

Kövesligethy Radó Szeizmológiai Obszervatórium

MAGYAR  
NEMZETI  
SZEIZMOLÓGIAI  
BULLETIN

2016

MTA CSFK GGI - BUDAPEST



# Magyar Nemzeti Szeizmológiai Bulletin

## 2016

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# Előszó

2016-ban a Magyar Nemzeti Szeizmológiai Hálózat (MNSZH) egy, a Zempléni-hegységben telepített szélessávú, permanens állomással bővült. Egy szélessávú, ideiglenes állomás került telepítésre a Mátra-hegység egy bezárt ércbányájában az MTA Wigner Fizikai Kutatóközpont Részecske- és Magfizikai Intézetével együttműködésben. Ezen túlmenően kilenc szélessávú, ideiglenes állomást telepítettünk a Dunántúlon a nemzetközi AlpArray projekt keretében. Mindezekkel az MNSZH állomásainak száma 2016 végére elérte a harmincat.

Az év folyamán 480 helyi szeizmikus eseményt azonosítottunk, ezek közül hét földrengést a lakosság is érzékelt.

Jelen publikáció első fejezete a Magyar Nemzeti Szeizmológiai Hálózatot és az MTA CSFK GGI Kövesligethy Radó Szeizmológiai Observatóriumában folyó adatfeldolgozást mutatja be. A második fejezet a Hálózat által detektált szeizmikus események fészekparamétereit ismerteti. A harmadik fejezet az érezhető magyarországi rengések makroszeizmikus adatait tartalmazza, míg a negyedik fejezet a lokális események fázisadatait közli ISF2 formátumban.





# 1. fejezet

## A Magyar Nemzeti Szeizmológiai Hálózat

### Szeizmológiai állomások és adatgyűjtés

A 2016-os év végén az MTA CSFK GGI Kövesligethy Radó Obszervatórium által üzemeltetett Magyar Nemzeti Szeizmológiai Hálózatot (MNSZH) 15 szélessávú állandó állomás, valamint 15 szélessávú ideiglenes állomás alkotta.

2016. októberében egy új szélessávú, állandó állomást (ABAH) telepítettünk a Zempléni-hegység területén, Abaujkér közelében. Az állomás műszerezettségét egy Streckeisen STS-2.5 szeizmométer, valamint egy Guralp CMG-DM24S3EAM adatgyűjtő alkotja. 2016. februárjában egy szélessávú ideiglenes állomás került telepítésre a Mátra-hegységben, Gyöngyösoroszi térségében egy bezárt ércbányában mintegy 88 m-rel a felszín alatt az MTA Wigner Fizikai Kutatóközpont Részecske- és Magfizikai Intézetével együttműködésben. Az állomáson Guralp CMG-3T szeizmométer és Guralp CMG-DM24S3 digitalizáló működik. 2016. januárja és júliusa között a nemzetközi AlpArray projekt (<http://www.alparray.ethz.ch>) keretében 9 szélessávú ideiglenes állomást telepítettünk a Dunántúlon. Ezen állomások közül hatot Guralp CMG-3T szeizmométerekkel és Guralp CMG-DM24S3 digitalizálókkal szereltünk fel. A további három állomás műszerezettségét (Trillium szeizmométerek és Taurus digitalizálók formájában) a Swiss-AlpArray SINERGIA program biztosította. Ezeket az állomásokat (A271A, A272A és A273A) az ETH Zürich-kel közösen üzemeltetjük.

Az 1.1. és 1.2. táblázat a Magyar Nemzeti Szeizmológiai Hálózat állandó és ideiglenes állomásainak jellemzőit tartalmazza. Az állomások elhelyezkedését az 1.1. ábra mutatja.

Az állomásokról származó adatokat az Obszervatórium adatközpontjában a SeisComp3 szoftvercsomag (<http://www.seiscomp3.org>) segítségével archiváltuk és dolgoztuk fel. Az MNSZH állomásain kívül az Obszervatórium az alábbi szeizmológiai hálózatokhoz tartozó állomások adatait gyűjti és használja:

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

1.1. táblázat. A Magyar Nemzeti Szeizmológiai Hálózat permanens állomásainak jellemzői 2016-ban

Állomás	$\phi$ (°É)	$\lambda$ (°K)	Magasság (m)	Érzékelő <sup>a</sup>	Adatgyűjtő <sup>b</sup>	Szerv. <sup>c</sup>	Időszak <sup>d</sup>
ABAH Abaújkér	48.2961	21.2397	195	STS-2.5	CMG-DM24S3	GGI	10.12-12.31
AMBH Ambrózfalva	46.3501	20.7258	88	CMG-3T	CMG-DM24S3 CMG-DAS	GGI	01.01-07.13 07.13-12.31
BEHE Becsehely	46.4706	16.7757	289	STS-2	PS-6-24 és SeisComP PC	GGI	01.01-12.31
BSZH Besenyszög	47.2996	20.2670	82	CMG-3T	CMG-DM24S3	GGI	01.01-12.31
BUD Budapest	47.4831	19.0201	195	STS-2	PS-6-24 és SeisComP PC	GGI	01.01-12.31
CSKK Csókakő	47.3631	18.2605	319	SS-1 CMG-3T CMG-3T	CMG-DAS CMG-DAS CMG-DM24S3	GGI	01.01-01.29 01.29-03.17 03.17-12.31
EGYH Egyházaskesző	47.4163	17.3319	129	CMG-3T	CMG-DM24S3	GGI	01.01-12.31
KOVH Kővágóottós	46.0883	18.0999	270	STS-2.5	PS-6-24 és SeisComP PC	GGI	01.01-12.31
LTVH Létavértes	47.3849	21.9007	121	CMG-3T	CMG-DM24S3	GGI	01.01-12.31
MORH Mórágó	46.2149	18.6435	135	STS-2	PS-6-24 és SeisComP PC CMG-DM24S3	GGI	01.01-12.08 12.08-12.31
MPLH Magyarpolány	47.1712	17.5348	337	STS-2.5	PS-6-24 és SeisComP PC	GGI	01.01-12.31
PSZ Piszkéstető	47.9181	19.8933	940	STS-2	PS-6-24 és SeisComP PC	GEOFON GGI	01.01-12.31
SOP Sopron	47.6807	16.5567	260	STS-2	PS-6-24 és SeisComP PC	GGI	01.01-12.31
TIH Tihany	46.9001	17.8878	189	CMG-3T	CMG-DM24S3	MFGI GGI	01.01-12.31
TRPA Tárpa	48.1304	22.5391	113	STS-2	PS-6-24 és SeisComP PC	GGI	01.01-12.31

<sup>a</sup> Szeizmométerek:

CMG-3T – Guralp CMG-3T szélessávú szeizmométer  
 SS-1 – Kinematics SS-1 rövid periódusú szeizmométer  
 STS-2 és STS-2.5 – Streckeisen szélessávú szeizmométer

<sup>b</sup> Adatgyűjtő egységek (az adatgyűjtés minden állomáson digitálisan történik és folyamatos idejű):

CMG-DM24S3 – Guralp CMG-DM24S3EAM adatgyűjtő rendszer  
 CMG-DAS – Guralp CMG-DAS adatgyűjtő rendszer  
 PS-6-24 – Earth Data PS-6-24 24 bites digitalizáló  
 SeisComP PC - PrioComP számítógép SeiscomP szoftverrel

<sup>c</sup> Működtető szervezet:

GEOFON - GEOFON Global Seismic Network, GFZ, Németország  
 GGI – Geodéziai és Geofizikai Intézet, MTA CSFK, Magyarország  
 MFGI - Magyar Geológiai és Geofizikai Intézet, Magyarország

<sup>d</sup> Elérhetőségi időszak 2016-ban

1.2. táblázat. A Magyar Nemzeti Szeizmológiai Hálózat ideiglenes állomásainak jellemzői 2016-ban

Állomás	$\phi$ (°É)	$\lambda$ (°K)	Magasság (m)	Érzékelő <sup>a</sup>	Adatgyűjtő <sup>b</sup>	Szerv. <sup>c</sup>	Időszak <sup>d</sup>
A260A Vassurány	47.2834	16.7056	243	CMG-3T	CMG-DM24S3	GGI	01.26-12.31
A261A Óhíd	46.9520	17.1486	171	CMG-3T	CMG-DM24S3	GGI	01.26-12.31
A262A Szaknyér	46.8642	16.5276	240	CMG-3T	CMG-DM24S3	GGI	01.27-12.31
A263A Hollád	46.6408	17.3149	165	CMG-3T	CMG-DM24S3	GGI	01.01-12.31
A264A Tarany	46.1597	17.2897	143	CMG-3T	CMG-DM24S3	GGI	01.27-12.31
A265A Kaposfüred	46.4245	17.7954	151	CMG-3T	CMG-DM24S3	GGI	01.01-12.31
A266A Gyulaj	46.5256	18.2647	219	CMG-3T	CMG-DM24S3	GGI	01.01-12.31
A267A Káloz	46.9463	18.4820	116	CMG-3T	CMG-DM24S3	GGI	01.01-12.31
A268A Réde	47.4313	17.9238	201	CMG-3T	CMG-DM24S3	GGI	02.02-12.31
A269A Baj	47.6386	18.3824	195	CMG-3T	CMG-DM24S3	GGI	01.01-12.31
A270A Szokolya	47.8452	19.0186	152	CMG-3T	CMG-DM24S3	GGI	07.06-12.31
A271A Iváncsa	47.1547	18.8341	165	Trillium	Taurus	ETHZ GGI	01.13-12.31
A272A Bölcske	46.7444	18.9654	170	Trillium	Taurus	ETHZ GGI	01.13-12.31
A273A Marócsa	45.9163	17.8161	100	Trillium	Taurus	ETHZ GGI	03.02-12.31
ET1H Gyöngyösoroszi	47.8791	19.8713	400	CMG-3T	CMG-DM24S3	RMKI GGI	02.25-12.31

<sup>a</sup> Szeizmométerek:

CMG-3T – Guralp CMG-3T szélessávú szeizmométer

Trillium – Nanometrics Trillium Compact 120s szeizmométer

<sup>b</sup> Adatgyűjtő egységek (az adatgyűjtés minden állomáson digitálisan történik és folyamatos idejű):

CMG-DM24S3 – Guralp CMG-DM24S3EAM adatgyűjtő rendszer

Taurus – Nanometrics Taurus 24 bites digitalizáló

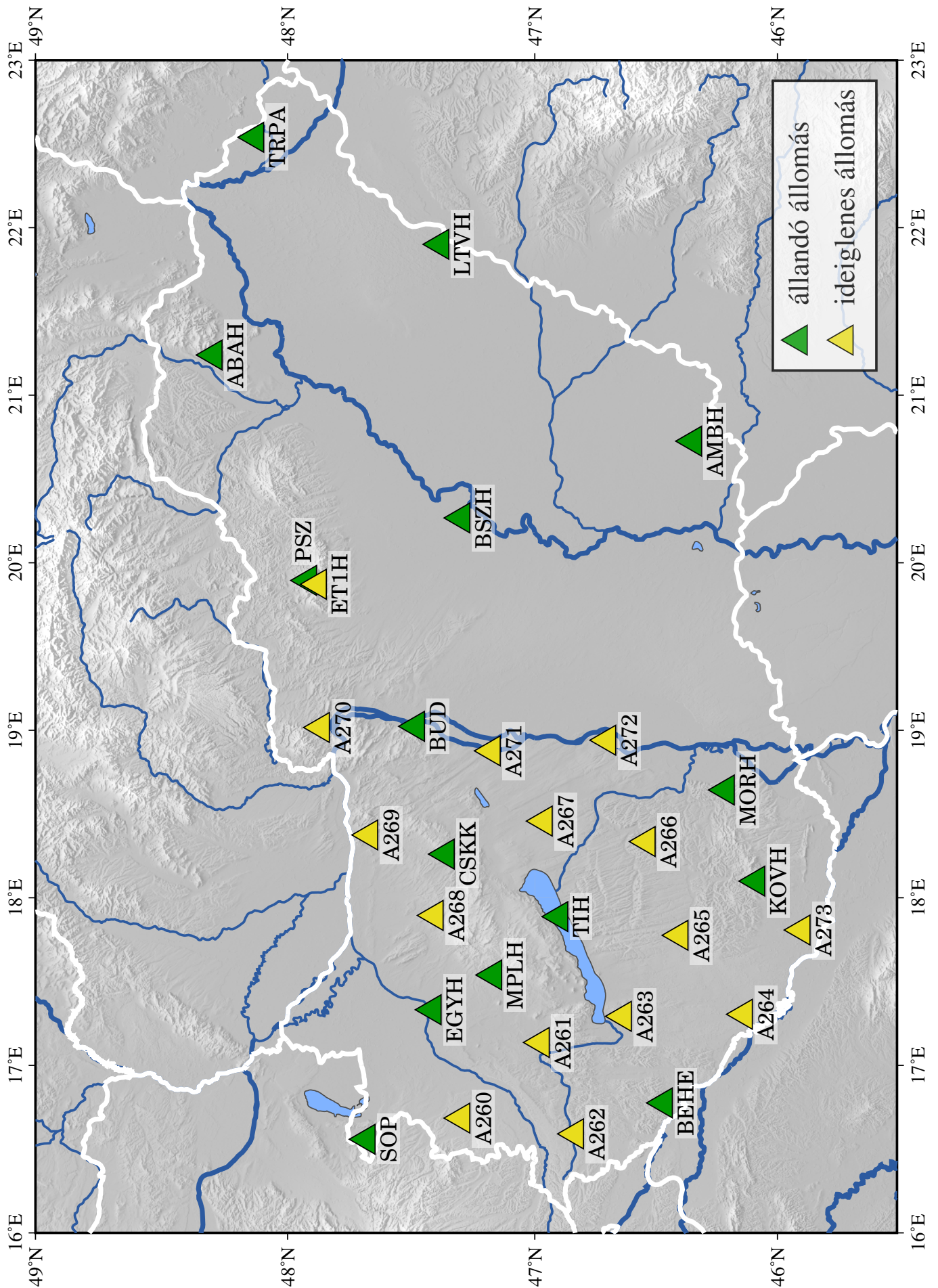
<sup>c</sup> Működtető szervezet:

ETHZ – ETH Zürich, Svájc

GGI – Geodéziai és Geofizikai Intézet, MTA CSFK, Magyarország

RMKI – Részecske- és Magfizikai Intézet, MTA Wigner Fizikai Kutatóközpont, Magyarország

<sup>d</sup> Elérhetőségi időszak 2016-ban



1.1. ábra. A Magyar Nemzeti Szeizmológiai Hálózat permanens és ideiglenes állomásai 2016-ban

## Adatfeldolgozás

### Az iLoc helymeghatározó algoritmus

Az iLoc helymeghatározó algoritmus a Nemzetközi Szeizmológiai Központ (ISC) számára kifejlesztett legkorszerűbb lokátor algoritmuson alapul.

