pg	01:57:46.065	0.3	T__	151.3	---	ML	2.0	5574792	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
A008A	0.77	341.2	Pg	01:57:49.131	0.3	T__	59.4	---	ML	1.7	5574793	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.77	341.2	Lg	01:57:59.018	-0.4	T__		---			5574794	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
KRUC	1.45	9.7	Sn	01:58:19.683	0.6	T__		---			5574795	FDSN	CZ	--	BUD	iLoc	HHE	???	_
CKRC	1.65	316.5	Sn	01:58:25.734	1.3	T__		---			5574796	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
2020/12/14	07:45:51.92	1.05	1.30	47.1261	18.0412	6.2	4.8	143	0.0f		7	5	123	0.28	1.04	sx	BUD	16002996	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	
CSKK	0.28	32.1	Pg	07:45:58.360	0.3					T__		286.4		---	ML	1.5	5574822	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.28	32.1	Lg	07:46:03.022	-0.4					T__				---		5574823	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.32	345.4	Lg	07:46:03.944	-0.5					T__				---		5574824	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.35	277.5	Pg	07:45:59.914	0.5					T__		169.0		---	ML	1.5	5574827	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.35	277.5	Lg	07:46:04.456	-0.7					T__				---		5574825	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.00	155.3	Lg	07:46:27.362	0.8					T__				---		5574828	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
KOVH	1.04	177.7	Lg	07:46:25.919	-2.2					T__				---		5574826	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	
2020/12/14	10:06:47.39	0.88	0.89	47.8665	19.1333	7.8	2.7	166	0.0f		13	8	145	0.08	1.13	sx	BUD	16002998	BUD		170		

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 5 BUD 16002998

Sta	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	254.6	Pg	10:06:49.479	-0.0					T__		1972.4		---	ML	1.8	5574881	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	254.6	Lg	10:06:50.664	-0.8					T__				---		5574891	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
HU03A	0.32	83.0	Pg	10:06:54.711	0.4					T__		120.5		---	ML	1.3	5574883	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	83.0	Lg	10:07:00.396	0.9					T__				---		5574882	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
PSZ 0.51 83.9 Pg 10:06:58.059 -0.6 T__ 80.5 ___ ML 1.6 5574884 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.51 83.9 Lg 10:07:05.244 -1.7 T__ ___ 5574885 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.66 342.5 Lg 10:07:11.025 0.3 T__ ___ 5574886 FDSN SK -- BUD iLoc HHZ ??? _
CSKK 0.78 229.9 Lg 10:07:16.932 1.2 T__ ___ 5574892 FDSN HU -- BUD iLoc HHE ??? _
HU02A 0.97 74.2 Pn 10:07:06.702 -0.6 T__ 42.2 ___ ML 1.7 5574887 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.97 74.2 Lg 10:07:22.748 -0.0 T__ ___ 5574888 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 1.10 55.2 Sn 10:07:27.017 1.1 T__ ___ 5574893 FDSN SK -- BUD iLoc EHN ??? _
JOS 1.13 55.7 Pn 10:07:09.820 0.4 T__ 40.0 ___ ML 1.7 5574889 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.13 55.7 Sn 10:07:26.705 -0.1 T__ ___ 5574890 FDSN ZJ -- 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
2020/12/14 13:01:03.40 0.95 1.07 48.2184 19.8954 4.9 4.2 1 0.0f 8 4 125 0.30 0.76 sx BUD 16003000 BUD 236

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 4 BUD 16003000

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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 0.30 180.1 Pg 13:01:10.603 0.4 T__ 204.0 ___ ML 1.4 5574927 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.30 180.1 Lg 13:01:14.816 -0.6 T__ ___ 5574928 FDSN GE -- BUD iLoc HHZ ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.43 102.6 Pg 13:01:12.805 0.1 T__ 87.1 ___ ML 1.4 5574923 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.43 102.6 Lg 13:01:19.740 -0.1 T__ ___ 5574924 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS 0.51 56.9 Pg 13:01:13.587 -0.1 T__ 69.5 ___ ML 1.6 5574925 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.51 56.9 Lg 13:01:21.718 0.1 T__ ___ 5574926 FDSN ZJ -- BUD iLoc HHZ ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.76 291.7 Pg 13:01:20.015 1.2 T__ 15.1 ___ ML 1.1 5574929 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.76 291.7 Lg 13:01:28.032 -1.9 T__ ___ 5574930 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 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
2020/12/15 02:34:34.21 1.15 0.84 46.0547 17.1060 9.7 4.5 28 11.1 16.4 19 14 153 0.17 1.43 ke BUD 16003002 BUD 198

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Magnitude Err Nsta Author OrigID
ML 2.1 0.3 14 BUD 16003002

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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
A264A 0.17 50.5 Pg 02:34:37.802 -0.5 T__ 1218.6 ___ ML 1.8 5574981 FDSN Z3 00 BUD iLoc HHZ HHZ _

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
BEHE 0.47 331.2 Pg 02:34:42.927 -1.0 T__ 193.6 ___ ML 1.9 5574979 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A273A 0.51 105.4 Pg 02:34:44.643 0.1 T__ 195.4 ___ ML 2.0 5574985 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A263A 0.60 13.8 Pg 02:34:46.522 0.3 T__ 538.0 ___ ML 2.6 5574978 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
A265A 0.60 52.0 Pg 02:34:45.754 -0.6 T__ 401.0 ___ ML 2.4 5574980 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KOVH 0.69 86.9 Pg 02:34:47.297 -0.7 T__ 186.8 ___ ML 2.2 5574986 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KOGS 0.71 303.8 Pg 02:34:48.011 0.0 T__ 87.2 ___ ML 1.8 5574982 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.71 303.8 Lg 02:34:58.262 0.7 T__ ___ 5574992 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
A261A 0.90 1.9 Pg 02:34:50.951 -0.6 T__ 137.9 ___ ML 2.1 5574988 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.90 1.9 Lg 02:35:04.820 1.2 T__ ___ 5574993 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A262A 0.90 333.9 Pn 02:34:51.937 0.2 T__ 148.4 ___ ML 2.2 5574987 FDSN Z3 00 BUD iLoc HHZ HHZ _
A262A 0.90 333.9 Lg 02:35:04.346 0.9 T__ ___ 5574994 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A266A 0.93 59.2 Pn 02:34:51.683 -0.2 T__ 402.6 ___ ML 2.6 5574983 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.93 59.2 Sn 02:35:06.781 1.3 T__ ___ 5574995 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
TIH 1.01 32.5 Pn 02:34:52.591 -0.3 T__ 190.9 ___ ML 2.3 5574989 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
MORH 1.08 80.9 Pn 02:34:53.668 -0.2 T__ 41.5 ___ ML 1.7 5574984 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.08 80.9 Sn 02:35:10.790 1.8 T__ ___ 5574996 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
CRES 1.17 259.3 Pn 02:34:55.645 -0.3 T__ 70.5 ___ ML 2.0 5574990 FDSN SL -- BUD iLoc BHZ BHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU22A 1.43 78.3 Pn 02:34:58.783 0.1 T__ 124.3 ___ ML 2.4 5574991 FDSN ZJ 00 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
2020/12/15 03:13:06.37 1.45 1.30 46.0039 17.0307 13.5 6.2 1 3.0f 8 6 179 0.24 1.14 ke BUD 16003004 BUD 226

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Magnitude Err Nsta Author OrigID
ML 1.6 0.6 3 BUD 16003004

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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	
A264A	0.24	49.1	Pg	03:13:10.793	-0.7					T__		162.9		---	ML	1.2	5575057	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.24	49.1	Lg	03:13:14.410	-0.5					T__				---		5575062	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A265A	0.68	51.3	Pg	03:13:20.039	0.1					T__		138.8		---	ML	2.0	5575058	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KOGS	0.70	309.6	Lg	03:13:31.265	2.1					T__				---		5575064	FDSN	SL	--	BUD	iLoc	BHN	???	_	
PTJ	0.75	262.9	Lg	03:13:30.575	-1.3					T__				---		5575063	FDSN	CR	--	BUD	iLoc	BHN	???	_	
KOVH	0.75	83.2	Pg	03:13:21.697	0.3					T__		43.5		---	ML	1.6	5575059	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.75	83.2	Lg	03:13:32.928	1.3					T__				---		5575060	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	1.14	78.8	Lg	03:13:44.160	0.4					T__				---		5575061	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	
2020/12/15	08:48:47.30	1.35	0.36	46.1223	18.0516	10.0	6.8	63	0.0f		5	3	194	0.05	0.42	sx	BUD	16003006	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	
KOVH	0.05	135.3	Pg	08:48:49.121	0.1					T__		1261.3		---	ML	1.5	5575085	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.05	135.3	Lg	08:48:50.296	-0.3					T__				---		5575086	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A265A	0.35	329.6	Lg	08:49:00.247	-0.2					T__				---		5575088	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MORH	0.42	77.1	Pg	08:48:56.350	0.2					T__		64.5		---	ML	1.3	5575087	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
MORH	0.42	77.1	Lg	08:49:02.791	-0.2					T__				---		5575089	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		
2020/12/15	08:54:53.62	2.43	0.46	48.5808	20.8383	15.7	6.3	18	0.0f		7	5	249	0.22	0.92	sx	BUD	16003008	BUD			317		