Az ISC lokátor (Bondár and Storchak, 2011):

- Felhasználja a legtöbb ak135 (Kennett et al., 1995) fázist (beleértve a mélységi fázisokat is) számításba véve az ellipticitást (Dziewonski and Gilbert 1976; Kennett and Gudmundsson 1996) és a mélységi-fázis korrekciókat (Engdahl et al., 1998).
- Figyelembe veszi a korrelált menetidő jóslási hibákat.
  - A paraméterek kiinduló értékét a Neighbourhood algoritmus segítségével határozza meg (Sambidge 1999; Sambridge and Kennett, 2001).
  - Az adat kovariancia mátrix a priori becsülésével használásával hajtja végre az iteratív linearizált inverziót (Bondár and McLaughlin, 2009).
- Csak abban az esetben kísérel meg mélységet meghatározni, ha ennek a lehetőségei adottak.
  - A rögzített fészekmélységek esetében az alapértelmezett mélység a történeti szeizmicitás adatokból származik.
  - Független mélységbecslést kísérel meg a mélységi fázisok összegzése révén (Murphy and Barker, 2006).
- Robosztus magnitúdóbecslést tesz lehetővé a hibák megadásával együtt.

Az ISC lokátor lehetőségein túlmenően az iLoc további funkciókat szolgáltat a nemzeti szeizmológiai hálózatok igényeinek kielégítésére:

- Támogatja a lokális egydimenziós sebességmodellek használatát a menetidő számítások esetében.
- A becsült menetidőket a kérgi és köpenybeli fázisok esetében egy, az RSTT parametrizációjával kompatibilis 3D modellből számítja (Myers et al., 2010).
- Lokális (ML) és szélessávú térhullám (mB) magnitúdót is meghatároz.
- MySQL kliensen keresztül képes a SeisComp3 adatbázissal kommunikálni.

Az iLoc lokátor, a legújabb RSTT háromdimenziós sebességmodellel együtt (Myers et al., 2010) letölthető az MTA CSFK KRSZO weboldaláról (<http://www.seismology.hu/data/iLoc/>).

### Helymeghatározási eljárás

A Bulletin készítése során a SeisComp3 adatbázisában található összes eseményt (legyenek azok föld-rengések vagy antropogén eredetűek) relokalizáltuk az iLoc szoftverrel. A nem valós eseményeket kiszűrtük az adatbázisból.

A relokalizáció előtt az ISC Bulletin-ből letöltöttük minden olyan esemény hipocentrum és fázis adatait, amelyek a (42.50°N, 13.50°E – 50.50°N, 25.50°E) koordinátákkal jellemezhető területen belül keletkeztek. Az így kapott adatokat hozzárendeltük a SeisComp3 adatbázisában szereplő eseményekhez.

Megjegyzendő, hogy az MNSZB érdekeltségi területe magába foglalja a Kárpát-medencét, valamint az Alpok, a Kárpátok és a Dinaridák bizonyos részeit. Ennek következtében egy egyszerű 1D sebességmodell nem elegendő a megbízható menetidő meghatározáshoz. *Ground truth* eseményeket felhasználó kutatások azt mutatták, hogy ilyen esetekben az RSTT globális 3D sebességmodell (Myers et al., 2010) pontosabb eredményeket szolgáltat, mint a helyi sebességmodellek. Ezért a relokalizáció során 15 fok epicentrális távolságig az RSTT modellt használtuk a lokális (Pg, Pb, Sg, Sb and Lg) és regionális (Pn, Sn) fázisok menetidőinek számításához. Az ettől eltérő esetekben az ak135 modell (Kennett et al., 1995) által jósolt értékeket vettük alapul.

Az iLoc, mint linearizált helymeghatározó algoritmus a megfigyelt szeizmikus fázisokhoz tartozó menetidő reziduálok négyzetes átlagát minimalizálja. Minden fázishoz a priori mérési hiba becsléseket rendel. A lokalizáció során, ha egy adott fázis menetidő reziduálja nagyobb, mint az a priori becsült hiba hatszorosa, akkor az iLoc az adott fázist a feldolgozás további lépései során már nem veszi figyelembe.

## 2. fejezet

# Lokális események

A 2016-os évben 480 eseményt (2.1. táblázat) detektált a Magyar Nemzeti Szeizmológiai Hálózat a 45.5-49.0°É szélességi és 16.0-23.0°K hosszúsági körök által határolt területen belül. Ezek közül 411 földrengés (2.1. ábra), 69 pedig robbantás (2.2. ábra) volt. *Ground truth* minősítést 43 esemény kapott a bányák által szolgáltatott adatok alapján.

A 2.1. táblázat *Hely* oszlopában magyarországi földmozgások esetében az epicentrumhoz legközelebb eső település neve (ground truth robbantásoknál a bánya megnevezése), míg külföldi eseményeknél az adott ország elnevezése szerepel.

2.1. táblázat: A Magyar Nemzeti Szeizmológiai Hálózat által detektált események paraméterei ( $\phi$ : szélesség,  $\lambda$ : hosszúság, magnitúdó: lokális magnitúdó (ML), Típus: EQ – földrengés, GT – ground truth esemény, EX – robbantás).

	Dátum	idő	$\phi$ (°É)	$\lambda$ (°K)	Mélység (km)	Magnitúdó	Típus	Hely
1.	2016.01.02	04:19:43.5	48.6507	21.6029	14.8	2.5	EQ	Szlovákia
2.	2016.01.04	11:02:56.1	48.4613	20.7569	8.5	2.0	EQ	Martonyi
3.	2016.01.07	00:14:21.4	45.9175	21.7620	8.1	1.3	EQ	Románia
4.	2016.01.07	09:19:04.7	48.5704	20.7844	10.0	2.1	EQ	Szlovákia
5.	2016.01.12	12:52:10.0	47.0227	16.9574	0.5	2.0	EQ	Mikosszéplak
6.	2016.01.14	11:02:03.8	48.5427	20.7704	1.9	1.7	EQ	Komjáti
7.	2016.01.15	10:01:03.8	48.4092	17.2356	0.0	2.2	EX	Szlovákia
8.	2016.01.15	11:03:03.0	47.6981	18.5358	0.0	2.1	EQ	Bajót
9.	2016.01.18	12:51:03.0	48.3126	18.1971	6.4	2.0	EQ	Szlovákia
10.	2016.01.19	09:45:02.3	48.2027	18.8304	0.5	1.9	EQ	Szlovákia
11.	2016.01.21	05:37:43.8	45.7474	17.3762	6.3	1.8	EQ	Horvátország
12.	2016.01.22	01:25:00.6	45.9417	21.4185	5.9	1.4	EQ	Románia
13.	2016.01.22	02:13:50.7	45.9278	21.4041	9.2	2.3	EQ	Románia
14.	2016.01.22	06:16:19.6	47.6404	20.3207	7.4	2.6	EQ	Tenk
15.	2016.01.24	22:18:56.3	48.6028	20.1733	12.1	2.3	EQ	Szlovákia
16.	2016.01.24	22:24:27.0	48.6173	20.1448	10.8	1.5	EQ	Szlovákia
17.	2016.01.26	08:36:19.2	46.9252	17.4369	0.0	2.0	EQ	Zalahaláp
18.	2016.01.26	10:22:30.9	48.6573	20.6707	7.1	1.8	EQ	Szlovákia
19.	2016.01.28	09:30:47.8	48.5195	20.8032	4.6	1.9	EQ	Tornaszentandrás
20.	2016.02.02	13:25:04.2	45.6177	18.1858	8.5	3.3	EQ	Horvátország
21.	2016.02.04	05:21:20.3	46.1073	16.6854	4.8	2.1	EQ	Horvátország
22.	2016.02.04	12:59:50.2	48.3958	18.2556	11.3	2.3	EQ	Szlovákia
23.	2016.02.05	10:00:57.0	48.3330	17.2760	17.9	2.2	EQ	Szlovákia
24.	2016.02.08	11:24:51.3	48.5869	20.7516	4.7	1.8	EQ	Szlovákia
25.	2016.02.08	12:58:42.8	45.5487	17.2975	8.3	1.7	EQ	Horvátország
26.	2016.02.09	10:29:46.9	48.6230	20.7028	4.6	1.8	EQ	Szlovákia

	Dátum	idő	$\phi$ ( $^{\circ}$ É)	$\lambda$ ( $^{\circ}$ K)	Mélység (km)	Magnitúdó	Típus	Hely
27.	2016.02.11	10:07:09.0	46.1765	18.2926	0.0	-	GT	Komló-II
28.	2016.02.11	10:28:10.7	48.5898	20.7323	1.4	1.7	EQ	Szlovákia
29.	2016.02.11	11:12:11.4	47.1213	17.9838	0.5	1.8	EQ	Litér
30.	2016.02.12	03:42:55.5	47.4638	19.8337	6.8	1.5	EQ	Jászfelsőszentgyörgy
31.	2016.02.12	11:09:28.0	48.5405	20.3857	0.0	1.8	EQ	Szlovákia
32.	2016.02.13	07:32:22.9	46.1739	16.5643	5.8	2.1	EQ	Horvátország
33.	2016.02.13	21:34:16.2	48.7338	19.3108	0.7	1.6	EQ	Szlovákia
34.	2016.02.15	10:30:42.0	48.5661	20.7724	0.0	1.6	EQ	Tornanádaska
35.	2016.02.16	06:15:18.7	46.2210	16.5198	7.6	2.1	EQ	Horvátország
36.	2016.02.17	11:57:15.9	47.8805	19.1737	0.0	1.8	EX	Felsőpetény
37.	2016.02.17	12:41:08.9	45.6046	17.2578	0.0	-	EQ	Horvátország
38.	2016.02.17	13:14:56.4	48.5615	20.7200	8.9	2.1	EQ	Szlovákia
39.	2016.02.18	09:21:20.4	48.5959	20.7358	6.5	2.0	EQ	Szlovákia
40.	2016.02.18	12:45:57.6	48.1231	19.0751	5.7	3.3	EQ	Szlovákia
41.	2016.02.19	09:26:07.8	46.1765	18.2926	0.0	-	GT	Komló-II
42.	2016.02.19	11:06:50.5	46.3058	21.6302	1.0	2.0	EQ	Románia
43.	2016.02.19	12:38:59.2	48.1774	19.1224	0.0	-	EX	Szlovákia
44.	2016.02.22	13:14:58.8	48.5510	18.6316	18.2	1.7	EQ	Szlovákia
45.	2016.02.23	10:14:43.3	48.5981	20.7260	8.6	1.7	EQ	Szlovákia
46.	2016.02.23	13:40:39.7	45.5590	17.7535	13.6	1.9	EQ	Horvátország
47.	2016.02.23	16:41:31.5	47.6240	18.0307	13.0	2.0	EQ	Nagyigmánd
48.	2016.02.24	10:21:55.3	48.5089	18.7614	5.3	1.5	EQ	Szlovákia
49.	2016.02.24	11:04:20.5	48.3963	18.2121	5.9	2.0	EQ	Szlovákia
50.	2016.02.24	11:33:09.5	45.7625	17.2545	10.0	-	EQ	Horvátország
51.	2016.02.24	13:45:44.2	47.9307	16.3954	9.7	2.0	EQ	Ausztria
52.	2016.02.24	16:17:47.0	47.9242	16.3618	9.8	1.7	EQ	Ausztria
53.	2016.02.24	20:44:46.1	46.1981	17.1802	13.5	2.1	EQ	Somogyudvarhely
54.	2016.02.26	00:01:31.7	47.2781	17.6504	0.3	0.8	EQ	Homokbödöge
55.	2016.02.26	10:49:37.7	48.5846	20.3541	7.4	1.5	EQ	Szlovákia
56.	2016.02.26	11:16:20.6	47.5910	18.2844	0.0	-	EX	Kömlőd
57.	2016.02.27	09:32:23.9	46.0763	18.3307	5.8	1.3	EQ	Bogád
58.	2016.02.29	12:30:57.9	47.2302	18.2835	0.0	-	GT	Izszakszentgyörgy
59.	2016.02.29	18:35:01.0	46.0622	21.5420	7.9	2.1	EQ	Románia
60.	2016.02.29	19:51:21.2	46.0708	21.4997	13.2	1.5	EQ	Románia
61.	2016.03.01	13:51:54.6	45.9407	18.8790	5.0	1.9	EQ	Hercegszántó
62.	2016.03.01	16:48:34.8	45.9672	18.7365	5.0	1.3	EQ	Kölked
63.	2016.03.02	11:23:51.5	45.8525	18.3977	0.0	-	GT	Nagyharsány-I
64.	2016.03.02	15:23:33.3	47.8650	20.1529	0.0	-	GT	Kisnána
65.	2016.03.04	13:12:12.4	48.5607	20.7377	4.6	1.9	EQ	Komjáti
66.	2016.03.05	10:48:07.5	46.3324	21.8811	5.7	1.4	EQ	Románia
67.	2016.03.05	22:01:36.7	47.9401	18.0032	6.0	2.0	EQ	Szlovákia
68.	2016.03.07	08:51:37.4	46.3010	21.6911	1.4	2.0	EQ	Románia
69.	2016.03.07	11:01:15.2	48.5172	19.3552	5.4	1.5	EQ	Szlovákia
70.	2016.03.07	12:32:47.9	48.3165	21.2672	11.2	2.0	EQ	Boldogkőújfalu
71.	2016.03.07	13:38:39.3	46.0535	22.8012	1.9	1.9	EQ	Románia
72.	2016.03.07	20:03:51.9	47.3154	18.3782	5.9	1.8	EQ	Zámoly
73.	2016.03.07	21:33:20.8	47.3273	18.3620	6.2	-	EQ	Csákberény
74.	2016.03.07	22:48:51.4	47.3057	18.3153	5.0	-	EQ	Magyaralmás
75.	2016.03.09	09:25:42.6	48.2433	19.0843	5.0	-	EQ	Szlovákia
76.	2016.03.09	10:39:28.5	47.0029	17.7078	6.1	-	EQ	Nagyvázsony
77.	2016.03.09	14:26:50.5	48.4833	20.3524	5.0	1.8	EQ	Szlovákia