Magnitude Err Nsta Author OrigID

Sta	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	0.22	246.9	Pg	08:54:58.121	-0.0					T__		319.6		---	ML	1.4	5575109	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.22	246.9	Lg	08:55:01.720	0.1					T__				---		5575110	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.25	247.5	Lg	08:55:02.821	-0.1					T__				---		5575111	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
ABAH	0.39	136.7	Lg	08:55:08.215	-0.3					T__				---		5575115	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.50	204.6	Pg	08:55:04.678	0.4					T__		39.6		---	ML	1.3	5575113	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	204.6	Lg	08:55:11.644	-0.7					T__				---		5575112	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.92	223.9	Lg	08:55:26.704	0.1					T__				---		5575114	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		
2020/12/15	09:16:37.63	1.12	0.37	47.4424	18.7231	9.5	4.4	163	0.0f		6	5	177	0.21	0.92	sx	BUD	16003010	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	
BUD	0.21	78.5	Lg	09:16:46.598	0.0					T__						5575137	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU09A	0.30	310.5	Lg	09:16:49.635	-0.1					T__						5575135	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.32	256.0	Pg	09:16:44.743	0.2					T__		153.6			ML	1.4	5575133	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.32	256.0	Lg	09:16:50.186	-0.4					T__						5575134	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU10A	0.45	26.3	Lg	09:16:54.841	0.0					T__						5575138	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.92	58.5	Lg	09:17:10.791	-0.5					T__						5575136	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	
2020/12/15	10:22:23.73	2.88	0.15	48.4029	20.6737	28.2	4.2	77	0.0f		5	3	243	0.13	0.30	sx	BUD	16003012	BUD			346	

Magnitude Err Nsta Author OrigID

Sta	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	316.2	Pg	10:22:26.600	0.0					T__		226.5			ML	1.0	5575154	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.13	316.2	Lg	10:22:28.661	-0.2					T__						5575155	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
KECS	0.15	302.8	Lg	10:22:29.622	0.1					T__						5575156	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.30	199.5	Pg	10:22:30.307	0.0					T__		35.5			ML	0.7	5575157	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.30	199.5	Lg	10:22:35.404	-0.0					T__						5575158	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 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	
2020/12/15	11:00:05.57	1.72	0.91	48.1341	18.9902	12.4	6.7	139	0.0f		9	6	217	0.29	1.10	sx	BUD	16003014	BUD			253	

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 4 BUD 16003014

Sta	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	0.29	176.2	Pg	11:00:12.169	0.3					T__		296.1			ML	1.6	5575182	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.29	176.2	Lg	11:00:15.986	-0.9					T__						5575183	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU03A	0.47	119.2	Lg	11:00:23.195	0.3					T__						5575184	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.92	212.8	Pg	11:00:24.038	0.2					T__		105.2			ML	2.0	5575187	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	1.03	90.1	Pn	11:00:26.505	0.2					T__		34.2			ML	1.6	5575188	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.03	90.1	Sn	11:00:41.136	-1.7					T__						5575189	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	1.06	70.2	Lg	11:00:42.190	-0.7					T__						5575190	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.10	70.1	Pn	11:00:27.152	0.0					T__		46.3			ML	1.8	5575185	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.10	70.1	Sn	11:00:43.634	-0.6					T__						5575186	FDSN	ZJ	--	BUD	iLoc	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
2020/12/15	12:07:32.82	0.97	0.55	47.5213	18.7122	7.1	3.5	153	0.0f		8	6	142	0.21	1.36	sx	BUD	16003018	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	
BUD	0.21	100.0	Lg	12:07:41.614	-0.3					T__						5575246	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.25	297.9	Lg	12:07:42.765	-0.4					T__						5575250	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.35	242.9	Pg	12:07:40.231	0.1					T__		117.9			ML	1.3	5575249	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.35	242.9	Lg	12:07:46.532	0.1					T__						5575248	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU10A	0.38	32.5	Pg	12:07:41.538	0.5					T__		117.4			ML	1.4	5575245	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.38	32.5	Lg	12:07:46.891	-0.8					T__						5575244	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
PSZ	0.89	63.1	Lg	12:08:04.960	-0.4					T__						5575247	FDSN	GE	--	BUD	iLoc	HHE	???	_	
HU02A	1.36	63.1	Sn	12:08:18.535	0.5					T__						5575251	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
2020/12/16	00:15:37.39	1.06	0.66	45.6948	18.0208	6.5	5.1	123	5.0f		22	16	162	0.26	1.80	ke	BUD	16003022	BUD			224

Magnitude Err Nsta Author OrigID

ML 2.2 0.2 10 BUD 16003022

Sta	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	327.2	Pg	00:15:42.868	-0.1					T__		607.5			ML	1.8	5575330	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.26	327.2	Lg	00:15:47.082	0.4					T__						5575331	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																					
KOVH	0.40	8.0	Pg	00:15:45.330	-0.3					T__		136.0			ML	1.5	5575333	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.40	8.0	Lg	00:15:50.690	-0.6					T__						5575336	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																					
MORH	0.68	39.6	Pg	00:15:50.595	-0.3					T__		91.6			ML	1.8	5575337	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.68	39.6	Lg	00:16:00.043	-0.8					T__						5575338	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																					
A264A	0.69	312.6	Lg	00:16:00.547	0.2					T__						5575339	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A265A	0.75	347.9	Pg	00:15:52.060	-0.3					T__		314.1			ML	2.4	5575332	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_
				(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																					
A266A	0.85	11.5	Pn	00:15:54.848	0.3					T__		407.1			ML	2.6	5575340	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.85	11.5	Sn	00:16:07.789	0.1					T__						5575341	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=0)																					
HU22A	1.00	50.3	Pg	00:15:57.055	0.2					T__		265.6			ML	2.5	5575342	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	1.00	50.3	Sn	00:16:12.953	1.6					T__						5575343	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=0)																					
A263A	1.07	332.8	Lg	00:16:12.776	0.6					T__						5575344	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
BLY	1.12	212.3	Pg	00:15:58.706	-0.1					T__		158.8			ML	2.3	5575335	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.12	212.3	Sn	00:16:13.625	-0.8					T__						5575345	FDSN	MN	--	BUD	iLoc	HHE	???	_	


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(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
BEHE 1.16 312.3 Sn 00:16:16.084 0.8 T__
TIH 1.21 355.8 Pg 00:16:00.922 0.0 T__ 199.9 --- ML 2.5 5575334 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A272A 1.24 31.7 Pg 00:16:01.822 0.4 T__ 97.5 --- ML 2.2 5575347 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A267A 1.29 14.2 Pg 00:16:03.780 1.4 T__ 89.9 --- ML 2.2 5575348 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KOGS 1.44 302.1 Lg 00:16:23.831 0.5 T__
PTJ 1.45 279.1 Sn 00:16:22.914 -0.1 T__
CRES 1.80 275.1 Lg 00:16:34.664 -0.4 T__

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/12/16 05:01:21.54 1.85 0.59 45.6926 21.7405 18.4 4.0 111 5.0f 10 6 197 0.12 1.46 ke BUD 16003024 BUD 234

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Magnitude Err Nsta Author OrigID
ML 2.3 0.1 5 BUD 16003024

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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 0.12 228.9 Pg 05:01:24.200 0.1 T__ 4523.3 --- ML 2.3 5575398 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.12 228.9 Lg 05:01:25.743 -0.4 T__ --- 5575399 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
BANR 0.53 234.1 Pg 05:01:31.690 -0.1 T__ 2364.4 --- ML 3.1 5575400 FDSN RO -- BUD iLoc HHZ HHZ _
BANR 0.53 234.1 Lg 05:01:39.707 0.3 T__ --- 5575401 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=0
SIRR 0.58 354.4 Pg 05:01:32.751 -0.5 T__ 204.7 --- ML 2.1 5575395 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.58 354.4 Lg 05:01:43.085 1.0 T__ --- 5575396 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
AMBH 0.97 313.3 Lg 05:01:54.207 -0.0 T__
DRGR 1.29 31.2 Pn 05:01:46.197 0.7 T__ 134.3 --- ML 2.3 5575393 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.29 31.2 Sn 05:02:03.466 -0.5 T__ --- 5575394 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
FRGS 1.46 249.2 Pn 05:01:47.350 -0.1 T__ 66.9 --- ML 2.1 5575402 FDSN SJ -- BUD iLoc BHN BHZ _
(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
2020/12/16 07:49:09.24 1.52 0.59 47.9655 20.3801 14.0 3.9 146 0.0f 8 5 202 0.18 0.66 sx BUD 16003026 BUD 307

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Magnitude Err Nsta Author OrigID
ML 1.1 0.0 3 BUD 16003026

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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	31.7	Pg	07:49:13.429	-0.2					T__		170.3		---	ML	1.0	5575430	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	31.7	Lg	07:49:16.643	-0.6					T__				---		5575431	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
PSZ	0.33	262.0	Pg	07:49:16.909	0.2					T__		68.7		---	ML	1.1	5575432	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	262.0	Lg	07:49:21.804	-0.6					T__				---		5575433	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.52	7.7	Lg	07:49:28.394	0.5					T__				---		5575437	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.54	11.3	Pg	07:49:20.289	0.1					T__		50.8		---	ML	1.5	5575434	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	11.3	Lg	07:49:28.514	-0.0					T__				---		5575435	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.66	59.8	Lg	07:49:34.675	0.9					T__				---		5575436	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	
2020/12/16	09:39:15.77	0.95	0.89	45.7305	21.6476	13.0	3.9	98	5.0f		12	7	90	0.12	1.67	ke	BUD	16003028	BUD			146	

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.1	5 BUD	16003028

Sta	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	190.8	Pg	09:39:18.431	0.1					T__		13732.7		---	ML	2.8	5575467	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.12	190.8	Lg	09:39:19.979	-0.4					T__				---		5575468	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=0)																									
SIRR	0.54	0.9	Pg	09:39:27.016	0.3					T__		396.3		---	ML	2.4	5575469	FDSN	RO	--	BUD	iLoc	HHE	HHZ	_
SIRR	0.54	0.9	Lg	09:39:33.854	-1.1					T__				---		5575473	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
AMBH	0.89	314.3	Pn	09:39:34.008	0.3					T__				---		5575470	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
DRGR	1.29	34.4	Pn	09:39:40.456	0.8					T__		274.9		---	ML	2.7	5575471	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.29	34.4	Sn	09:39:57.628	-0.6					T__				---		5575474	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
FRGS	1.41	246.8	Pg	09:39:42.815	0.4					T__		105.2		---	ML	2.3	5575472	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
FRGS	1.41	246.8	Sn	09:40:01.857	1.0					T__				---		5575475	FDSN	SJ	--	BUD	iLoc	BHZ	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
LOT	1.52	100.0	Pn	09:39:44.130	0.8					T__		169.0		---	ML	2.6	5575476	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.52	100.0	Sn	09:40:05.721	1.7					T__				---		5575477	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
CJR	1.67	53.3	Lg	09:40:10.312	0.1					T__				---		5575478	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		
2020/12/16	11:14:26.37	0.42	0.77	47.9361	20.1479	6.5	4.0	161	0.0	0.0	6	0	148	0.17	0.37	kx	BUD	16003032	BUD					
2020/12/16	11:14:24.14	0.98	1.17	47.8650	20.1529f				0.0f		6	4	119	0.18	0.37	kx	BUD_GT	16003033	BUD				236	
(locality : Kisnána Hungary)																								

(description : known quarry blast)
 (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	11:14:28.639	0.0					T__		529.0		---	ML	1.5	5092596	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	11:14:31.549	-0.7					T__				---		5092597	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU23A	0.24	163.9	Lg	11:14:35.939	2.1					T__				---		5092599	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.36	44.0	Pg	11:14:31.571	-0.4					T__		99.7		---	ML	1.3	5092594	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	11:14:36.928	-1.2					T__				---		5092595	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU03A	0.37	276.2	Lg	11:14:38.649	0.4					T__				---		5092598	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
2020/12/17	08:50:28.50	1.83	0.55	48.5668	20.7672	13.6	4.2	5	0.0f		9	5	244	0.17	0.87	sx	BUD	16003034	BUD		314	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	16003034

Sta	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	245.0	Pg	08:50:31.801	-0.3					T__		203.5		---	ML	1.1	5575592	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	245.0	Lg	08:50:35.588	0.7					T__				---		5575593	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.21	246.0	Lg	08:50:36.497	0.3					T__				---		5575594	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ABAH	0.42	130.5	Pg	08:50:37.183	0.2					T__		66.9		---	ML	1.3	5575595	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	130.5	Lg	08:50:43.765	-0.5					T__				---		5575596	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.47	200.0	Pg	08:50:38.908	0.4					T__		51.1		---	ML	1.3	5575598	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	200.0	Lg	08:50:45.455	-0.7					T__				---		5575597	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.87	222.3	Pn	08:50:46.697	-0.4					T__		48.0		---	ML	1.7	5575599	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	222.3	Lg	08:50:59.862	-0.1					T__				---		5575600	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
2020/12/17	09:26:38.09	1.25	0.68	48.9972	19.3662	9.5	4.5	8	0.0f		14	8	178	0.61	1.42	sx	BUD	16003036	BUD		218	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	6 BUD	16003036

Sta	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	0.61	215.1	Pg	09:26:50.500	-0.0					T__		27.6		---	ML	1.3	5575638	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

VYHS 0.61 215.1 Lg 09:27:00.264 0.8 T__ --- 5575639 FDSN SK -- BUD iLoc HHE ??? _
 (Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=0
 KECS 0.90 124.3 Lg 09:27:08.972 -0.3 T__ --- 5575635 FDSN SK -- BUD iLoc EHE ??? _
 JOS 0.92 122.4 Pg 09:26:56.794 0.5 T__ 71.2 --- ML 1.9 5575636 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 0.92 122.4 Lg 09:27:09.830 -0.2 T__ --- 5575637 FDSN ZJ -- BUD iLoc HHN ??? _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1
 HU03A 1.11 171.8 Sn 09:27:17.475 0.5 T__ --- 5575644 FDSN ZJ 00 BUD iLoc HHE ??? _
 JAVC 1.13 263.6 Pn 09:26:59.991 -0.8 T__ 89.2 --- ML 2.1 5575645 FDSN CZ -- BUD iLoc HHZ HHZ _
 JAVC 1.13 263.6 Lg 09:27:16.959 -0.9 T__ --- 5575646 FDSN CZ -- BUD iLoc HHE ??? _
 (Reading ML: 2.1 magdef=1
 (Station ML: 2.1 magdef=1
 PSZ 1.14 161.8 Pn 09:27:01.269 0.7 T__ 90.4 --- ML 2.1 5575642 FDSN GE -- BUD iLoc HHZ HHZ _
 PSZ 1.14 161.8 Lg 09:27:17.424 -1.0 T__ --- 5575643 FDSN GE -- BUD iLoc HHN ??? _
 (Reading ML: 2.1 magdef=1
 (Station ML: 2.1 magdef=1
 HU02A 1.17 138.2 Pn 09:27:01.647 0.7 T__ 56.2 --- ML 1.9 5575640 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU02A 1.17 138.2 Lg 09:27:17.578 -0.5 T__ --- 5575641 FDSN ZJ 00 BUD iLoc HHE ??? _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1
 MORC 1.42 303.9 Pn 09:27:04.674 -0.1 T__ 73.8 --- ML 2.2 5575648 FDSN CZ -- BUD iLoc HHZ HHZ _
 MORC 1.42 303.9 Lg 09:27:24.754 0.6 T__ --- 5575647 FDSN CZ -- 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
 2020/12/17 11:31:21.34 0.83 1.27 47.9453 20.0578 4.1 3.0 162 6.8 7.0 24 18 85 0.11 2.29 sx BUD 16003038 BUD 127

Magnitude Err Nsta Author OrigID
 ML 1.9 0.1 6 BUD 16003038

Sta 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 0.11 256.3 Pg 11:31:24.172 -0.3 T__ 2505.0 --- ML 2.0 5575697 FDSN GE -- BUD iLoc HHZ HHZ _
 PSZ 0.11 256.3 Lg 11:31:26.748 -0.3 T__ --- 5575698 FDSN GE -- BUD iLoc HHE ??? _
 (Reading ML: 2.0 magdef=1
 (Station ML: 2.0 magdef=1
 HU03A 0.31 262.5 Pg 11:31:28.535 0.5 T__ 332.9 --- ML 1.7 5575708 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU03A 0.31 262.5 Lg 11:31:33.920 1.0 T__ --- 5575709 FDSN ZJ 00 BUD iLoc HHN ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1
 HU23A 0.33 157.1 Lg 11:31:33.999 0.2 T__ --- 5575705 FDSN ZJ 00 BUD iLoc HHE ??? _
 TENKA 0.35 146.0 Lg 11:31:34.990 0.6 T__ --- 5575706 FDSN HU -- BUD iLoc HHN ??? _
 HU02A 0.36 60.4 Pg 11:31:28.214 -0.8 T__ 363.7 --- ML 1.9 5575699 FDSN ZJ 00 BUD iLoc HHZ HHZ _
 HU02A 0.36 60.4 Lg 11:31:35.024 0.0 T__ --- 5575700 FDSN ZJ 00 BUD iLoc HHZ ??? _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1
 ATAN3 0.39 149.2 Lg 11:31:35.974 0.4 T__ --- 5575707 FDSN HU -- BUD iLoc HHE ??? _
 JOS 0.64 30.1 Pg 11:31:34.307 0.3 T__ 128.5 --- ML 2.0 5575701 FDSN ZJ -- BUD iLoc HHZ HHZ _
 JOS 0.64 30.1 Lg 11:31:44.186 0.5 T__ --- 5575702 FDSN ZJ -- BUD iLoc HHE ??? _
 (Reading ML: 2.0 magdef=1
 (Station ML: 2.0 magdef=1

BSZH	0.66	167.6	Lg	11:31:44.985	-0.1	T__									5575710	FDSN	HU	--	BUD	iLoc	HHE	???	_		
HU01A	0.67	206.4	Lg	11:31:45.499	0.1	T__									5575711	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
HU10A	0.71	262.2	Lg	11:31:46.135	-0.7	T__									5575712	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
ABAH	0.87	65.7	Pn	11:31:39.973	1.5	T__				115.8					ML	2.0	5575703	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.87	65.7	Lg	11:31:51.511	0.1	T__										5575704	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
VYHS	0.98	304.4	Pn	11:31:42.581	2.1	T__				26.2					ML	1.5	5575714	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.98	304.4	Lg	11:31:54.817	-0.5	T__										5575713	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU24A	1.28	143.8	Lg	11:32:04.726	-0.1	T__										5575716	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU06A	1.28	164.1	Lg	11:32:05.765	0.7	T__										5575715	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	1.35	245.1	Sn	11:32:07.378	3.3	T__										5575717	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A267A	1.46	227.5	Lg	11:32:10.717	-1.0	T__										5575718	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MORH	1.98	209.7	Lg	11:32:25.249	-2.9	T__										5575719	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	2.29	216.5	Lg	11:32:37.554	-0.0	T__										5575720	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
2020/12/17	14:45:54.24	1.55	0.47	48.5382	20.8163	11.5	4.0	11	0.0f		8	5	233	0.19	0.87	sx	BUD	16003040	BUD			308

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	3 BUD	16003040

Sta	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	257.1	Pg	14:45:57.963	-0.3					T__		270.9			ML	1.3	5575750	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	257.1	Lg	14:46:01.805	0.4					T__						5575751	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.23	256.1	Lg	14:46:02.958	0.3					T__						5575752	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ABAH	0.37	130.5	Pg	14:46:02.093	0.1					T__		78.2			ML	1.2	5575753	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	130.5	Lg	14:46:07.907	-0.6					T__						5575754	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.46	205.1	Pg	14:46:03.848	-0.2					T__		47.3			ML	1.3	5575755	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	205.1	Lg	14:46:11.275	-0.2					T__						5575756	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.87	225.2	Lg	14:46:26.427	0.6					T__						5575757	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
2020/12/18	09:07:25.41	1.30	1.37	48.7463	20.8125	8.8	4.6	160	0.0f		12	8	178	0.31	1.34	sx	BUD	16003042	BUD			218