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	Dátum	idő	$\phi$ ( $^{\circ}$ É)	$\lambda$ ( $^{\circ}$ K)	Mélység (km)	Magnitúdó	Típus	Hely
78.	2016.03.10	10:51:36.2	46.1271	21.8167	6.8	1.4	EQ	Románia
79.	2016.03.10	21:05:25.9	45.5922	18.1145	5.0	-	EQ	Horvátország
80.	2016.03.11	10:08:07.3	48.5736	20.8051	0.0	1.8	EQ	Szlovákia
81.	2016.03.14	09:23:37.8	48.3998	19.1138	1.2	1.5	EQ	Szlovákia
82.	2016.03.14	12:10:48.1	48.8081	21.6287	25.4	2.0	EQ	Szlovákia
83.	2016.03.15	12:00:22.6	48.5009	19.3737	4.5	1.7	EQ	Szlovákia
84.	2016.03.15	18:46:34.0	47.8358	17.2158	8.1	2.2	EQ	Újrónafő
85.	2016.03.16	08:23:10.0	47.4456	18.0384	5.0	-	EX	Bakonyvárkony
86.	2016.03.16	08:32:50.6	48.5037	19.3240	4.5	1.8	EQ	Szlovákia
87.	2016.03.16	10:23:05.3	48.5756	20.7410	0.2	1.8	EQ	Szlovákia
88.	2016.03.16	11:08:32.0	47.3159	17.6298	0.0	1.7	EQ	Ugod
89.	2016.03.16	12:06:01.0	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
90.	2016.03.17	21:50:44.0	45.6721	21.1082	10.7	2.2	EQ	Románia
91.	2016.03.18	10:10:43.0	48.6523	20.5607	18.3	1.7	EQ	Szlovákia
92.	2016.03.18	21:58:18.9	45.8540	21.2157	9.5	3.3	EQ	Románia
93.	2016.03.21	07:44:30.7	46.3060	21.6697	3.9	1.7	EQ	Románia
94.	2016.03.24	08:38:44.1	47.8987	20.0893	0.0	1.3	GT	Recsk
95.	2016.03.24	16:54:50.4	47.3039	17.5874	9.1	2.0	EQ	Homokbödöge
96.	2016.03.25	10:12:11.7	46.1204	18.0243	0.0	-	GT	Bükkösd-I
97.	2016.03.29	10:11:41.5	48.5320	20.7901	1.8	1.9	EQ	Bódvalenke
98.	2016.03.31	09:14:07.7	48.6954	18.0696	7.8	1.4	EQ	Szlovákia
99.	2016.03.31	09:25:35.9	48.0223	18.3723	0.0	-	EQ	Szlovákia
100.	2016.03.31	10:14:42.4	48.5701	20.8061	3.6	1.4	EQ	Szlovákia
101.	2016.04.01	09:06:09.5	48.4206	17.1889	6.9	2.1	EQ	Szlovákia
102.	2016.04.02	02:02:12.2	47.5389	16.8027	5.3	1.6	EQ	Ebergőc
103.	2016.04.03	19:53:22.7	46.1641	16.6689	8.0	1.7	EQ	Horvátország
104.	2016.04.04	09:14:48.5	48.5357	20.6557	5.9	1.4	EQ	Szögliget
105.	2016.04.04	10:50:51.4	48.1473	21.2221	5.2	2.1	EQ	Szerencs
106.	2016.04.04	11:44:13.3	48.3641	18.2395	6.7	1.7	EQ	Szlovákia
107.	2016.04.05	06:08:31.3	47.3072	17.6559	0.0	1.0	EQ	Bakonykoppány
108.	2016.04.05	07:33:01.1	48.6638	18.6802	0.0	-	EQ	Szlovákia
109.	2016.04.05	08:20:23.1	48.5870	20.7447	6.1	1.5	EQ	Szlovákia
110.	2016.04.06	06:54:37.8	45.5502	17.2712	0.0	1.6	EQ	Horvátország
111.	2016.04.06	08:32:14.6	48.5818	20.7629	6.0	2.1	EQ	Szlovákia
112.	2016.04.07	07:53:02.6	47.3768	18.0432	0.0	-	EQ	Súr
113.	2016.04.07	08:21:28.5	47.9194	19.4923	0.0	1.0	EQ	Bokor
114.	2016.04.08	07:33:18.5	47.0144	18.0301	5.0	-	EQ	Balatonalmádi
115.	2016.04.08	08:40:31.4	46.1765	18.2926	0.0	-	GT	Komló-II
116.	2016.04.08	09:42:08.3	48.8507	20.5042	3.3	1.9	EQ	Szlovákia
117.	2016.04.08	10:03:47.5	48.6021	20.7201	0.6	1.3	EQ	Szlovákia
118.	2016.04.12	05:08:28.3	47.2729	18.2959	0.0	-	EQ	Kincsesbánya
119.	2016.04.12	08:11:03.2	45.9622	21.6078	5.0	1.1	EQ	Románia
120.	2016.04.12	08:30:11.9	48.2429	18.8315	6.3	1.6	EQ	Szlovákia
121.	2016.04.13	08:21:26.5	45.8525	18.3977	0.0	-	GT	Nagyharsány-I
122.	2016.04.13	08:41:09.9	48.4770	19.3174	0.0	-	EQ	Szlovákia
123.	2016.04.13	09:08:19.5	48.6111	20.7446	1.6	1.6	EQ	Szlovákia
124.	2016.04.15	12:02:46.7	48.4495	18.2301	10.0	2.4	EQ	Szlovákia
125.	2016.04.18	12:03:33.0	48.5653	20.7590	3.7	1.7	EQ	Szlovákia
126.	2016.04.19	11:42:22.0	47.4769	18.5011	7.8	1.8	EQ	Szár
127.	2016.04.20	07:09:13.1	47.3026	17.6715	0.0	-	EQ	Bakonykoppány
128.	2016.04.21	08:10:31.0	48.3620	19.1257	5.0	1.8	EQ	Szlovákia

	Dátum	idő	$\phi$ ( $^{\circ}$ É)	$\lambda$ ( $^{\circ}$ K)	Mélység (km)	Magnitúdó	Típus	Hely
129.	2016.04.21	10:13:12.2	48.3439	18.6149	14.5	1.8	EQ	Szlovákia
130.	2016.04.21	12:36:49.4	48.2509	21.2140	12.3	2.0	EQ	Tállya
131.	2016.04.22	08:27:37.8	48.5560	20.7640	1.6	1.6	EQ	Komjátí
132.	2016.04.22	09:15:29.5	46.1765	18.2926	0.0	-	GT	Komló-II
133.	2016.04.23	09:04:37.0	46.1765	18.2926	0.0	-	GT	Komló-II
134.	2016.04.25	05:54:06.2	46.4290	17.1038	11.5	2.9	EQ	Sand
135.	2016.04.25	09:01:18.7	46.3476	17.1282	5.3	2.1	EQ	Iharos
136.	2016.04.25	10:28:22.6	48.0896	16.1004	7.3	3.9	EQ	Ausztria
137.	2016.04.26	03:40:51.0	48.0834	16.1109	9.5	2.2	EQ	Ausztria
138.	2016.04.26	07:29:33.2	48.7403	18.4651	5.0	2.4	EQ	Szlovákia
139.	2016.04.26	07:44:05.4	48.6982	18.4191	5.0	1.7	EQ	Szlovákia
140.	2016.04.26	08:19:22.3	48.5496	20.7466	3.7	1.6	EQ	Komjátí
141.	2016.04.26	09:59:18.4	48.4287	18.2493	10.0	2.3	EQ	Szlovákia
142.	2016.04.26	10:42:39.3	47.8404	19.2464	0.0	1.3	EQ	Keszeg
143.	2016.04.27	09:05:00.7	48.5845	20.7642	0.8	1.1	EQ	Szlovákia
144.	2016.04.28	09:16:53.9	46.1765	18.2926	0.0	-	GT	Komló-II
145.	2016.04.28	09:34:54.6	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
146.	2016.04.28	11:15:45.0	48.4119	17.2697	2.3	2.2	EQ	Szlovákia
147.	2016.04.29	04:41:28.1	47.2205	19.2844	11.1	2.1	EQ	Dabas
148.	2016.04.29	08:20:19.1	48.5923	20.7464	0.7	1.5	EQ	Szlovákia
149.	2016.04.29	22:59:07.5	48.6323	20.2001	5.0	1.5	EQ	Szlovákia
150.	2016.04.30	00:15:05.0	46.5551	21.2472	1.2	2.5	EQ	Elek
151.	2016.04.30	03:28:02.7	45.9879	18.3589	0.0	-	EQ	Lothárd
152.	2016.04.30	08:59:57.7	46.1765	18.2926	0.0	-	GT	Komló-II
153.	2016.05.01	02:08:04.4	47.2425	17.5382	6.6	0.8	EQ	Ganna
154.	2016.05.01	22:23:08.5	48.6113	18.6464	7.4	1.6	EQ	Szlovákia
155.	2016.05.02	08:26:42.3	48.5387	19.3704	0.0	1.4	EQ	Szlovákia
156.	2016.05.02	09:59:02.8	47.8874	20.0158	0.0	-	EX	Parádsasvár
157.	2016.05.03	08:45:47.1	48.3342	19.0953	1.6	1.5	EQ	Szlovákia
158.	2016.05.03	10:01:45.6	48.3261	19.8622	0.0	1.6	EX	Szlovákia
159.	2016.05.03	11:25:03.6	47.2302	18.2835	0.0	1.7	GT	Iszkaszentgyörgy
160.	2016.05.04	07:31:17.9	48.6939	18.6200	3.0	1.8	EQ	Szlovákia
161.	2016.05.04	08:40:16.0	48.5914	20.7526	7.0	1.9	EQ	Szlovákia
162.	2016.05.04	09:13:55.9	46.8751	17.4386	0.0	2.0	EX	Tapolca
163.	2016.05.04	09:38:28.3	48.3312	18.4838	5.0	-	EQ	Szlovákia
164.	2016.05.04	11:00:30.2	48.9081	20.8740	0.0	2.1	EX	Szlovákia
165.	2016.05.05	10:30:57.9	48.8353	20.5260	9.6	2.0	EQ	Szlovákia
166.	2016.05.06	08:41:30.3	45.5435	17.7613	5.0	-	EQ	Horvátország
167.	2016.05.06	13:51:05.6	45.5719	20.0995	3.1	2.4	EQ	Szerbia
168.	2016.05.07	09:26:11.8	46.3069	21.8638	1.8	1.6	EQ	Románia
169.	2016.05.09	08:04:13.6	48.5694	20.7688	0.0	1.5	EQ	Szlovákia
170.	2016.05.09	08:14:59.0	48.5327	19.3857	5.8	1.6	EQ	Szlovákia
171.	2016.05.09	09:18:13.0	48.3278	19.7935	10.0	-	EQ	Szlovákia
172.	2016.05.09	11:33:21.2	48.3616	18.2277	7.0	2.4	EQ	Szlovákia
173.	2016.05.10	05:52:00.7	48.0711	16.1311	10.3	2.5	EQ	Ausztria
174.	2016.05.10	08:10:32.9	48.5944	20.7374	3.3	1.6	EQ	Szlovákia
175.	2016.05.10	08:51:45.1	48.4223	17.2041	0.0	2.2	EX	Szlovákia
176.	2016.05.10	10:47:34.7	47.8285	19.9317	0.0	2.0	GT	Gyöngyössolymos-Cserkő
177.	2016.05.11	06:12:31.7	46.3044	21.5785	4.5	1.8	EQ	Románia
178.	2016.05.11	07:36:40.6	45.7760	17.1557	13.9	1.8	EQ	Horvátország
179.	2016.05.11	09:42:58.1	48.8437	20.5489	9.0	1.7	EQ	Szlovákia