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	16003042

Sta	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	0.31	216.0	Pg	09:07:32.698	1.0					T__		293.5			ML	1.6	5575786	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.31	216.0	Lg	09:07:35.829	-0.7					T__						5575787	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									

```

(Station ML: 1.6 magdef=1
KECS 0.34 219.6 Lg 09:07:37.481 -0.2 T__
ABAH 0.53 147.6 Pg 09:07:38.070 1.9 T__ 74.3 --- ML 1.7 5575789 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.53 147.6 Lg 09:07:44.486 -0.7 T__ --- 5575796 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.65 197.1 Pg 09:07:37.802 -1.2 T__ 35.9 --- ML 1.4 5575790 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.65 197.1 Lg 09:07:46.676 -2.6 T__ --- 5575797 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOLS 0.98 78.5 Pg 09:07:43.601 -0.5 T__
PSZ 1.03 216.8 Pg 09:07:47.816 0.8 T__ 50.9 --- ML 1.8 5575791 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.03 216.8 Lg 09:08:00.827 -1.4 T__ --- 5575792 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TRPA 1.30 117.5 Sn 09:08:09.560 0.1 T__
VYHS 1.34 259.8 Lg 09:08:11.820 0.5 T__ --- 5575794 FDSN HU -- BUD iLoc HHE ??? _
--- 5575795 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
2020/12/18 10:45:19.94 0.36 1.17 47.5628 18.4160 5.6 3.4 111 0.0 0.0 8 0 103 0.08 1.36 kx BUD 16003044 BUD
2020/12/18 10:45:17.68 0.94 0.76 47.5600 18.4573f 0.0f 8 6 105 0.09 1.35 kx BUD_GT 16003045 BUD 159
(locality : Tatabánya Hungary)
(description : known quarry blast)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.3 2 BUD 16003045

```

```

Sta 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 10:45:20.525 0.4 T__ 1823.8 --- ML 1.8 5092886 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.09 327.2 Lg 10:45:22.843 0.4 T__ --- 5092887 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
CSKK 0.24 214.2 Pg 10:45:22.843 -0.1 T__ 262.9 --- ML 1.4 5092884 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.24 214.2 Lg 10:45:26.800 -0.8 T__ --- 5092885 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
HU08A 0.38 250.6 Lg 10:45:32.484 0.1 T__ --- 5092891 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.97 15.1 Lg 10:45:50.088 -1.5 T__ --- 5092888 FDSN SK -- BUD iLoc HHE ??? _
PSZ 1.03 69.2 Lg 10:45:55.774 0.7 T__ --- 5092889 FDSN GE -- BUD iLoc HHE ??? _
MORH 1.35 174.5 Sn 10:46:02.842 0.6 T__ --- 5092890 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
2020/12/19 15:16:36.60 1.36 0.64 45.7303 18.0275 8.6 5.3 174 5.0f 16 11 159 0.24 1.45 ke BUD 16003046 BUD 225

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.4 6 BUD 16003046

```

```

Sta 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 0.24 321.6 Pg 15:16:41.500 -0.2 T__ 338.8 --- ML 1.5 5575931 FDSN Z3 00 BUD iLoc HHZ HHZ _

```

A273A	0.24	321.6	Lg	15:16:45.675	0.6	T__								5575937	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																						
(Station ML: 1.5 magdef=1)																						
KOVH	0.36	8.0	Pg	15:16:43.949	-0.2	T__	106.1							5575932	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.36	8.0	Lg	15:16:49.386	0.0	T__								5575938	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																						
(Station ML: 1.3 magdef=0)																						
MORH	0.65	41.3	Pg	15:16:49.213	-0.3	T__	67.5							5575934	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.65	41.3	Lg	15:16:58.587	-0.4	T__								5575939	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
A264A	0.67	310.1	Pg	15:16:50.244	0.2	T__	181.9							5575933	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.67	310.1	Lg	15:16:58.913	0.0	T__								5575940	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
A265A	0.71	347.0	Pg	15:16:50.609	-0.3	T__	231.5							5575935	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.71	347.0	Sn	15:17:02.864	-0.6	T__								5575941	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						
HU22A	0.97	51.7	Pg	15:16:56.650	1.0	T__	178.4							5575936	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=0)																						
A263A	1.04	331.7	Sn	15:17:12.059	0.8	T__								5575942	FDSN	Z3	00	BUD	iLoc	HHN	???	_
BEHE	1.14	310.8	Sn	15:17:15.134	1.1	T__								5575943	FDSN	HU	--	BUD	iLoc	HHN	???	_
BLY	1.15	211.6	Lg	15:17:12.372	-0.7	T__								5575944	FDSN	MN	--	BUD	iLoc	HHN	???	_
KOGS	1.43	300.8	Lg	15:17:22.001	-0.5	T__								5575946	FDSN	SL	--	BUD	iLoc	BHN	???	_
PTJ	1.45	277.7	Sn	15:17:21.593	-0.6	T__								5575945	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
2020/12/20	17:43:35.58	1.44	0.36	45.7387	18.0258	10.0	6.0	164	15.0f		8	5	169	0.23	1.15	ke	BUD	16003048	BUD		267	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	3 BUD	16003048

Sta	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	320.5	Pg	17:43:40.670	-0.3					T__		209.1			ML	1.3	5575978	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.23	320.5	Lg	17:43:45.027	0.4					T__						5575977	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KOVH	0.35	8.4	Pg	17:43:43.068	-0.1					T__		68.2			ML	1.1	5575979	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.35	8.4	Lg	17:43:48.549	0.1					T__						5575980	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MORH	0.64	41.9	Pg	17:43:48.350	0.0					T__		55.0			ML	1.6	5575981	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.64	41.9	Lg	17:43:57.551	-0.3					T__						5575982	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A264A	0.66	309.6	Lg	17:43:58.035	0.5					T__						5575984	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
BLY	1.15	211.3	Lg	17:44:12.177	0.3					T__						5575983	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
2020/12/21	10:07:22.49	1.19	0.51	48.5152	20.7752	8.2	3.6	10	0.0f		10	6	163	0.16	1.08	sx	BUD	16003050	BUD			222

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	16003050

Sta	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	263.0	Pg	10:07:25.799	-0.1					T__		228.9		---	ML	1.1	5576011	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	263.0	Lg	10:07:29.455	0.9					T__				---		5576012	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
KECS	0.20	260.7	Pg	10:07:26.247	-0.4					T__		1438.8		---	ML	2.0	5576013	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	260.7	Lg	10:07:30.076	0.2					T__				---		5576014	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
ABAH	0.38	125.1	Pg	10:07:30.294	-0.0					T__		93.6		---	ML	1.3	5576015	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	125.1	Lg	10:07:37.209	0.2					T__				---		5576016	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
HU02A	0.43	203.1	Pg	10:07:31.869	0.3					T__		55.1		---	ML	1.2	5576017	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.43	203.1	Lg	10:07:37.792	-0.8					T__				---		5576018	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
PSZ	0.84	224.9	Lg	10:07:52.749	-0.1					T__				---		5576019	FDSN	GE	--	BUD	iLoc	HHE	???	_	
KOLS	1.08	66.6	Lg	10:07:59.511	-0.2					T__				---		5576020	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
2020/12/21	12:05:27.98	3.25	0.46	48.5812	20.1778	20.4	7.2	145	0.0f		6	4	273	0.23	0.69	sx	BUD	16003052	BUD			316

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	16003054

Sta	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	115.5	Lg	12:05:36.456	0.1					T__				---		5576045	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.26	109.4	Pg	12:05:33.210	-0.0					T__		61.7		---	ML	0.8	5576043	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.26	109.4	Lg	12:05:37.282	-0.0					T__				---		5576044	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
HU02A	0.51	153.1	Pg	12:05:39.350	0.5					T__		93.3		---	ML	1.7	5576047	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.51	153.1	Lg	12:05:46.649	-0.4					T__				---		5576046	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.69	196.0	Lg	12:05:52.822	-0.4					T__				---		5576048	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
2020/12/22	09:49:32.97	1.28	0.63	48.5364	20.7870	9.0	4.3	5	0.0f		11	7	158	0.17	1.30	sx	BUD	16003054	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	16003054

Sta	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	256.2	Pg	09:49:36.319	-0.3					T__		227.1		---	ML	1.1	5576075	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	256.2	Lg	09:49:39.783	0.4					T__				---		5576076	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									

KECS	0.21	255.2	Lg	09:49:40.942	0.2	T__									5576077	FDSN	SK	--	BUD	iLoc	EHN	???	_
ABAH	0.39	128.4	Pg	09:49:40.788	-0.2	T__	96.4	---	ML	1.4	5576078	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_				
	(Reading ML: 1.4 magdef=1)																						
	(Station ML: 1.4 magdef=1)																						
HU02A	0.45	203.0	Pg	09:49:42.485	-0.1	T__	77.0	---	ML	1.4	5576082	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
HU02A	0.45	203.0	Lg	09:49:49.778	-0.1	T__		---			5576079	FDSN	ZJ	00	BUD	iLoc	HHN	???	_				
	(Reading ML: 1.4 magdef=1)																						
	(Station ML: 1.4 magdef=1)																						
PSZ	0.86	224.3	Pg	09:49:51.622	0.5	T__	71.4	---	ML	1.8	5576081	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_				
PSZ	0.86	224.3	Lg	09:50:03.890	-0.2	T__		---			5576080	FDSN	GE	--	BUD	iLoc	HHN	???	_				
	(Reading ML: 1.8 magdef=1)																						
	(Station ML: 1.8 magdef=0)																						
KOLS	1.06	67.5	Lg	09:50:10.367	0.7	T__		---			5576083	FDSN	SK	--	BUD	iLoc	HHE	???	_				
VYHS	1.30	268.9	Pn	09:49:57.866	0.4	T__	30.9	---	ML	1.7	5576085	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_				
VYHS	1.30	268.9	Sn	09:50:15.512	-1.4	T__		---			5576084	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
2020/12/23	10:25:52.70	1.04	0.68	47.8339	16.2633	6.1	4.1	34	12.9	9.2	13	7	93	0.16	1.64	ke	BUD	16003056	BUD		186	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	6 BUD	16003056

Sta	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	0.16	34.8	Pg	10:25:56.574	-0.1					T__		687.3		---	ML	1.6	5576123	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.16	34.8	Lg	10:25:59.961	0.5					T__				---		5576124	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.6 magdef=1)																								
	(Station ML: 1.6 magdef=1)																								
SOP	0.25	127.0	Pg	10:25:58.097	-0.2					T__	108.2			---	ML	1.0	5576127	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	127.0	Lg	10:26:01.484	-0.6					T__				---		5576128	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.0 magdef=1)																								
	(Station ML: 1.0 magdef=0)																								
CONA	0.29	289.4	Pg	10:25:58.322	-0.7					T__	92.9			---	ML	1.1	5576121	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	289.4	Lg	10:26:03.816	0.5					T__				---		5576122	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
	(Reading ML: 1.1 magdef=1)																								
	(Station ML: 1.1 magdef=1)																								
ARSA	0.77	220.9	Pg	10:26:07.638	-0.0					T__	98.4			---	ML	1.9	5576125	FDSN	OE	--	BUD	iLoc	HHN	HHZ	_
ARSA	0.77	220.9	Lg	10:26:18.741	1.2					T__				---		5576126	FDSN	OE	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.9 magdef=1)																								
	(Station ML: 1.9 magdef=1)																								
KRUC	1.23	4.0	Pn	10:26:15.403	0.4					T__	68.0			---	ML	2.0	5576129	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	4.0	Sn	10:26:31.641	0.1					T__				---		5576130	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
	(Reading ML: 2.0 magdef=1)																								
	(Station ML: 2.0 magdef=0)																								
VRAC	1.49	8.3	Pn	10:26:19.266	0.6					T__	22.5			---	ML	1.7	5576131	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.49	8.3	Sn	10:26:38.603	0.7					T__				---		5576132	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.7 magdef=1)																								
	(Station ML: 1.7 magdef=1)																								
CKRC	1.64	307.8	Lg	10:26:44.521	-0.6					T__				---		5576133	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
2020/12/23	10:47:08.46	1.71	0.87	47.8816	16.0707	12.0	7.1	89	0.0f	10	6	200	0.15	1.50	sx	BUD	16003058	BUD				248

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	5 BUD	16003058

Sta	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	288.4	Pg	10:47:11.252	-0.4					T__		265.0		___	ML	1.1	5576167	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	288.4	Lg	10:47:13.890	-0.1					T__				---		5576168	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=0)																					
A018A	0.68	258.7	Pg	10:47:22.828	1.1					T__		84.2		___	ML	1.8	5576169	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
ARSA	0.73	210.6	Pg	10:47:21.957	-0.7					T__		61.7		___	ML	1.7	5576170	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.73	210.6	Lg	10:47:32.151	0.3					T__				---		5576171	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
KRUC	1.20	10.2	Pg	10:47:31.741	0.2					T__		78.1		___	ML	2.1	5576172	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.20	10.2	Sn	10:47:48.747	-0.2					T__				---		5576173	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
TREC	1.47	344.9	Sn	10:47:56.571	1.3					T__				---		5576174	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
CKRC	1.50	309.3	Pn	10:47:37.313	1.1					T__		154.4		___	ML	2.5	5576176	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.50	309.3	Sn	10:47:56.035	-0.7					T__				---		5576175	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(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
2020/12/23	13:24:03.70	1.03	0.61	48.8081	22.0850	9.6	4.7	130	5.0f	8	5	151	0.18	1.24	ke	BUD	16003060	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	
KOLS	0.18	44.7	Pg	13:24:07.623	0.3					T__				---		5576205	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.18	44.7	Lg	13:24:09.762	-0.8					T__				---		5576206	FDSN	SK	--	BUD	iLoc	HHE	???	_	
TRPA	0.74	155.8	Pg	13:24:18.150	0.1					T__		47.0		___	ML	1.6	5576203	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.74	155.8	Lg	13:24:29.931	0.1					T__				---		5576204	FDSN	HU	--	BUD	iLoc	HNN	???	_	
ABAH	0.76	227.9	Pg	13:24:18.394	-0.2					T__		70.3		___	ML	1.8	5576209	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.76	227.9	Lg	13:24:30.520	0.1					T__				---		5576207	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JDS	1.07	253.6	Lg	13:24:40.791	1.1					T__				---		5576208	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
HU02A	1.24	237.1	Sn	13:24:45.094	-0.1					T__				---		5576210	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	
2020/12/24	09:57:44.43	0.73	0.87	47.3999	18.1916	2.8	2.4	173	3.6	7.7	50	31	32	0.06	1.92	ke	BUD	16003064	BUD				61

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	26 BUD	16003064

Sta	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	128.1	Pg	09:57:46.370	0.3	T__	11121.2	___	ML	2.5	5576371	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	128.1	Lg	09:57:47.684	-0.0	T__		---			5576372	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
HU08A	0.18	279.9	Pg	09:57:48.137	-0.3	T__	1132.5	___	ML	1.9	5576376	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.18	279.9	Lg	09:57:50.839	-0.9	T__		---			5576377	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
HU09A	0.27	28.4	Pg	09:57:49.906	-0.2	T__	1524.3	___	ML	2.2	5576369	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.27	28.4	Lg	09:57:54.638	-0.1	T__		---			5576370	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
SRD	0.42	11.2	Pg	09:57:53.386	0.4	T__	2901.3	___	ML	2.9	5576373	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRD	0.42	11.2	Lg	09:58:01.108	1.2	T__		---			5576374	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
A267A	0.50	156.3	Pg	09:57:54.666	0.3	T__	244.0	___	ML	2.1	5576381	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.50	156.3	Lg	09:58:02.452	0.2	T__		---			5576382	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
MPLH	0.50	242.9	Pg	09:57:54.531	0.0	T__	207.0	___	ML	2.0	5576379	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
MPLH	0.50	242.9	Lg	09:58:02.701	0.7	T__		---			5576380	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
A271A	0.50	119.0	Pg	09:57:55.230	0.6	T__	459.4	___	ML	2.4	5576375	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A271A	0.50	119.0	Lg	09:58:03.285	0.6	T__		---			5576383	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
TIH	0.54	202.3	Pg	09:57:54.993	-0.2	T__	1065.3	___	ML	2.8	5576378	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
BUD	0.57	81.3	Pg	09:57:55.509	-0.7	T__	168.6	___	ML	2.0	5576386	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BUD	0.57	81.3	Lg	09:58:03.807	-1.4	T__		---			5576387	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
EGYH	0.58	272.0	Pg	09:57:56.459	0.3	T__	522.7	___	ML	2.5	5576384	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.58	272.0	Lg	09:58:05.167	0.5	T__		---			5576385	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=0)																			
HU10A	0.72	51.2	Pg	09:57:58.768	-0.2	T__	210.4	___	ML	2.2	5576388	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.72	51.2	Lg	09:58:10.191	0.0	T__		---			5576389	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A261A	0.84	238.2	Pn	09:58:01.465	-0.3	T__	594.8	___	ML	2.7	5576390	FDSN	Z3	00	BUD	iLoc	HHE	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
A272A	0.84	140.8	Pg	09:58:01.477	0.3	T__	429.9	___	ML	2.6	5576391	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A272A	0.84	140.8	Lg	09:58:13.080	-1.3	T__		---			5576392	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
A266A	0.88	176.7	Pn	09:58:02.382	0.2	T__	329.3	___	ML	2.5	5576393	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			

A263A	0.97	218.6	Pn	09:58:02.731	-0.8	T__	265.7	___	ML	2.5	5576394	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.97	218.6	Sn	09:58:17.714	-0.3	T__		---			5576395	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
HU01A	0.97	92.7	Sn	09:58:18.919	0.4	T__		---			5576397	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A265A	1.01	195.7	Sn	09:58:19.218	0.0	T__		---			5576396	FDSN	Z3	00	BUD	iLoc	HHN	???	_
HU04A	1.06	123.3	Sn	09:58:19.927	-0.5	T__		---			5576398	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU03A	1.08	61.6	Pn	09:58:05.537	0.5	T__	123.4	---	ML	2.2	5576401	FDSN	ZJ	00	BUD	iLoc	HHE	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
ZST	1.08	317.7	Pn	09:58:04.982	-0.4	T__		---			5576399	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	1.08	317.7	Sn	09:58:19.094	-2.3	T__		---			5576400	FDSN	SK	--	BUD	iLoc	HHZ	???	_
SOP	1.14	285.0	Lg	09:58:20.644	-1.3	T__		---			5576402	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.18	21.4	Pn	09:58:07.396	0.8	T__	30.5	---	ML	1.6	5576403	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_
VYHS	1.18	21.4	Sn	09:58:22.536	-1.6	T__		---			5576404	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
MORH	1.23	165.2	Pn	09:58:06.744	-0.1	T__	74.7	---	ML	2.1	5576405	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.23	165.2	Sn	09:58:22.342	-2.1	T__		---			5576406	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
HU22A	1.25	148.6	Pg	09:58:09.405	0.5	T__	215.5	---	ML	2.5	5576407	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
PSZ	1.26	65.1	Pn	09:58:08.297	0.5	T__	52.1	---	ML	1.9	5576408	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.26	65.1	Sn	09:58:26.660	0.4	T__		---			5576409	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
KOVH	1.31	182.8	Pg	09:58:09.961	-0.1	T__	48.7	---	ML	1.9	5576410	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.31	182.8	Sn	09:58:27.121	0.5	T__		---			5576411	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
BEHE	1.34	226.7	Pg	09:58:10.684	0.1	T__	178.7	---	ML	2.5	5576412	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
JAVC	1.50	346.8	Pn	09:58:11.251	-0.2	T__	74.1	---	ML	2.2	5576413	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
HU02A	1.73	64.5	Pn	09:58:16.782	2.6	T__	48.3	---	ML	2.1	5576414	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.73	64.5	Sn	09:58:38.629	1.3	T__		---			5576415	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
ARSA	1.82	266.3	Pn	09:58:15.710	0.0	T__	57.7	---	ML	2.3	5576416	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.82	266.3	Sn	09:58:38.223	-0.5	T__		---			5576417	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
JOS	1.92	54.3	Pn	09:58:17.198	0.4	T__	32.3	---	ML	2.1	5576418	FDSN	ZJ	--	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
2020/12/24	15:34:00.74	0.92	1.17	48.7302	17.8815	6.3	3.6	42	1.0	14.7	24	15	70	0.19	1.86	ke	BUD	16003066	BUD		119	