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	Dátum	idő	$\phi$ (°É)	$\lambda$ (°K)	Mélység (km)	Magnitúdó	Típus	Hely
180.	2016.05.12	09:07:17.7	46.1204	18.0243	0.0	-	GT	Bükkösd-I
181.	2016.05.12	10:13:40.5	48.5641	20.7927	8.0	1.3	EQ	Tornanádaska
182.	2016.05.12	10:43:05.8	48.7917	20.0796	5.0	1.6	EQ	Szlovákia
183.	2016.05.13	07:50:39.2	48.7007	18.6381	0.0	1.9	EQ	Szlovákia
184.	2016.05.16	07:23:12.1	48.5256	19.3605	0.5	2.0	EQ	Szlovákia
185.	2016.05.16	09:17:29.9	48.7917	18.1317	4.6	1.5	EQ	Szlovákia
186.	2016.05.17	07:53:15.2	47.0606	18.0687	6.5	1.3	EQ	Balatonfűzfő
187.	2016.05.17	08:28:08.6	47.5562	17.7778	5.0	2.0	EQ	Pázmándfalu
188.	2016.05.18	08:16:52.5	48.7248	20.5781	5.0	1.9	EQ	Szlovákia
189.	2016.05.18	10:37:09.8	48.2220	21.1998	14.8	2.1	EQ	Golop
190.	2016.05.19	14:39:19.2	47.8920	19.4049	0.0	1.7	GT	Bercel
191.	2016.05.19	14:41:20.8	47.8920	19.4049	0.0	1.1	GT	Bercel
192.	2016.05.21	05:36:39.8	46.3039	21.6675	2.6	1.7	EQ	Románia
193.	2016.05.23	10:48:39.9	48.7989	20.1059	0.0	1.4	EQ	Szlovákia
194.	2016.05.23	13:49:00.8	46.0531	22.8181	0.8	2.0	EQ	Románia
195.	2016.05.24	05:44:31.7	47.3087	17.6676	0.0	1.5	EX	Bakonykoppány
196.	2016.05.24	08:06:56.2	48.5499	20.7671	5.0	1.8	EQ	Komjáti
197.	2016.05.24	09:22:16.7	48.3285	19.8576	0.0	1.5	EQ	Szlovákia
198.	2016.05.24	09:40:27.5	48.6838	18.5917	1.5	1.7	EQ	Szlovákia
199.	2016.05.25	08:50:58.0	45.5169	17.7330	5.0	2.6	EQ	Horvátország
200.	2016.05.25	09:00:21.5	48.5672	19.3000	6.0	2.0	EQ	Szlovákia
201.	2016.05.26	08:33:24.0	48.5219	19.3594	9.1	1.9	EQ	Szlovákia
202.	2016.05.26	09:52:25.8	48.5483	20.7736	0.0	1.5	EQ	Komjáti
203.	2016.05.26	10:16:33.8	47.6337	18.1075	5.0	-	EQ	Kisigmánd
204.	2016.05.27	08:08:48.0	47.0709	18.0780	1.6	1.5	EQ	Papkeszi
205.	2016.05.27	21:55:12.6	47.3306	18.3073	1.1	1.4	EQ	Söréd
206.	2016.05.30	08:48:41.3	47.8987	20.0893	0.0	1.9	GT	Recsk
207.	2016.05.31	07:16:00.9	48.4124	19.1252	8.3	2.1	EQ	Szlovákia
208.	2016.05.31	07:59:25.9	48.7229	20.5474	5.0	1.7	EQ	Szlovákia
209.	2016.05.31	09:28:52.6	48.6522	19.9112	5.0	1.4	EQ	Szlovákia
210.	2016.05.31	10:30:28.6	48.8026	19.8018	6.6	1.7	EQ	Szlovákia
211.	2016.05.31	10:33:09.9	48.6336	20.3417	0.0	1.5	EQ	Szlovákia
212.	2016.05.31	10:35:44.0	48.6636	20.4227	10.0	-	EQ	Szlovákia
213.	2016.06.01	07:48:42.8	48.5344	19.3659	1.6	2.1	EQ	Szlovákia
214.	2016.06.01	09:36:59.0	48.0982	20.6306	5.0	1.7	EQ	Bükkszentkereszt
215.	2016.06.02	08:04:46.9	46.1204	18.0243	0.0	-	GT	Bükkösd-I
216.	2016.06.02	10:46:11.2	47.8920	19.4049	0.0	0.8	GT	Bercel
217.	2016.06.03	07:42:15.9	47.3213	17.6223	0.0	1.3	EX	Ugod
218.	2016.06.03	08:06:06.6	48.6945	20.6137	5.4	1.6	EQ	Szlovákia
219.	2016.06.03	10:27:53.2	47.1131	17.9810	0.0	1.7	EX	Litér
220.	2016.06.04	09:31:39.2	46.1765	18.2926	0.0	-	GT	Komló-II
221.	2016.06.04	11:17:57.4	45.9990	17.0450	11.3	2.7	EQ	Horvátország
222.	2016.06.05	00:17:48.9	45.9110	16.0633	8.3	1.7	EQ	Horvátország
223.	2016.06.06	06:13:51.8	46.3357	21.5911	4.2	1.9	EQ	Románia
224.	2016.06.07	12:01:50.6	48.3764	17.2534	9.3	2.1	EQ	Szlovákia
225.	2016.06.08	09:04:38.0	48.6829	20.6272	4.5	1.7	EQ	Szlovákia
226.	2016.06.08	10:58:47.8	48.8678	20.9253	4.4	1.9	EQ	Szlovákia
227.	2016.06.09	05:41:55.6	48.4074	19.1533	0.0	1.9	EQ	Szlovákia
228.	2016.06.14	09:05:08.7	48.5891	20.7303	1.1	1.7	EQ	Szlovákia
229.	2016.06.15	06:03:09.2	47.3204	17.6891	5.0	1.6	EQ	Bakonykoppány
230.	2016.06.15	09:14:03.5	48.6479	20.7815	5.7	1.7	EQ	Szlovákia

	Dátum	idő	$\phi$ ( $^{\circ}$ É)	$\lambda$ ( $^{\circ}$ K)	Mélység (km)	Magnitúdó	Típus	Hely
231.	2016.06.15	09:23:34.2	48.5930	20.7361	7.0	1.7	EQ	Szlovákia
232.	2016.06.16	09:19:10.4	48.6350	20.7401	3.3	1.6	EQ	Szlovákia
233.	2016.06.16	12:06:41.6	47.1880	19.2150	0.0	1.6	EQ	Bugyi
234.	2016.06.16	12:08:14.5	47.1209	19.3755	0.0	1.8	EQ	Örkény
235.	2016.06.18	08:30:55.5	48.3905	18.2472	8.1	1.4	EQ	Szlovákia
236.	2016.06.20	09:03:07.0	47.8987	20.0893	0.0	2.1	GT	Recsk
237.	2016.06.23	10:29:08.4	46.2865	21.8658	1.6	1.5	EQ	Románia
238.	2016.06.23	21:52:17.9	47.7605	18.1886	11.0	1.9	EQ	Szlovákia
239.	2016.06.23	22:38:49.7	46.2214	16.4103	10.4	1.7	EQ	Horvátország
240.	2016.06.24	07:11:51.9	48.4036	19.1096	2.9	1.7	EQ	Szlovákia
241.	2016.06.24	23:03:46.7	47.9491	17.4396	3.9	2.0	EQ	Szlovákia
242.	2016.06.25	00:33:00.0	48.7419	19.1328	3.9	1.7	EQ	Szlovákia
243.	2016.06.27	08:11:14.2	47.0964	18.0345	2.2	1.4	EQ	Királyszentistván
244.	2016.06.29	09:38:05.6	46.3286	21.9835	1.9	1.5	EQ	Románia
245.	2016.06.30	06:49:26.8	47.0838	18.0720	0.0	1.4	EQ	Papkeszi
246.	2016.06.30	08:00:19.0	48.6966	18.6459	1.8	1.9	EQ	Szlovákia
247.	2016.06.30	10:08:21.6	48.2276	18.7815	3.1	1.9	EQ	Szlovákia
248.	2016.06.30	12:23:02.9	46.1831	16.3475	18.3	3.3	EQ	Horvátország
249.	2016.06.30	17:49:08.2	46.1637	16.2599	6.1	2.6	EQ	Horvátország
250.	2016.07.01	11:31:10.6	45.5065	17.7963	5.0	1.9	EQ	Horvátország
251.	2016.07.02	06:28:12.8	46.6983	16.5365	10.9	1.8	EQ	Zalabaksa
252.	2016.07.04	09:52:22.6	48.3093	21.2043	6.7	2.0	EQ	Abaujkér
253.	2016.07.05	06:58:27.4	47.3104	17.6452	0.0	1.6	EX	Ugod
254.	2016.07.07	01:00:13.1	47.2494	17.8320	3.6	1.1	EQ	Zirc
255.	2016.07.07	11:38:08.8	45.9094	16.0252	6.6	2.2	EQ	Horvátország
256.	2016.07.13	09:38:40.0	48.5592	20.7297	0.0	1.9	EQ	Bódvaszilas
257.	2016.07.15	08:44:51.7	48.5452	20.8070	0.0	1.2	EQ	Bódvalenke
258.	2016.07.15	09:07:05.8	46.1765	18.2926	0.0	-	GT	Komló-II
259.	2016.07.15	09:24:15.5	45.5877	17.3596	10.0	1.7	EQ	Horvátország
260.	2016.07.18	11:46:13.9	47.8017	19.1567	0.0	1.5	EX	Kosd
261.	2016.07.20	09:59:46.7	48.3581	20.7928	5.1	1.7	EQ	Ládbesenyő
262.	2016.07.21	07:23:24.0	48.6786	18.3879	1.0	1.9	EQ	Szlovákia
263.	2016.07.21	10:18:25.0	48.3313	18.5701	5.5	1.2	EQ	Szlovákia
264.	2016.07.21	11:08:04.9	48.2963	21.0481	10.0	1.9	EQ	Ináncs
265.	2016.07.26	05:01:10.1	45.9515	21.7128	7.3	2.0	EQ	Románia
266.	2016.07.26	09:33:45.2	48.6881	19.2470	5.0	1.6	EQ	Szlovákia
267.	2016.07.26	16:19:46.6	47.4329	16.8901	8.8	2.1	EQ	Iván
268.	2016.07.27	14:48:31.9	46.0402	21.8220	7.0	1.3	EQ	Románia
269.	2016.07.29	09:42:29.2	48.3449	19.8550	0.0	1.7	EX	Szlovákia
270.	2016.07.31	07:13:25.4	48.0960	16.1035	7.6	1.3	EQ	Ausztria
271.	2016.08.01	09:01:32.6	45.8489	21.7587	1.0	1.8	EQ	Románia
272.	2016.08.01	12:07:05.9	45.9470	16.0199	7.3	2.2	EQ	Horvátország
273.	2016.08.01	19:50:33.0	47.1583	18.3651	11.6	1.6	EQ	Sárszentmihály
274.	2016.08.02	00:29:12.7	47.1486	18.3772	7.6	1.8	EQ	Sárszentmihály
275.	2016.08.02	01:36:50.0	47.1386	18.3651	6.6	2.2	EQ	Szabadbattyán
276.	2016.08.02	07:41:57.5	45.8525	18.3977	0.0	-	GT	Nagyharsány-I
277.	2016.08.02	07:56:50.2	48.6004	20.7360	3.2	1.6	EQ	Szlovákia
278.	2016.08.02	08:19:21.6	48.6606	19.0759	5.0	1.3	EQ	Szlovákia
279.	2016.08.02	08:58:16.3	48.4006	17.2474	0.0	2.1	EX	Szlovákia
280.	2016.08.04	02:53:14.3	47.6527	20.1996	10.0	1.9	EQ	Boconád
281.	2016.08.05	07:00:56.1	48.5710	19.4177	5.0	2.0	EQ	Szlovákia

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	Dátum	idő	$\phi$ ( $^{\circ}$ É)	$\lambda$ ( $^{\circ}$ K)	Mélység (km)	Magnitúdó	Típus	Hely
282.	2016.08.05	12:26:46.2	47.1665	18.4036	10.4	1.5	EQ	Székesfehérvár
283.	2016.08.07	19:20:11.4	48.6548	18.9733	9.9	1.9	EQ	Szlovákia
284.	2016.08.08	10:44:04.6	46.0740	18.5596	5.0	-	EQ	Himesháza
285.	2016.08.08	23:46:13.6	45.8927	16.3665	5.0	1.8	EQ	Horvátország
286.	2016.08.09	01:59:33.7	47.4078	18.2260	3.7	1.5	EQ	Pusztavám
287.	2016.08.09	06:33:24.3	47.3131	17.6617	0.0	1.5	EX	Bakonykoppány
288.	2016.08.09	08:18:22.7	46.0633	22.8641	5.8	1.8	EQ	Románia
289.	2016.08.09	09:43:08.2	48.5898	20.7851	0.0	2.1	EQ	Szlovákia
290.	2016.08.10	08:11:06.4	48.5961	20.7538	3.3	1.3	EQ	Szlovákia
291.	2016.08.11	09:58:40.3	48.6008	20.7662	0.0	1.3	EQ	Szlovákia
292.	2016.08.12	03:03:50.6	47.6629	16.1498	9.8	2.3	EQ	Ausztria
293.	2016.08.12	03:16:35.6	47.7069	16.1216	4.1	2.4	EQ	Ausztria
294.	2016.08.12	06:21:00.8	48.6312	19.1484	5.0	1.5	EQ	Szlovákia
295.	2016.08.12	13:02:58.1	45.5452	17.3089	15.0	1.7	EQ	Horvátország
296.	2016.08.12	14:33:44.6	45.8431	16.3314	7.8	2.0	EQ	Horvátország
297.	2016.08.12	21:54:23.0	47.6521	18.0323	9.6	1.8	EQ	Nagyigmánd
298.	2016.08.12	23:39:34.1	47.7010	16.1127	7.6	2.2	EQ	Ausztria
299.	2016.08.13	22:30:28.6	48.9072	18.2111	3.8	1.8	EQ	Szlovákia
300.	2016.08.15	05:54:32.0	48.4200	18.6480	5.3	1.6	EQ	Szlovákia
301.	2016.08.15	15:31:26.9	48.5096	18.7810	5.4	1.5	EQ	Szlovákia
302.	2016.08.16	07:44:07.4	45.8525	18.3977	0.0	1.1	GT	Nagyharsány-I
303.	2016.08.16	13:40:21.5	47.4033	18.1763	3.4	1.4	EQ	Mór
304.	2016.08.17	07:02:25.9	48.5227	19.3586	1.1	1.5	EQ	Szlovákia
305.	2016.08.17	07:07:05.4	47.3050	17.6348	1.4	1.6	EQ	Ugod
306.	2016.08.17	08:41:24.8	45.8367	21.6923	4.4	1.8	EQ	Románia
307.	2016.08.18	10:59:07.7	45.8400	21.6434	5.0	1.4	EQ	Románia
308.	2016.08.19	11:30:41.0	47.8368	19.1397	0.0	1.4	EX	Szendehely
309.	2016.08.20	06:44:25.8	47.3568	18.1574	5.3	1.5	EQ	Nagyveleg
310.	2016.08.20	06:53:20.0	47.3357	17.9977	5.0	1.5	EQ	Csetény
311.	2016.08.20	19:47:37.2	46.3532	21.8578	10.0	1.4	EQ	Románia
312.	2016.08.21	23:16:02.6	45.6004	21.3100	0.1	2.2	EQ	Románia
313.	2016.08.22	10:50:02.8	46.3686	21.9940	4.4	1.5	EQ	Románia
314.	2016.08.22	11:34:52.9	48.0047	19.6459	9.6	1.7	EQ	Garáb
315.	2016.08.23	10:45:29.8	45.5343	17.7984	6.1	2.3	EQ	Horvátország
316.	2016.08.23	23:09:42.2	45.6908	17.5345	7.2	2.1	EQ	Horvátország
317.	2016.08.24	10:03:01.5	47.2302	18.2835	0.0	1.6	GT	Iszkaszentgyörgy
318.	2016.08.25	10:28:13.5	48.1642	19.0222	5.0	1.6	EQ	Szlovákia
319.	2016.08.26	03:51:57.8	46.9284	17.6682	8.8	1.4	EQ	Balatoncsicsó
320.	2016.08.26	08:09:28.2	46.3632	18.1668	0.0	-	EQ	Csikóstóttós
321.	2016.08.27	08:55:01.8	46.1765	18.2926	0.0	-	GT	Komló-II
322.	2016.08.29	08:51:33.8	48.1300	21.3578	10.0	-	EQ	Tarcal
323.	2016.08.29	14:43:24.0	47.4367	19.8307	2.0	1.9	EQ	Nagykátá
324.	2016.08.31	18:22:25.6	46.9586	17.4751	9.2	1.6	EQ	Sáska
325.	2016.09.01	05:42:20.9	48.6267	20.1870	10.0	1.5	EQ	Szlovákia
326.	2016.09.01	09:52:51.0	46.3179	21.9944	5.6	2.1	EQ	Románia
327.	2016.09.01	11:20:22.2	45.9720	17.6865	10.0	2.4	EQ	Szörény
328.	2016.09.03	08:25:23.0	47.8292	19.3243	0.0	-	EQ	Csővár
329.	2016.09.05	08:43:11.0	48.3991	17.2712	5.5	1.8	EQ	Szlovákia
330.	2016.09.05	14:14:22.2	47.0634	18.0416	4.7	1.6	EQ	Balatonfűzfő
331.	2016.09.06	09:39:10.2	48.6474	19.2623	10.0	1.3	EQ	Szlovákia
332.	2016.09.06	10:10:19.8	47.8987	20.0893	0.0	1.6	GT	Recsk