Magnitude	Err	Nsta	Author	OrigID																															
ML	1.9	0.2	12 BUD	16003066	Sta	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	312.9	Pg	15:34:04.618	-0.3					T__		1151.3		---	ML	1.9	5576514	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_					
					JAVC	0.19	312.9	Lg	15:34:07.314	-1.0					T__				---			5576518	FDSN	CZ	--	BUD	iLoc	HHN	???	_					
					(Reading ML: 1.9 magdef=1																														
					(Station ML: 1.9 magdef=1																														
					A331A	0.48	27.9	Pg	15:34:10.739	0.6					T__		140.4		---	ML	1.8	5576513	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_					
					(Reading ML: 1.8 magdef=1																														
					(Station ML: 1.8 magdef=1																														
					VVHS	0.68	110.1	Pg	15:34:14.632	0.2					T__		42.9		---	ML	1.5	5576515	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_					
					(Reading ML: 1.5 magdef=1																														
					(Station ML: 1.5 magdef=0																														
					SRO	0.96	162.4	Pn	15:34:22.005	1.6					T__		503.9		---	ML	2.7	5576519	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_					
					SRO	0.96	162.4	Lg	15:34:35.394	0.4					T__				---			5576520	FDSN	SK	--	BUD	iLoc	EHN	???	_					
					(Reading ML: 2.7 magdef=1																														
					(Station ML: 2.7 magdef=0																														
					VRAC	1.03	304.8	Pg	15:34:20.690	0.6					T__		25.2		---	ML	1.5	5576517	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_					
					VRAC	1.03	304.8	Lg	15:34:33.739	-1.3					T__				---			5576521	FDSN	CZ	--	BUD	iLoc	HHN	???	_					
					(Reading ML: 1.5 magdef=1																														
					(Station ML: 1.5 magdef=0																														
					KRUC	1.04	289.3	Pg	15:34:20.764	0.3					T__		49.7		---	ML	1.8	5576522	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_					
					KRUC	1.04	289.3	Lg	15:34:34.658	-0.9					T__				---			5576523	FDSN	CZ	--	BUD	iLoc	HHN	???	_					
					(Reading ML: 1.8 magdef=1																														
					(Station ML: 1.8 magdef=1																														
					MORC	1.07	348.2	Pg	15:34:21.279	0.7					T__		70.0		---	ML	1.9	5576516	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_					
					MORC	1.07	348.2	Lg	15:34:35.762	0.3					T__				---			5576524	FDSN	CZ	--	BUD	iLoc	HHN	???	_					
					(Reading ML: 1.9 magdef=1																														
					(Station ML: 1.9 magdef=1																														
					LANS	1.13	67.5	Pn	15:34:24.567	1.5					T__		62.5		---	ML	1.9	5576525	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_					
					LANS	1.13	67.5	Lg	15:34:38.756	0.1					T__				---			5576526	FDSN	SK	--	BUD	iLoc	EHN	???	_					
					(Reading ML: 1.9 magdef=1																														
					(Station ML: 1.9 magdef=1																														
					HU09A	1.14	162.8	Sn	15:34:38.562	-1.9					T__				---			5576527	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
					HU10A	1.17	139.0	Pn	15:34:24.316	1.1					T__		92.2		---	ML	2.1	5576528	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					(Reading ML: 2.1 magdef=1																														
					(Station ML: 2.1 magdef=1																														
					CSKK	1.39	169.3	Sn	15:34:45.533	-1.1					T__				---			5576529	FDSN	HU	--	BUD	iLoc	HHN	???	_					
					CONA	1.57	240.0	Pn	15:34:29.785	0.4					T__		46.2		---	ML	2.0	5576530	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_					
					(Reading ML: 2.0 magdef=1																														
					(Station ML: 2.0 magdef=1																														
					PSZ	1.57	120.4	Sn	15:34:53.278	1.7					T__				---			5576531	FDSN	GE	--	BUD	iLoc	HHN	???	_					
					JOS	1.78	96.6	Pn	15:34:32.495	0.7					T__		62.5		---	ML	2.3	5576533	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_					
					JOS	1.78	96.6	Lg	15:34:59.105	-1.2					T__				---			5576532	FDSN	ZJ	--	BUD	iLoc	HHE	???	_					
					(Reading ML: 2.3 magdef=1																														
					(Station ML: 2.3 magdef=0																														
					HU02A	1.86	108.1	Pn	15:34:34.293	1.2					T__		36.1		---	ML	2.1	5576535	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					HU02A	1.86	108.1	Pg	15:34:36.700	-1.4					T__				---			5576534	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_					
					HU02A	1.86	108.1	Lg	15:35:02.543	-1.8					T__				---			5576536	FDSN	ZJ	00	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
2020/12/24	16:21:17.65	1.89	0.80	48.0047	20.9453	13.0	5.8	169	5.0f	7	5	229	0.31	0.71	ke	BUD	16003068	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	
HU02A	0.31	292.8	Lg	16:21:28.590	-0.8					T__				---	5576579	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
ABAH	0.35	34.0	Pg	16:21:25.165	0.4					T__		58.7		---	ML	1.0	5576578	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.35	34.0	Lg	16:21:29.490	-1.2					T__				---		5576582	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.56	331.3	Pg	16:21:29.168	0.4					T__		48.8		---	ML	1.5	5576576	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.56	331.3	Lg	16:21:37.169	-0.1					T__				---		5576577	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
KECS	0.57	327.5	Lg	16:21:37.650	0.1					T__				---		5576580	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	0.71	263.4	Lg	16:21:42.940	-0.4					T__				---		5576581	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	
2020/12/25	05:22:46.09	0.94	1.03	47.2137	17.5813	4.6	3.7	105	2.8	14.9	10	7	106	0.05	1.24	ke	BUD	16003070	BUD			186	

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	16003070

Sta	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	0.05	213.2	Pg	05:22:47.488	-0.1					T__		1773.6		---	ML	1.7	5576606	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.05	213.2	Lg	05:22:48.879	-0.1					T__				---		5576607	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
EGYH	0.27	320.2	Pg	05:22:51.664	0.0					T__		164.2		---	ML	1.3	5576608	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.27	320.2	Lg	05:22:56.095	0.3					T__				---		5576609	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU08A	0.32	46.8	Pg	05:22:52.327	-0.3					T__		107.5		---	ML	1.2	5576610	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.32	46.8	Lg	05:22:57.382	-0.5					T__				---		5576611	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CSKK	0.49	71.8	Lg	05:23:05.129	1.3					T__				---		5576612	FDSN	HU	--	BUD	iLoc	HHN	???	_	
SRO	0.78	39.3	Sn	05:23:13.556	-2.0					T__				---		5576613	FDSN	SK	--	BUD	iLoc	EHE	???	_	
KOVH	1.18	162.2	Lg	05:23:25.465	-0.1					T__				---		5576614	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	1.24	143.4	Lg	05:23:28.411	0.5					T__				---		5576615	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	
2020/12/25	05:42:33.85	0.77	1.29	47.2619	17.5254	3.7	3.0	142	6.3	8.7	35	23	68	0.09	1.79	ke	BUD	16003072	BUD			77	

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	19 BUD	16003072

Sta	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	174.0	Pg	05:42:35.002	-1.3					T__		5756.1		---	ML	2.3	5576682	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.09	174.0	Lg	05:42:36.398	-1.9					T__				---		5576700	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1)																									


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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MORH 1.30 143.3 Pn 05:42:57.917 0.9 T__ 42.0 ___ ML 1.8 5576696 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.30 143.3 Lg 05:43:15.948 -1.4 T__ ___ 5576716 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CONA 1.31 301.2 Pg 05:42:59.485 0.1 T__ 58.8 ___ ML 2.0 5576697 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ARSA 1.36 270.3 Pn 05:42:59.279 0.8 T__ 57.1 ___ ML 2.0 5576698 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VVHS 1.52 35.1 Pn 05:43:01.944 1.5 T__ 23.0 ___ ML 1.7 5576699 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
PSZ 1.73 66.9 Sn 05:43:29.838 3.2 T__ ___ 5576714 FDSN GE -- BUD iLoc HHN ??? _
A006A 1.79 326.2 Lg 05:43:31.435 -1.6 T__ ___ 5576715 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
2020/12/26 00:59:20.68 2.38 0.28 45.7276 18.0204 17.9 6.8 174 15.0f 7 4 169 0.24 1.14 ke BUD 16003076 BUD 281

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.2 3 BUD 16003076

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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 0.24 323.0 Pg 00:59:26.022 -0.2 T__ 238.7 ___ ML 1.3 5576827 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.24 323.0 Lg 00:59:30.293 0.4 T__ ___ 5576826 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KOVH 0.37 8.7 Pg 00:59:28.440 -0.0 T__ 37.7 ___ ML 0.9 5576821 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.37 8.7 Lg 00:59:33.838 -0.1 T__ ___ 5576822 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MORH 0.65 41.5 Pg 00:59:33.688 0.1 T__ 40.8 ___ ML 1.5 5576823 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.65 41.5 Lg 00:59:43.046 -0.2 T__ ___ 5576824 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
BLY 1.14 211.4 Sn 00:59:56.877 0.3 T__ ___ 5576825 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
2020/12/26 16:47:01.06 1.02 0.46 47.3795 18.2355 5.5 4.4 112 5.0f 7 4 137 0.02 0.08 ke BUD 16003078 BUD 221

```

```

Magnitude Err Nsta Author OrigID
ML 0.7 0.2 3 BUD 16003078

```

```

Sta 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 50.0 Pg 16:47:02.607 0.3 T__ 233.2 ___ ML 0.7 5576853 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.02 50.0 Lg 16:47:03.222 -0.4 T__ ___ 5576852 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1

```



```

CSKK 0.02 133.9 Pg 16:47:02.626 0.3 T__ 321.7 --- ML 0.9 5576850 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.02 133.9 Lg 16:47:03.222 -0.4 T__ --- 5576851 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW3 0.07 272.8 Lg 16:47:04.481 -0.4 T__ --- 5576856 FDSN HU -- BUD iLoc HHE ??? _
MSW2 0.08 192.2 Pg 16:47:03.464 0.3 T__ 53.8 --- ML 0.3 5576854 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.08 192.2 Lg 16:47:04.712 -0.4 T__ --- 5576855 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
2020/12/28 10:43:29.36 1.46 0.64 45.6891 18.0258 8.8 5.9 162 3.0 1.0 13 8 173 0.27 1.11 ke BUD 16003086 BUD 273

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```

Magnitude Err Nsta Author OrigID
ML 2.1 0.4 6 BUD 16003086

```

```

Sta 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 0.27 327.2 Pg 10:43:35.134 0.1 T__ 418.4 --- ML 1.7 5578496 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.27 327.2 Lg 10:43:39.360 0.6 T__ --- 5578497 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOVH 0.40 7.4 Pg 10:43:37.562 -0.1 T__ 136.9 --- ML 1.6 5578498 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.40 7.4 Lg 10:43:42.619 -0.8 T__ --- 5578499 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
MORH 0.68 39.1 Pg 10:43:42.819 -0.1 T__ 94.9 --- ML 1.9 5578500 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.68 39.1 Lg 10:43:52.172 -0.7 T__ --- 5578501 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A264A 0.70 312.8 Pg 10:43:42.907 -0.4 T__ 301.1 --- ML 2.4 5578507 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.70 312.8 Lg 10:43:52.502 0.0 T__ --- 5578502 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A265A 0.75 347.8 Pg 10:43:44.240 -0.2 T__ 367.2 --- ML 2.5 5578503 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
A266A 0.85 11.2 Pg 10:43:46.719 0.4 T__ 234.1 --- ML 2.3 5578508 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.85 11.2 Lg 10:43:59.713 1.3 T__ --- 5578504 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A263A 1.07 332.8 Lg 10:44:04.966 0.1 T__ --- 5578505 FDSN Z3 00 BUD iLoc HHZ ??? _
BLY 1.11 212.6 Lg 10:44:05.564 0.5 T__ --- 5578506 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
2020/12/29 15:16:33.09 1.15 0.77 45.5267 16.3123 25.1 5.2 51 10.0f 12 10 168 0.38 1.85 ke BUD 16003104 BUD 243

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```

Magnitude Err Nsta Author OrigID
ML 3.1 0.2 10 BUD 16003104

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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

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ZAG	0.38	322.9	Pg	15:16:40.676	-0.0	T__	19498.2	___	ML	3.6	6036556	FDSN	CR	--	BUD	iLoc	BHN	BHZ	_
ZAG	0.38	322.9	Lg	15:16:47.048	0.9	T__		---			6036563	FDSN	CR	--	BUD	iLoc	BHE	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=0)																			
PTJ	0.45	327.7	Pg	15:16:41.818	-0.6	T__	2306.5	___	ML	2.9	6036562	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.45	327.7	Lg	15:16:48.242	-0.9	T__		---			6036565	FDSN	CR	--	BUD	iLoc	BHZ	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
KOGS	0.92	357.3	Pn	15:16:52.229	0.7	T__	1483.7	___	ML	3.2	6036557	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
BLY	0.99	141.3	Pg	15:16:51.455	-0.2	T__	984.2	___	ML	3.0	6036555	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
BEHE	1.00	18.7	Pn	15:16:53.324	0.8	T__	2224.4	___	ML	3.4	6036566	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
KOVH	1.37	65.2	Pn	15:16:57.571	0.2	T__	465.5	___	ML	2.9	6036558	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
OBKA	1.57	309.3	Pn	15:17:02.191	1.0	T__	613.1	___	ML	3.2	6036559	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
TIH	1.76	38.1	Pn	15:17:02.973	0.2	T__	888.6	___	ML	3.4	6036561	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=0)																			
MORH	1.77	66.3	Pn	15:17:02.854	0.1	T__	240.7	___	ML	2.9	6036560	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
MPLH	1.85	26.9	Pn	15:17:05.096	1.0	T__	204.4	___	ML	2.8	6036564	FDSN	HU	--	BUD	iLoc	HHN	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
2020/12/29	18:21:08.85	1.48	0.93	45.5030	16.2041	12.6	7.0	15	15.6	13.3	44	22	164	0.36	3.82	ke	BUD	16003116	BUD		215	

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.1	22 BUD	16003116

Sta	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	0.36	334.9	Pg	18:21:15.578	-0.7					T__	70570.7			___	ML	4.1	6039450	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.36	334.9	Lg	18:21:21.909	0.2					T__				---		6039490	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 4.1 magdef=1)																									
(Station ML: 4.1 magdef=1)																									
PTJ	0.44	337.8	Pg	18:21:16.653	-1.2					T__	16751.0			___	ML	3.7	6039480	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.7 magdef=1)																									
(Station ML: 3.7 magdef=1)																									
CRES	0.62	301.9	Pg	18:21:20.084	-0.5					T__	4881.3			___	ML	3.5	6039451	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.5 magdef=1)																									
(Station ML: 3.5 magdef=1)																									
KOGS	0.95	1.9	Pn	18:21:26.494	-0.6					T__	15541.6			___	ML	4.2	6039483	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 4.2 magdef=1)																									

(Station ML: 4.2 magdef=0																				
BLY	1.02	137.1	Pg	18:21:26.649	-1.2	T__	4154.0	___	ML	3.7	6039452	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_	
BLY	1.02	137.1	Pn	18:21:28.533	0.2	T__		---			6039454	FDSN	MN	--	BUD	iLoc	HHZ	???_	_	
BLY	1.02	137.1	Sn	18:21:42.297	-0.4	T__		---			6039453	FDSN	MN	--	BUD	iLoc	HHN	???_	_	
(Reading ML: 3.7 magdef=1																				
(Station ML: 3.7 magdef=1																				
BEHE	1.05	22.2	Pn	18:21:28.385	0.0	T__	11949.6	___	ML	4.2	6039481	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BEHE	1.05	22.2	Pg	18:21:29.798	1.0	T__		---			6039478	FDSN	HU	--	BUD	iLoc	HHZ	???_	_	
(Reading ML: 4.2 magdef=1																				
(Station ML: 4.2 magdef=0																				
KOVH	1.45	65.5	Pn	18:21:33.474	-0.2	T__	1974.9	___	ML	3.6	6039455	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	1.45	65.5	Pg	18:21:37.070	0.4	T__		---			6039457	FDSN	HU	--	BUD	iLoc	HHZ	???_	_	
KOVH	1.45	65.5	Sn	18:21:52.353	0.1	T__		---			6039456	FDSN	HU	--	BUD	iLoc	HHE	???_	_	
(Reading ML: 3.6 magdef=1																				
(Station ML: 3.6 magdef=1																				
OBKA	1.53	311.7	Pn	18:21:35.153	-0.7	T__	3646.7	___	ML	3.9	6039458	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
OBKA	1.53	311.7	Pg	18:21:37.689	1.3	T__		---			6039460	FDSN	OE	--	BUD	iLoc	HHZ	???_	_	
OBKA	1.53	311.7	Sn	18:21:55.798	0.4	T__		---			6039459	FDSN	OE	--	BUD	iLoc	HHN	???_	_	
(Reading ML: 3.9 magdef=1																				
(Station ML: 3.9 magdef=1																				
ARSA	1.81	345.2	Pn	18:21:39.199	0.0	T__	1339.2	___	ML	3.6	6039461	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	1.81	345.2	Pg	18:21:43.212	1.7	T__		---			6039462	FDSN	OE	--	BUD	iLoc	HHZ	???_	_	
(Reading ML: 3.6 magdef=1																				
(Station ML: 3.6 magdef=1																				
TIH	1.82	39.4	Pn	18:21:38.951	0.1	T__	5341.8	___	ML	4.2	6039463	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TIH	1.82	39.4	Pg	18:21:43.286	-0.2	T__		---			6039464	FDSN	HU	--	BUD	iLoc	HHZ	???_	_	
(Reading ML: 4.2 magdef=1																				
(Station ML: 4.2 magdef=0																				
MORH	1.85	66.5	Pn	18:21:38.753	-0.3	T__	865.6	___	ML	3.5	6039465	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	1.85	66.5	Pg	18:21:43.526	-0.3	T__		---			6039466	FDSN	HU	--	BUD	iLoc	HHZ	???_	_	
MORH	1.85	66.5	Sn	18:22:03.441	1.5	T__		---			6039484	FDSN	HU	--	BUD	iLoc	HHE	???_	_	
MORH	1.85	66.5	Lg	18:22:09.122	-0.5	T__		---			6039485	FDSN	HU	--	BUD	iLoc	HHE	???_	_	
(Reading ML: 3.5 magdef=1																				
(Station ML: 3.5 magdef=0																				
MPLH	1.91	28.5	Pn	18:21:40.204	0.1	T__	1002.5	___	ML	3.6	6039467	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	1.91	28.5	Pg	18:21:44.110	-1.0	T__		---			6039468	FDSN	HU	--	BUD	iLoc	HHZ	???_	_	
(Reading ML: 3.6 magdef=1																				
(Station ML: 3.6 magdef=1																				
EGYH	2.07	21.7	Pn	18:21:42.760	0.5	T__	1720.1	___	ML	3.9	6039469	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
EGYH	2.07	21.7	Pg	18:21:47.737	-0.6	T__		---			6039470	FDSN	HU	--	BUD	iLoc	HHZ	???_	_	
EGYH	2.07	21.7	Lg	18:22:14.998	-1.6	T__		---			6039493	FDSN	HU	--	BUD	iLoc	HHN	???_	_	
(Reading ML: 3.9 magdef=1																				
(Station ML: 3.9 magdef=1																				
SOP	2.19	6.3	Pn	18:21:44.643	0.5	T__	626.5	___	ML	3.5	6039471	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	2.19	6.3	Pg	18:21:50.166	0.9	T__		---			6039472	FDSN	HU	--	BUD	iLoc	HHZ	???_	_	
SOP	2.19	6.3	Lg	18:22:20.250	2.1	T__		---			6039491	FDSN	HU	--	BUD	iLoc	HHN	???_	_	
(Reading ML: 3.5 magdef=1																				
(Station ML: 3.5 magdef=0																				
CSKK	2.34	36.7	Pn	18:21:46.192	0.2	T__	973.9	___	ML	3.8	6039473	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	2.34	36.7	Pg	18:21:54.080	0.5	T__		---			6039475	FDSN	HU	--	BUD	iLoc	HHZ	???_	_	
CSKK	2.34	36.7	Lg	18:22:26.446	-2.3	T__		---			6039474	FDSN	HU	--	BUD	iLoc	HHN	???_	_	
(Reading ML: 3.8 magdef=1																				
(Station ML: 3.8 magdef=1																				