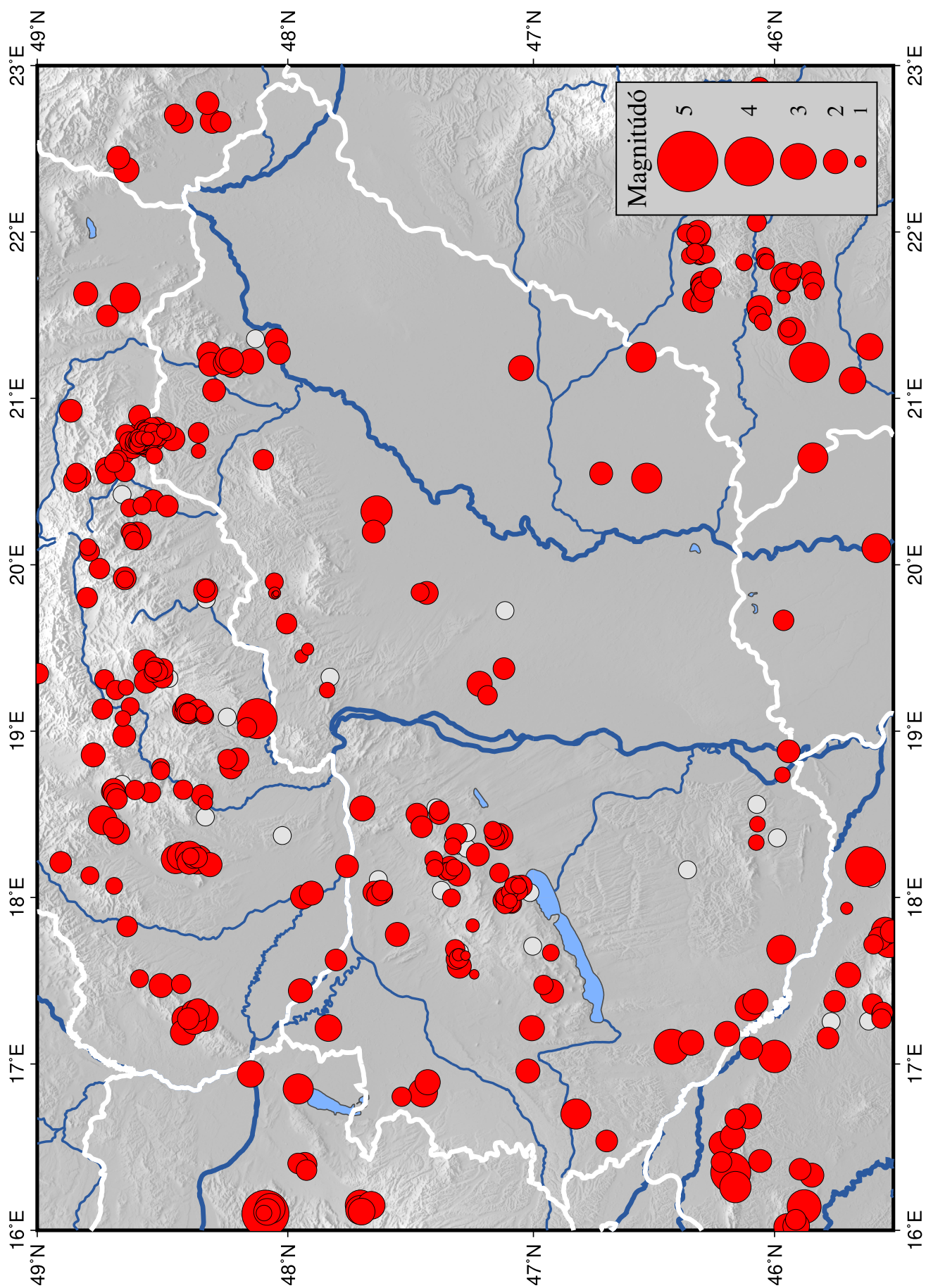
	Dátum	idő	$\phi$ ( $^{\circ}$ É)	$\lambda$ ( $^{\circ}$ K)	Mélység (km)	Magnitúdó	Típus	Hely
333.	2016.09.08	07:42:47.4	48.3979	19.1078	8.5	1.8	EQ	Szlovákia
334.	2016.09.08	22:28:02.0	47.9583	16.4019	13.4	1.7	EQ	Ausztria
335.	2016.09.09	11:07:22.3	46.3110	21.8603	1.2	1.6	EQ	Románia
336.	2016.09.10	13:25:57.4	46.0600	16.4169	10.4	1.9	EQ	Horvátország
337.	2016.09.12	08:40:06.5	47.8920	19.4049	0.0	-	GT	Bercel
338.	2016.09.13	08:28:08.3	48.5243	20.8246	0.0	1.7	EQ	Becskeháza
339.	2016.09.13	11:00:27.7	48.3800	17.3138	0.0	1.9	EQ	Szlovákia
340.	2016.09.14	06:03:12.2	48.3354	19.1020	0.0	1.4	EQ	Szlovákia
341.	2016.09.14	14:58:37.4	46.0319	21.8207	7.1	1.3	EQ	Románia
342.	2016.09.16	10:03:05.6	48.1495	16.9399	4.0	2.2	EQ	Ausztria
343.	2016.09.19	08:26:48.3	48.5592	20.7625	5.7	1.8	EQ	Komjáti
344.	2016.09.19	08:48:13.0	46.4609	22.4576	0.8	1.8	EQ	Románia
345.	2016.09.19	12:01:51.0	48.3778	18.2363	8.3	1.7	EQ	Szlovákia
346.	2016.09.20	08:41:54.6	48.5227	20.7918	0.0	1.4	EQ	Tornaszentandrás
347.	2016.09.21	06:25:22.2	47.3122	17.6310	0.0	1.6	EX	Ugod
348.	2016.09.21	09:53:47.3	47.3074	18.1406	3.7	2.0	EQ	Balinka
349.	2016.09.22	11:26:30.2	47.0979	18.1492	0.0	-	EX	Berhida
350.	2016.09.28	09:29:18.1	46.0742	22.0579	5.1	1.6	EQ	Románia
351.	2016.09.28	12:37:30.0	48.5591	20.7729	5.8	1.8	EQ	Tornanádaska
352.	2016.09.29	05:58:10.2	48.7537	19.9773	17.2	1.7	EQ	Szlovákia
353.	2016.09.29	08:58:07.8	46.0711	18.4410	5.0	1.3	EQ	Kátoly
354.	2016.09.29	09:07:19.1	46.2646	21.7246	1.9	1.7	EQ	Románia
355.	2016.09.30	07:09:23.3	48.4057	19.1583	4.2	1.8	EQ	Szlovákia
356.	2016.09.30	09:55:02.5	45.5839	17.7186	2.2	1.6	EQ	Horvátország
357.	2016.10.03	08:55:21.9	48.5079	17.4708	1.8	2.0	EQ	Szlovákia
358.	2016.10.04	12:38:45.6	47.3430	18.1610	8.2	1.5	EQ	Balinka
359.	2016.10.05	07:50:21.3	48.5692	20.7654	5.0	1.6	EQ	Szlovákia
360.	2016.10.06	08:16:58.0	48.5171	20.7918	4.5	1.4	EQ	Tornaszentandrás
361.	2016.10.06	08:28:27.3	47.8987	20.0893	0.0	1.7	GT	Recsk
362.	2016.10.06	14:10:38.1	47.3582	18.1674	2.4	1.7	EQ	Mór
363.	2016.10.06	21:18:00.0	47.3989	18.5393	10.4	-	EQ	Vértesboglár
364.	2016.10.07	08:41:10.4	48.5706	20.7753	5.6	1.6	EQ	Szlovákia
365.	2016.10.07	10:56:05.9	48.4283	17.4795	1.7	1.6	EQ	Szlovákia
366.	2016.10.07	11:08:13.0	47.8920	19.4049	0.0	1.2	GT	Bercel
367.	2016.10.07	14:34:26.3	47.3862	18.5012	7.0	1.7	EQ	Csákvár
368.	2016.10.07	15:06:11.3	48.0532	19.8297	5.0	1.0	EQ	Vizslás
369.	2016.10.07	17:12:44.1	48.0472	19.8265	5.0	0.5	EQ	Vizslás
370.	2016.10.07	19:24:50.6	47.3859	18.5221	9.8	1.6	EQ	Vértesacsa
371.	2016.10.07	21:07:42.6	48.0508	19.8202	5.0	0.6	EQ	Vizslás
372.	2016.10.09	20:37:03.0	46.1063	17.3421	10.6	2.3	EQ	Háromfa
373.	2016.10.09	20:45:09.3	47.8047	17.6245	14.3	1.8	EQ	Vámosszabadi
374.	2016.10.10	09:38:12.8	47.8920	19.4049	0.0	1.3	GT	Bercel
375.	2016.10.10	10:00:42.0	47.8509	19.1450	0.0	1.4	EX	Szendehely
376.	2016.10.10	10:40:49.7	46.0796	17.3746	9.0	2.1	EQ	Rinyaújnép
377.	2016.10.11	08:44:29.2	48.5819	20.7436	6.6	1.5	EQ	Szlovákia
378.	2016.10.12	08:23:13.6	48.9962	19.3462	6.1	1.7	EQ	Szlovákia
379.	2016.10.12	13:09:07.5	46.0397	21.8525	12.6	1.5	EQ	Románia
380.	2016.10.14	08:11:15.4	47.0496	18.0694	0.6	1.8	EQ	Balatonfűzfő
381.	2016.10.15	01:49:47.5	47.3438	18.1863	10.0	1.7	EQ	Balinka
382.	2016.10.15	01:54:36.3	47.3246	18.1802	3.8	1.4	EQ	Balinka
383.	2016.10.16	02:46:47.3	47.2729	18.3895	0.0	-	EQ	Sárkeresztes

FEJEZET 2. LOKÁLIS ESEMÉNYEK

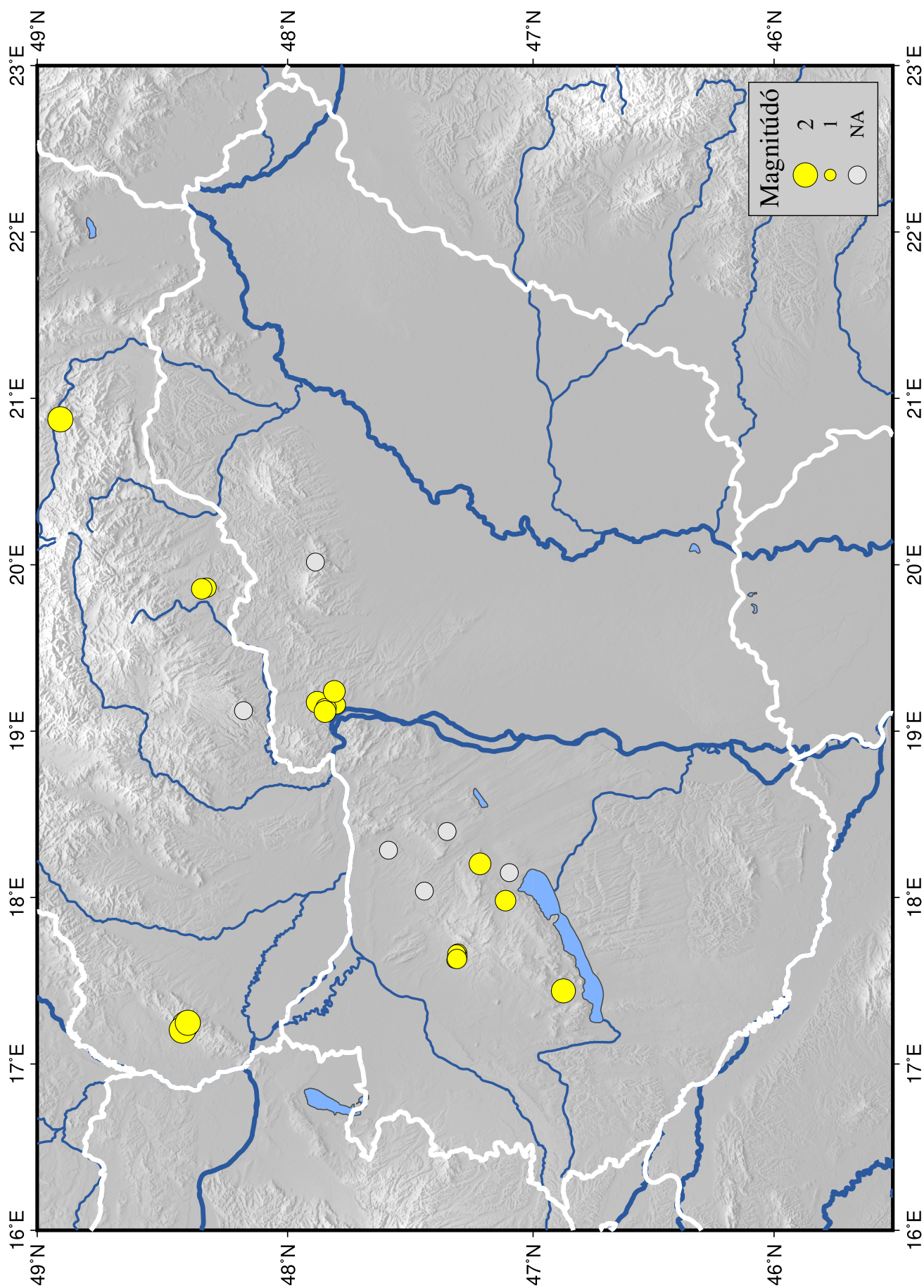
	Dátum	idő	$\phi$ ( $^{\circ}$ É)	$\lambda$ ( $^{\circ}$ K)	Mélység (km)	Magnitúdó	Típus	Hely
384.	2016.10.16	17:44:49.9	46.0979	17.0950	14.5	1.9	EQ	Horvátország
385.	2016.10.19	07:34:35.2	48.4077	19.1139	4.7	1.9	EQ	Szlovákia
386.	2016.10.19	08:16:03.1	48.6129	20.7244	4.8	1.6	EQ	Szlovákia
387.	2016.10.19	13:55:26.5	48.3301	19.8444	2.2	2.0	EQ	Szlovákia
388.	2016.10.20	10:41:27.6	48.5564	20.7683	4.6	1.4	EQ	Komjáti
389.	2016.10.21	08:35:54.7	47.1161	17.9570	4.7	1.5	EQ	Veszprém
390.	2016.10.21	09:37:33.5	48.5744	20.7630	0.0	1.5	EQ	Szlovákia
391.	2016.10.23	23:35:36.1	47.9448	19.4487	4.0	1.1	EQ	Terény
392.	2016.10.24	09:40:58.0	48.5720	20.7742	4.6	1.8	EQ	Szlovákia
393.	2016.10.25	07:49:17.7	47.8987	20.0893	0.0	1.9	GT	Recsk
394.	2016.10.25	09:30:44.6	48.5515	20.7828	2.9	1.4	EQ	Tornanádaska
395.	2016.10.26	09:25:15.3	47.1185	18.0059	3.4	1.6	EQ	Litér
396.	2016.10.27	10:00:45.4	48.3583	20.6828	0.0	1.2	EQ	Szuhogy
397.	2016.10.28	02:59:20.8	47.0506	21.1812	7.1	2.1	EQ	Szeghalom
398.	2016.10.28	10:40:10.0	48.5196	20.7845	5.7	1.7	EQ	Tornaszentandrás
399.	2016.10.28	11:47:49.8	48.2270	21.2280	0.0	2.0	EQ	Tállya
400.	2016.10.28	12:45:56.1	48.6461	22.3730	10.0	2.1	EQ	Ukrajna
401.	2016.10.30	03:19:57.9	47.3077	18.1550	4.9	-	EQ	Balinka
402.	2016.10.30	14:30:12.5	45.8390	20.6421	11.1	2.5	EQ	Románia
403.	2016.10.31	23:35:01.7	48.3226	22.7743	13.1	1.9	EQ	Ukrajna
404.	2016.11.03	09:35:02.1	48.5610	20.7571	3.8	1.1	EQ	Komjáti
405.	2016.11.04	08:45:09.9	46.2939	21.6429	3.0	1.7	EQ	Románia
406.	2016.11.04	10:15:38.4	48.2424	21.2352	6.4	2.0	EQ	Tállya
407.	2016.11.05	11:40:09.7	48.5649	20.8044	5.0	1.7	EQ	Tornanádaska
408.	2016.11.05	23:29:11.2	46.7205	20.5486	5.8	1.9	EQ	Eperjes
409.	2016.11.05	23:44:22.9	46.5323	20.5196	2.8	2.5	EQ	Székkutas
410.	2016.11.07	09:30:41.2	48.5367	19.3520	10.5	1.6	EQ	Szlovákia
411.	2016.11.08	06:04:18.9	48.2692	22.6614	24.3	1.7	EQ	Ukrajna
412.	2016.11.08	06:12:34.5	48.3035	22.6645	4.1	2.0	EQ	Ukrajna
413.	2016.11.08	09:40:58.9	48.3906	19.1218	2.5	2.0	EQ	Szlovákia
414.	2016.11.08	11:01:26.5	48.5311	20.7591	5.6	1.2	EQ	Komjáti
415.	2016.11.08	20:52:31.7	48.0541	19.8965	10.2	1.5	EQ	Mátraszele
416.	2016.11.09	09:35:26.8	47.3525	18.3965	0.0	-	EX	Zámoly
417.	2016.11.09	09:47:21.8	48.0356	21.2726	5.0	1.9	EQ	Tiszadada
418.	2016.11.11	08:09:55.7	47.8987	20.0893	0.0	2.0	GT	Recsk
419.	2016.11.11	09:41:49.3	48.5694	20.7842	7.5	1.5	EQ	Szlovákia
420.	2016.11.11	09:42:00.0	46.1765	18.2926	0.0	-	GT	Komló-II
421.	2016.11.11	11:17:22.7	47.8111	19.2385	0.0	1.8	EX	Penc
422.	2016.11.11	18:26:16.8	47.4521	16.8281	13.4	2.4	EQ	Újkér
423.	2016.11.13	11:40:20.8	47.1166	19.7239	10.0	-	EQ	Csemő
424.	2016.11.14	00:55:24.9	47.9580	16.8499	8.4	2.5	EQ	Ausztria
425.	2016.11.14	10:19:42.5	48.5852	20.7650	3.7	1.6	EQ	Szlovákia
426.	2016.11.14	14:15:20.3	48.5447	20.8311	0.0	1.5	EQ	Becskeháza
427.	2016.11.15	08:35:03.2	47.1395	18.1472	5.0	1.6	EQ	Pétfürdő
428.	2016.11.15	11:20:21.4	48.5646	20.7707	10.1	1.9	EQ	Tornanádaska
429.	2016.11.16	09:00:15.2	48.5305	20.7691	6.9	1.7	EQ	Tornaszentandrás
430.	2016.11.16	09:54:55.9	45.8525	18.3977	0.0	-	GT	Nagyharsány-I
431.	2016.11.18	11:11:37.7	48.5943	20.8936	8.5	1.8	EQ	Szlovákia
432.	2016.11.20	20:31:41.5	45.9623	19.6654	3.4	1.7	EQ	Szerbia
433.	2016.11.22	12:04:51.8	48.7219	21.4961	18.3	1.8	EQ	Szlovákia
434.	2016.11.22	12:42:05.4	46.3241	21.9813	1.0	2.2	EQ	Románia

	Dátum	idő	$\phi$ ( $^{\circ}$ É)	$\lambda$ ( $^{\circ}$ K)	Mélység (km)	Magnitúdó	Típus	Hely
435.	2016.11.23	11:17:36.7	48.5611	20.7878	7.4	1.4	EQ	Tornanádaska
436.	2016.11.23	14:03:27.4	47.8987	20.0893	0.0	1.7	GT	Recsk
437.	2016.11.24	11:12:41.4	48.4970	20.8011	5.5	1.2	EQ	Tornabarakony
438.	2016.11.25	11:00:19.5	48.5469	20.7845	6.5	1.5	EQ	Tornanádaska
439.	2016.11.26	18:59:38.2	47.9045	18.0260	15.8	2.0	EQ	Szlovákia
440.	2016.11.27	18:39:47.7	47.0066	17.2150	11.3	2.1	EQ	Zalagyömörő
441.	2016.11.28	09:35:39.6	48.5760	20.7454	10.0	1.7	EQ	Szlovákia
442.	2016.11.28	10:56:52.6	46.1204	18.0243	0.0	-	GT	Bükkösd-I
443.	2016.11.29	08:55:29.1	48.5548	20.7836	0.0	1.7	EQ	Tornanádaska
444.	2016.11.30	11:35:23.0	48.5941	17.5125	10.5	1.5	EQ	Szlovákia
445.	2016.12.01	09:42:37.1	48.5465	20.7948	0.0	2.0	EQ	Bódvalenke
446.	2016.12.04	04:07:20.3	45.8759	16.1423	5.4	2.8	EQ	Horvátország
447.	2016.12.05	11:30:49.6	48.5710	20.7301	7.9	1.9	EQ	Szlovákia
448.	2016.12.06	12:26:08.9	47.8987	20.0893	0.0	1.8	GT	Recsk
449.	2016.12.07	11:38:24.8	48.5568	20.7580	1.6	1.8	EQ	Komjáti
450.	2016.12.09	09:45:34.1	47.0963	17.9793	4.4	1.2	EQ	Litér
451.	2016.12.09	09:45:16.0	48.5216	20.7710	4.2	1.6	EQ	Tornaszentandrás
452.	2016.12.10	18:49:37.5	45.6972	17.9346	1.5	1.0	EQ	Horvátország
453.	2016.12.12	01:02:34.1	48.4518	22.7029	12.2	1.8	EQ	Ukrajna
454.	2016.12.12	21:43:30.6	48.6436	17.8263	5.4	1.7	EQ	Szlovákia
455.	2016.12.13	09:26:54.1	48.4842	20.8011	11.9	1.5	EQ	Tornabarakony
456.	2016.12.14	09:55:52.1	46.1765	18.2926	0.0	-	GT	Komló-II
457.	2016.12.14	10:04:07.0	47.1192	18.0012	6.3	1.4	EQ	Litér
458.	2016.12.14	10:32:43.9	47.2175	18.2023	0.0	1.8	EX	Bakonykúti
459.	2016.12.14	10:56:00.2	48.6787	22.4469	15.0	1.9	EQ	Ukrajna
460.	2016.12.14	13:19:55.9	48.3610	17.3229	10.7	1.9	EQ	Szlovákia
461.	2016.12.15	12:14:08.6	48.5777	20.7624	6.5	1.5	EQ	Szlovákia
462.	2016.12.17	15:50:06.8	48.4259	22.6619	12.8	1.9	EQ	Ukrajna
463.	2016.12.19	10:10:30.9	48.0460	21.3502	5.8	1.9	EQ	Csobaj
464.	2016.12.20	09:18:37.4	48.7785	18.8568	7.4	2.0	EQ	Szlovákia
465.	2016.12.20	10:26:07.2	48.6533	19.9186	0.0	1.9	EQ	Szlovákia
466.	2016.12.20	10:27:34.6	48.5155	20.7970	5.0	1.9	EQ	Tornaszentandrás
467.	2016.12.21	09:52:00.9	48.5559	20.7849	6.1	2.0	EQ	Tornanádaska
468.	2016.12.21	11:25:40.8	47.8489	19.1172	0.0	1.8	EX	Szendehegy
469.	2016.12.21	14:09:39.0	45.9544	21.7278	2.6	2.5	EQ	Románia
470.	2016.12.21	19:06:49.7	46.0489	21.4581	7.2	1.4	EQ	Románia
471.	2016.12.22	09:53:29.9	48.5633	20.7804	1.3	1.6	EQ	Tornanádaska
472.	2016.12.22	17:07:19.4	47.6181	18.0419	9.7	1.7	EQ	Nagyigmánd
473.	2016.12.22	17:21:03.0	47.6364	18.0150	8.2	1.8	EQ	Bábolna
474.	2016.12.23	10:04:03.4	47.0936	17.9671	1.0	1.6	EQ	Litér
475.	2016.12.25	10:14:43.2	46.8250	16.6990	9.3	2.5	EQ	Németfalva
476.	2016.12.28	05:42:44.8	47.2278	18.2578	2.8	1.9	EQ	Csór
477.	2016.12.28	10:11:50.4	48.5417	20.7459	5.7	1.9	EQ	Bódvaszilas
478.	2016.12.29	08:49:59.0	47.0906	17.9663	5.3	1.7	EQ	Szentkirályszabadja
479.	2016.12.29	13:29:41.8	47.7068	16.1517	13.0	2.5	EQ	Ausztria
480.	2016.12.31	20:40:15.5	47.4573	18.4248	4.3	1.8	EQ	Várgesztes

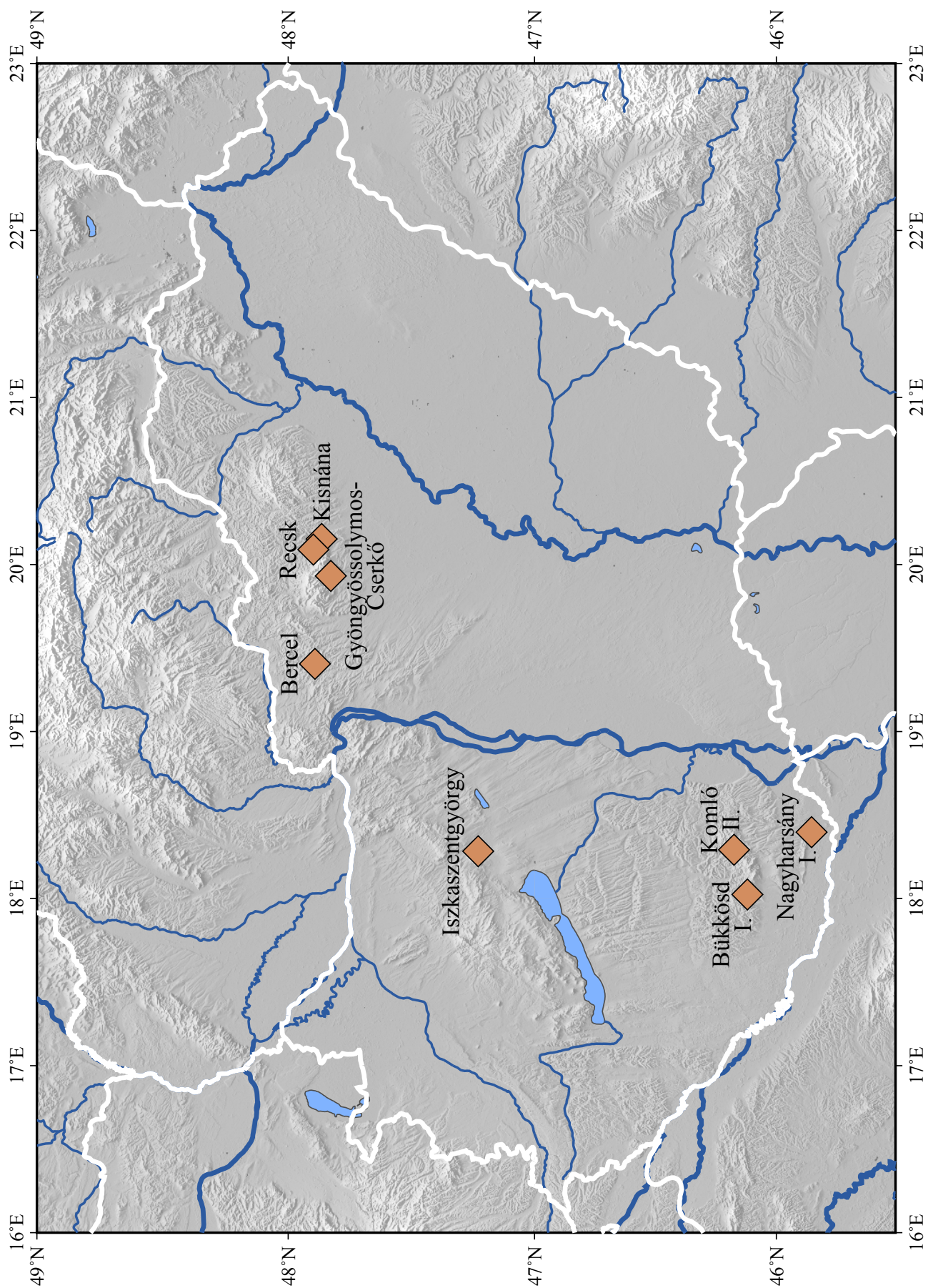




2.1. ábra. A 2016-ban azonosított földrengések epicentrumai. A magnitúdóval nem rendelkező eseményeket szürke körrel jelöltük.