CONA	2.44	354.6	Pn	18:21:48.156	0.3	T__	439.3	___	ML	3.5	6039476	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	2.44	354.6	Pg	18:21:54.984	1.5	T__		---			6039477	FDSN	OE	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=0)																			
BUD	2.78	43.5	Pn	18:21:51.324	-0.7	T__	404.0	___	ML	3.7	6039492	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BUD	2.78	43.5	Pg	18:22:01.199	0.4	T__		---			6039482	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
PSZ	3.50	45.1	Pg	18:22:16.047	0.5	T__	202.7	___	ML	3.8	6039479	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=1)																			
CKRC	3.56	339.4	Pn	18:22:03.996	0.7	T__	780.4	___	ML	4.4	6039487	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.4 magdef=1)																			
(Station ML: 4.4 magdef=0)																			
KRUC	3.56	2.0	Pn	18:22:03.041	-0.2	T__	186.3	___	ML	3.8	6039486	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=1)																			
BZS	3.80	86.4	Pg	18:22:19.720	1.6	T__	100.8	___	ML	3.6	6039489	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
VRAC	3.82	3.8	Pn	18:22:06.541	-0.2	T__	64.8	___	ML	3.4	6039488	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 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
2020/12/31	02:11:21.87	0.83	0.74	47.3731	18.4369	3.0	2.7	138	2.1	16.5	26	17	69	0.12	1.17	ke	BUD	16003184	BUD			89

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	11 BUD	16003184

Sta	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	0.12	265.3	Pg	02:11:24.689	0.1					T__		1589.1		___	ML	1.8	5579707	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.12	265.3	Lg	02:11:26.419	-0.7					T__				---		5579708	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
MSW1	0.12	279.4	Pg	02:11:24.788	0.1					T__		1222.4		_c_	ML	1.7	5579710	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.12	279.4	Lg	02:11:26.903	-0.2					T__				---		5579709	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MSW2	0.17	245.4	Pg	02:11:25.626	0.1					T__		294.6		___	ML	1.2	5579711	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.17	245.4	Lg	02:11:28.177	-0.5					T__				---		5579712	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MSW3	0.21	272.8	Pg	02:11:26.762	0.4					T__		174.9		___	ML	1.1	5579714	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.21	272.8	Lg	02:11:30.096	0.0					T__				---		5579713	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU09A	0.27	352.1	Pg	02:11:27.637	0.2					T__		436.8		___	ML	1.7	5579715	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.27	352.1	Lg	02:11:31.679	-0.4					T__				---		5579716	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A271A	0.35	128.8	Pg	02:11:29.593	0.5					T__		141.1		___	ML	1.4	5579718	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A 0.35 279.7 Pg 02:11:29.090 0.0 T__ 82.0 ___ ML 1.2 5579717 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.35 279.7 Lg 02:11:34.364 -0.5 T__ ___ 5579725 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
BUD 0.41 74.3 Lg 02:11:36.075 -1.1 T__ ___ 5579720 FDSN HU -- BUD iLoc HHE ??? _
A267A 0.43 175.9 Pg 02:11:30.934 0.5 T__ 106.7 ___ ML 1.5 5579719 FDSN Z3 00 BUD iLoc HHZ HHZ _
A267A 0.43 175.9 Lg 02:11:37.195 -0.2 T__ ___ 5579726 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
SRO 0.45 349.3 Lg 02:11:38.682 0.4 T__ ___ 5579721 FDSN SK -- BUD iLoc EHN ??? _
HU10A 0.61 39.6 Pg 02:11:34.343 -0.1 T__ 66.4 ___ ML 1.7 5579723 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.61 39.6 Lg 02:11:43.674 -0.4 T__ ___ 5579722 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A338A 0.65 355.0 Pg 02:11:35.721 0.9 T__ 83.7 ___ ML 1.8 5579724 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU04A 0.91 127.9 Sn 02:11:52.841 -1.6 T__ ___ 5579727 FDSN ZJ 00 BUD iLoc HHE ??? _
ET1H 1.09 61.9 Sn 02:11:58.540 -0.9 T__ ___ 5579728 FDSN HU -- BUD iLoc HHE ??? _
PSZ 1.13 60.5 Pn 02:11:44.161 0.6 T__ 52.5 ___ ML 1.8 5579730 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.13 60.5 Sn 02:11:59.434 -1.2 T__ ___ 5579729 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
VYHS 1.15 13.3 Sn 02:12:00.179 -1.2 T__ ___ 5579732 FDSN SK -- BUD iLoc HHE ??? _
MORH 1.17 172.9 Sn 02:11:59.807 -1.0 T__ ___ 5579731 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
2020/12/31 02:30:46.36 3.33 0.22 47.3579 18.3849 18.5 7.1 93 1.0f 9 5 312 0.08 0.32 ke BUD 16003186 BUD 341

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Magnitude Err Nsta Author OrigID
ML 0.4 0.3 4 BUD 16003186

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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 0.08 273.6 Pg 02:30:48.514 0.1 T__ 131.7 ___ ML 0.7 5579776 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.08 273.6 Lg 02:30:50.205 -0.1 T__ ___ 5579775 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
MSW1 0.09 292.3 Pg 02:30:48.351 -0.2 T__ 107.2 ___ ML 0.6 5579780 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.09 292.3 Lg 02:30:50.279 -0.3 T__ ___ 5579774 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
MSW2 0.13 244.9 Pg 02:30:49.226 -0.1 T__ 38.1 ___ ML 0.2 5579781 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.13 244.9 Lg 02:30:51.834 -0.0 T__ ___ 5579782 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1
MSW3 0.18 278.3 Pg 02:30:50.426 0.3 T__ 31.5 ___ ML 0.3 5579778 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.18 278.3 Lg 02:30:53.661 0.3 T__ ___ 5579777 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=1
HU08A 0.32 283.4 Lg 02:30:58.225 -0.1 T__ ___ 5579779 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
2020/12/31	03:31:29.10	2.22	0.58	47.3709	18.4505	14.2	5.7	115	7.0f	10	6	183	0.13	1.16	ke	BUD	16003190	BUD			256	

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.4	4 BUD	16003190

Sta	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	266.6	Pg	03:31:32.327	0.1					T__		340.2		___	ML	1.2	5579811	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	266.6	Lg	03:31:34.302	-0.7					T__				---		5579812	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MSW1	0.13	279.6	Pg	03:31:32.402	0.1					T__		258.5		___	ML	1.1	5579814	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.13	279.6	Lg	03:31:34.562	-0.5					T__				---		5579813	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MSW2	0.18	247.2	Pg	03:31:33.296	0.2					T__		59.3		___	ML	0.6	5579815	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.18	247.2	Lg	03:31:36.015	-0.5					T__				---		5579816	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
MSW3	0.22	273.3	Pg	03:31:34.749	0.9					T__		52.1		___	ML	0.6	5579818	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.22	273.3	Lg	03:31:37.803	-0.0					T__				---		5579817	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
HU09A	0.27	350.2	Lg	03:31:38.995	-0.6					T__				---		5579819	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.16	173.4	Sn	03:32:06.502	-0.4					T__				---		5579820	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
2020/12/31	03:33:47.66	1.22	0.84	47.3183	18.5157	18.3	3.9	26	3.0f	7	5	193	0.18	0.27	ke	BUD	16003192	BUD			332	

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.0	3 BUD	16003192

Sta	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	0.18	284.6	Pg	03:33:52.207	0.7					T__		173.0		___	ML	1.0	5580217	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.18	284.6	Lg	03:33:54.052	-0.8					T__				---		5580212	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
MSW1	0.19	293.3	Pg	03:33:52.245	0.5					T__		153.1		___	ML	1.0	5580214	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.19	293.3	Lg	03:33:54.331	-0.9					T__				---		5580213	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
MSW2	0.21	265.7	Lg	03:33:55.430	-0.4					T__				---		5580215	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A271A	0.27	126.9	Pg	03:33:53.678	0.3					T__		265.6		___	ML	1.5	5580218	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MSW3	0.27	283.9	Lg	03:33:57.404	-0.6					T__				---		5580216	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
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2020/12/31 06:04:32.82 1.91 0.44 47.3679 18.4333 12.2 3.8 125 3.0f 11 6 253 0.12 0.35 ke BUD 16003200 BUD 324

Magnitude Err Nsta Author OrigID
 ML 1.2 0.1 5 BUD 16003200

Sta	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	0.12	267.7	Pg	06:04:35.737	0.2					T__		706.1		___	ML	1.5 5580254	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.12	267.7	Lg	06:04:37.654	-0.3					T__				---		5580260	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0)																								
MSW1	0.12	282.0	Pg	06:04:35.782	0.2					T__		461.7		_c_	ML	1.3 5580261	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.12	282.0	Lg	06:04:37.749	-0.3					T__				---		5580255	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																								
MSW2	0.16	246.6	Pg	06:04:36.499	0.1					T__		108.0		___	ML	0.8 5580262	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.16	246.6	Lg	06:04:39.313	-0.2					T__				---		5580256	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1)																								
MSW3	0.21	274.3	Pg	06:04:37.786	0.5					T__		72.2		___	ML	0.7 5580258	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.21	274.3	Lg	06:04:41.120	0.2					T__				---		5580257	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=0)																								
HU09A	0.27	352.8	Pg	06:04:38.762	0.3					T__		141.9		___	ML	1.2 5580263	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.27	352.8	Lg	06:04:42.517	-0.7					T__				---		5580259	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																								
HU08A	0.35	280.6	Lg	06:04:45.132	-0.6					T__				---		5580264	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

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