2.2. ábra. A 2016-ban azonosított robbantások epicentrumai. A magnitúdóval nem rendelkező eseményeket szürke körrel jelöltük.



2.3. ábra. Az egyértelmű robbantásadatokat (ground truth események) biztosító bányák elhelyezkedése.

## 3. fejezet

# Makroszeizmikus adatok

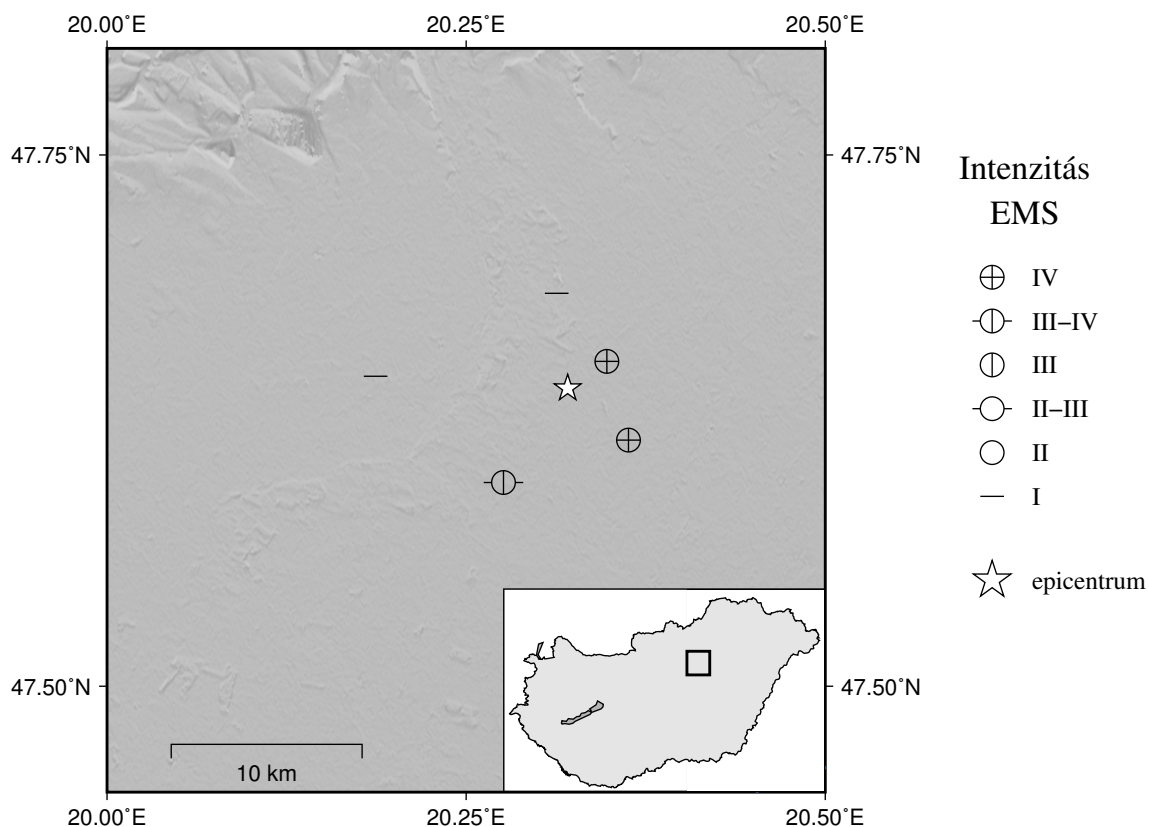
A 2016-os év folyamán hét, Magyarország területén keletkezett földrengést érzékelt a lakosság (3.1. táblázat). A földrengések hatását az érintett településekre postai úton kiküldött, valamint internetes kérdőívekkel mértük fel. Ebben a fejezetben az Európai Makroszeizmikus Skála (Grünthal, 1998) alapján végzett intenzitás-becslések eredményeit mutatjuk be.

A 3.2-3.8. táblázatok az érintett települések nevét, koordinátáit, a meghatározott EMS intenzitásértéket és a rendelkezésre álló adatok N számát tartalmazzák az egyes települések esetében. A 3.1-3.7. ábrák az EMS intenzitásértékek eloszlását mutatják, a műszeres epicentrumot fehér csillaggal jelöltük.

Dátum	Idő	$\phi$ ( $^{\circ}$ É)	$\lambda$ ( $^{\circ}$ K)	Mélység (km)	Magnitúdó (ML)	Max. intenzitás (EMS)
2016.01.22	06:16:19.6	47.6404	20.3207	7.4	2.6	IV
2016.04.25	05:54:06.2	46.4290	17.1038	11.5	2.9	III-IV
2016.04.29	04:41:28.1	47.2205	19.2844	11.1	2.1	III
2016.08.02	01:36:50.0	47.1386	18.3651	6.6	2.2	III-IV
2016.11.05	23:44:22.9	46.5323	20.5196	2.8	2.5	IV
2016.11.11	18:26:16.8	47.4521	16.8281	13.4	2.4	III
2016.12.25	10:14:43.2	46.8250	16.6990	9.3	2.5	III

3.1. táblázat. A magyar lakosság által érzékelt földrengések fészekparaméterei

2016.01.22 06:16 – Tenk



3.1. ábra.

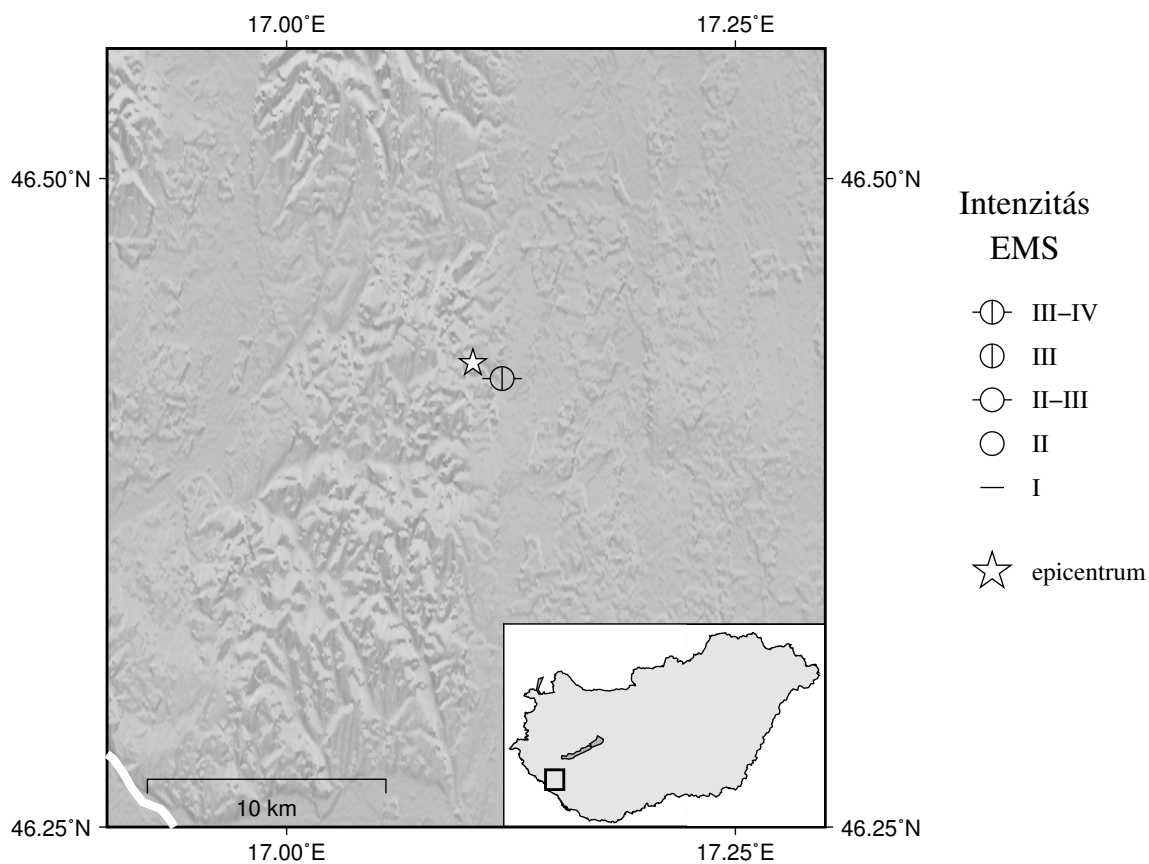
A 2016.01.22 06:16 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás-eloszlás

Helység	$\phi$ (°É)	$\lambda$ (°K)	Intenzitás (EMS)	N
Átány	47.616	20.363	IV	1
Boconád	47.646	20.187	I	1
Erdőtelek	47.685	20.313	I	1
Heves	47.596	20.276	III-IV	2
Tenk	47.653	20.348	IV	5

3.2. táblázat.

A 2016.01.22 06:16 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás értékek

2016.04.25 05:54 – Sand



3.2. ábra.

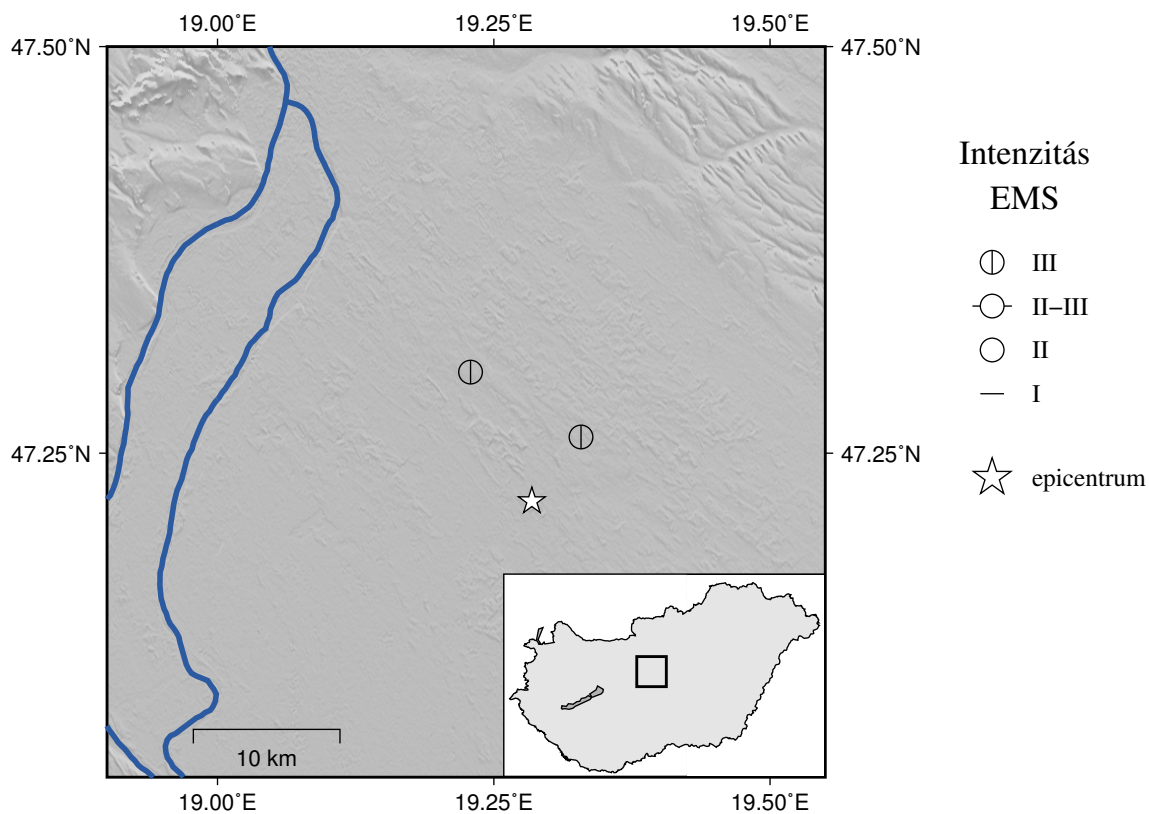
A 2016.04.25 05:54 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás-eloszlás

Helység	$\phi$ (°É)	$\lambda$ (°K)	Intenzitás (EMS)	N
Sand	46.423	17.12	III-IV	1

3.3. táblázat.

A 2016.04.25 05:54 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás értékek

2016.04.29 04:41 – Dabas



3.3. ábra.

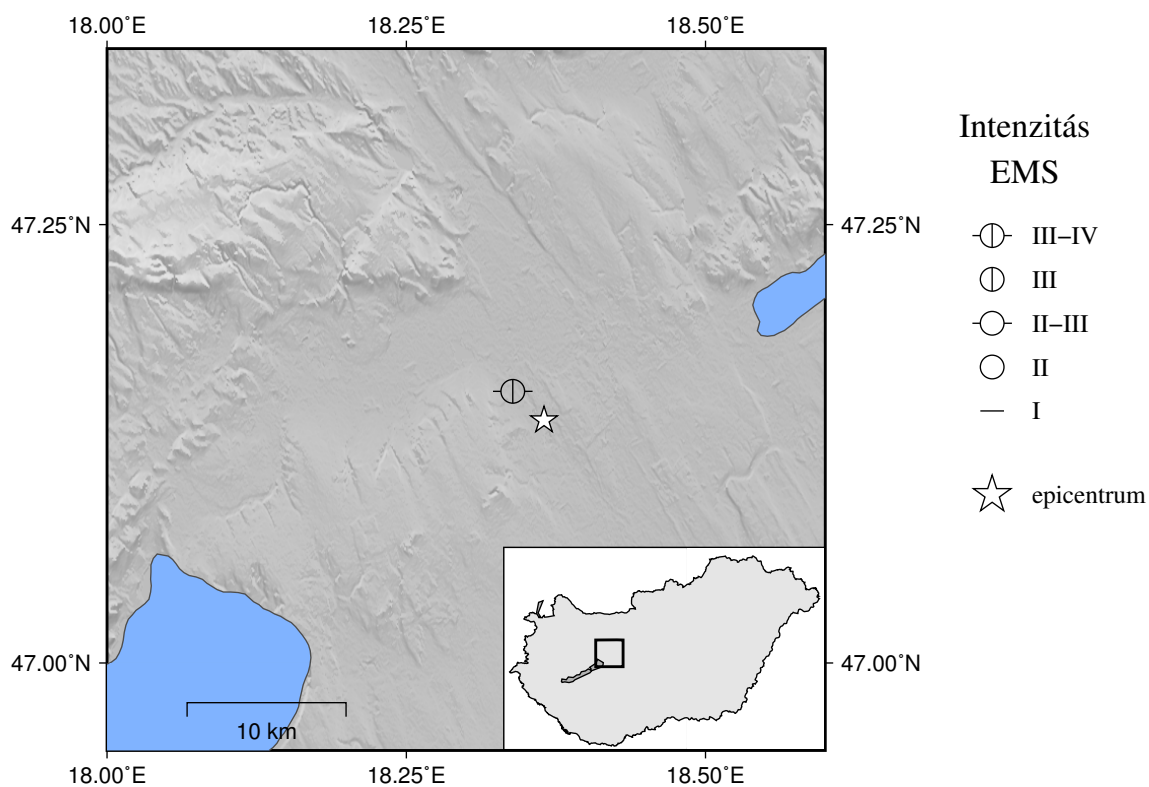
A 2016.04.29 04:41 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás-eloszlás

Helység	$\phi$ ( $^{\circ}$ É)	$\lambda$ ( $^{\circ}$ K)	Intenzitás (EMS)	N
Inárcs	47.260	19.329	III	3
Ócsa	47.300	19.229	III	2

3.4. táblázat.

A 2016.04.29 04:41 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás értékek

2016.08.02 01:36 – Szabadbattyán



3.4. ábra.

A 2016.08.02 01:36 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás-eloszlás

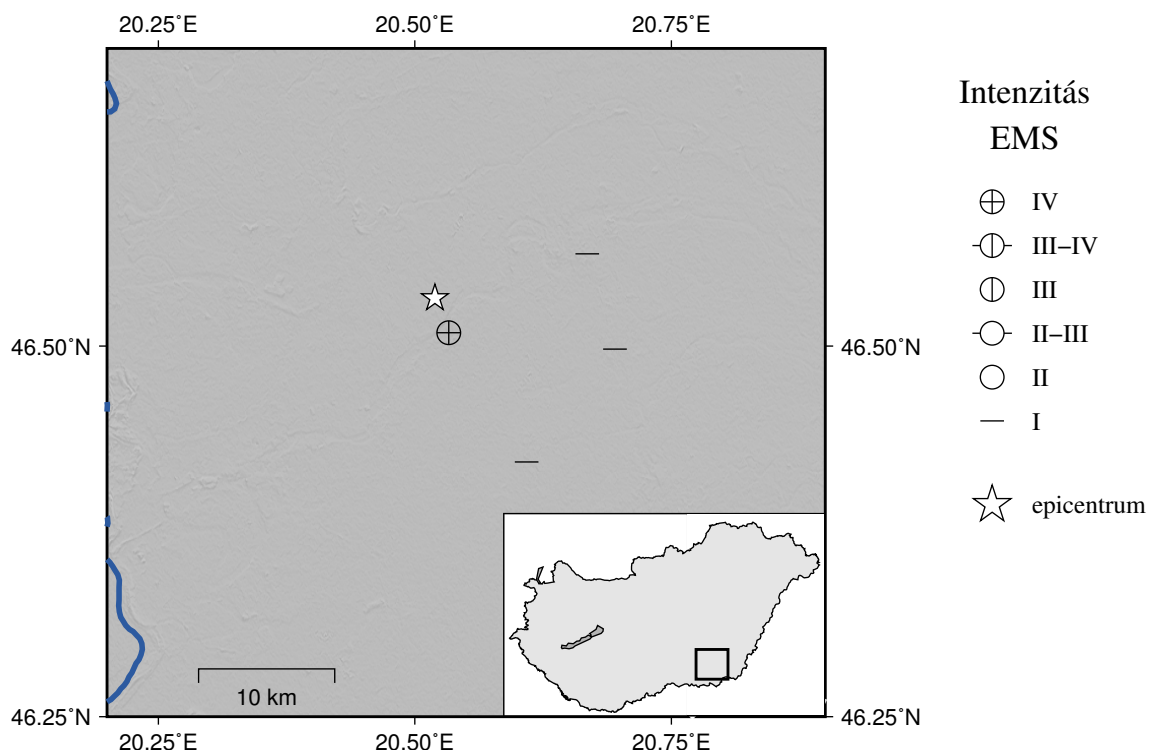
Helység	$\phi$ ( $^{\circ}$ É)	$\lambda$ ( $^{\circ}$ K)	Intenzitás (EMS)	N
Sárszentmihály	47.155	18.339	III-IV	1

3.5. táblázat.

A 2016.08.02 01:36 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás értékek



2016.11.05 23:44 – Székkutas



3.5. ábra.

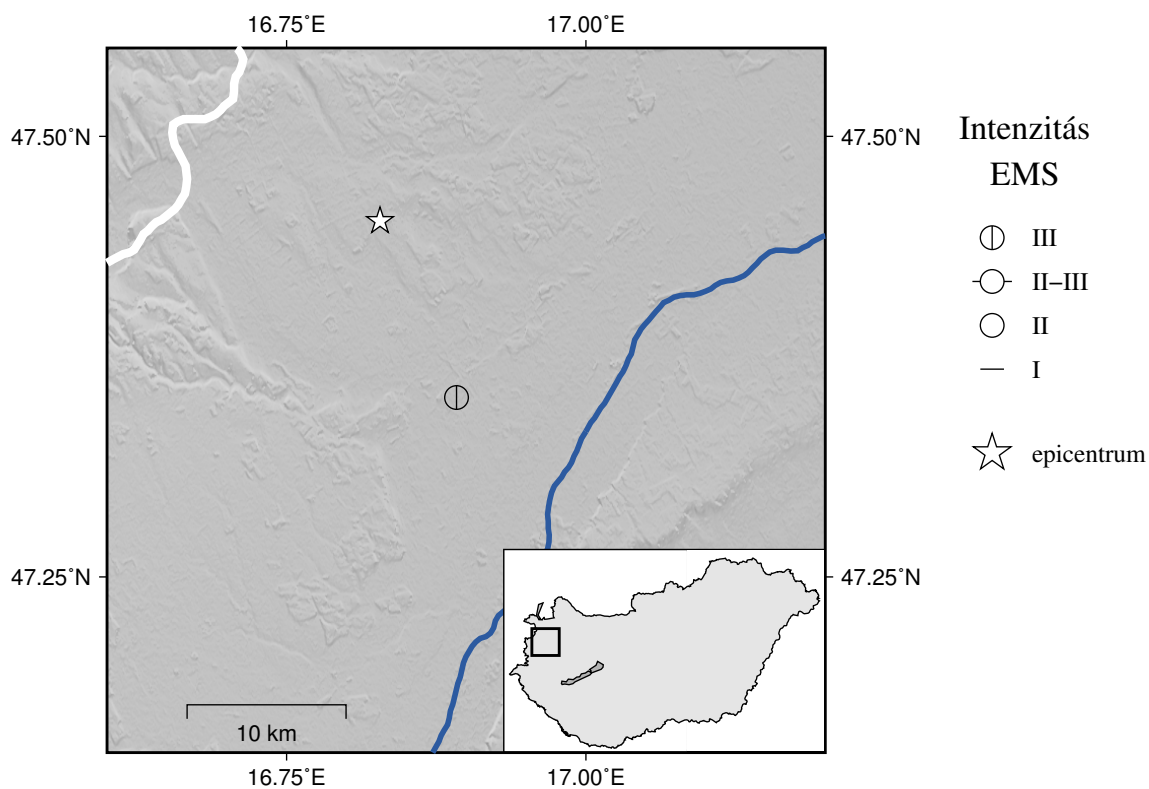
A 2016.11.05 23:44 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás-eloszlás

Helység	$\phi$ (°É)	$\lambda$ (°K)	Intenzitás (EMS)	N
Békéssámson	46.422	20.609	I	1
Kardoskút	46.498	20.695	I	1
Orosháza	46.562	20.668	I	1
Székkutas	46.509	20.533	IV	2

3.6. táblázat.

A 2016.11.05 23:44 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás értékek

2016.11.11 18:26 – Újkér



3.6. ábra.

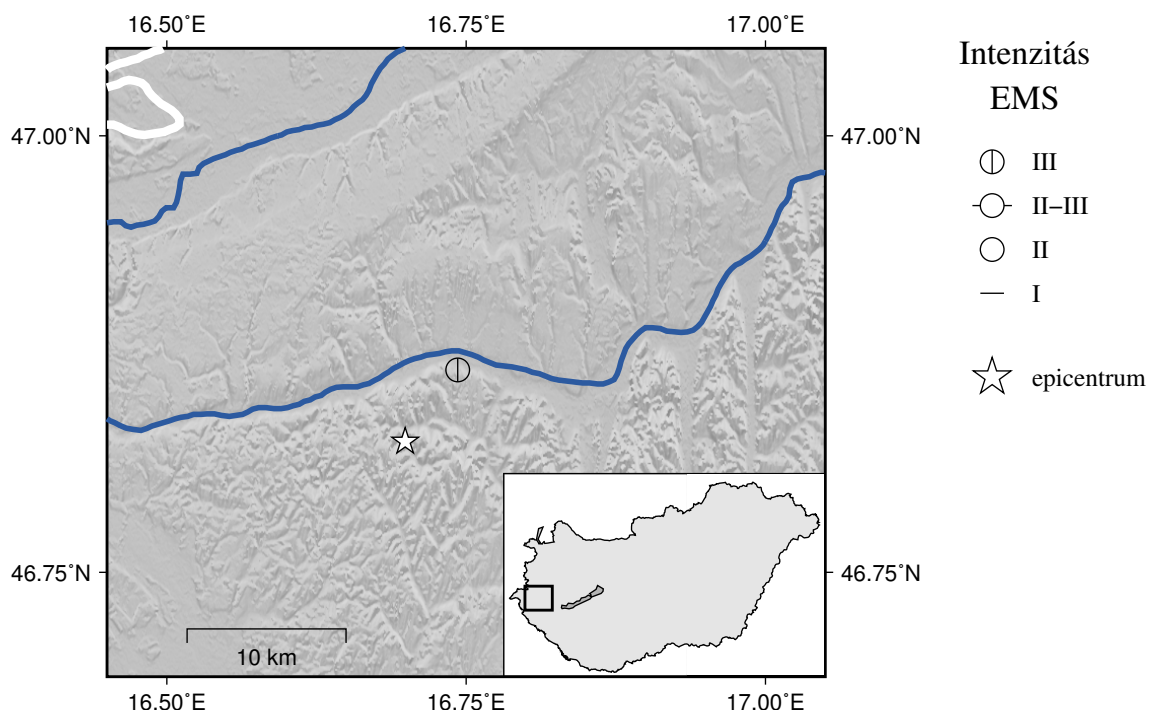
A 2016.11.11 18:26 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás-eloszlás

Helység	$\phi$ (°É)	$\lambda$ (°K)	Intenzitás (EMS)	N
Hegyfalu	47.352	16.892	III	1

3.7. táblázat.

A 2016.11.11 18:26 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás értékek

2016.12.25 10:14 – Németfalu



3.7. ábra.

A 2016.12.25 10:14 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás-eloszlás

Helység	$\phi$ (°É)	$\lambda$ (°K)	Intenzitás (EMS)	N
Boncodfölde	46.866	16.743	III	1

3.8. táblázat.

A 2016.12.25 10:14 UTC időpontban keletkezett földrengéshez tartozó EMS intenzitás értékek

## 4. fejezet

# Fázisadatok

Ebben a fejezetben a 45.5-49.0°É szélességi és a 16.0-23.0°K hosszúsági körök által határolt területen bekövetkezett szeizmikus események fázisadatait közöljük ISF2 formátumban.

A IASPEI Szeizmikus Bulletin Formátum (IASPEI Seismic Bulletin Format - ISF) a parametrikus szeizmológiai adatok (pl. hipocentrumok, magnitúdók, fázisidők, momentum tenzorok) cseréjének a IASPEI nemzetközi szeizmológiai szervezet által jóváhagyott eszköze, amelyet egy 2001-es, a vietnámi Hanoi-ban tartott tudományos konferencián hagyott jóvá a IASPEI Szeizmikus megfigyelési és értelmezési bizottsága. Az ISF alapját a Center of Monitoring Research (USA) által kifejlesztett IMS1.0 formátum képezi, amelyet a 90-es években dolgoztak ki a CTBTO (Comprehensive Test-Ban-Treaty Organization) számára.

Az ISF első verziójának elfogadását követően igény merült fel arra, hogy a formátum a korábbinál többféle adat cseréjét is lehetővé tegye. Ez vezetett az ISF második verziójának (ISF2) kidolgozásához. A változtatások alapvetően az állomások részletesebb jellemzésére adnak lehetőséget, valamint a fázisok és az amplitúdók megadásánál lehetővé válik az adatsatornák megadása is. 2013-tól kezdődően a USGS NEIC bulletinje is az ISF2 formátumot használja és az International Seismological Centre (ISC) is áttér erre a közeljövőben. A teljes ISF2 dokumentáció letölthető az ISC weboldaláról.

A következőkben az ISF2 formátum általunk használt blokkjainak és mezőinek rövid leírását mutatjuk be. Minden blokkot üres sorok választanak el, a megjegyzések zárójelk között jelennek meg.

### Esemény blokk

Pozíció	Formátum	Leírás
1-5	a5	Esemény
7-22	a16	Esemény azonosító
24-88	a65	Földrajzi régió

### Fészekparaméter blokk

Pozíció	Formátum	Leírás
1-10	i4/i2/i2	dátum [éééé/hh/nn]
12-22	i2:i2:f5.2	idő [óó:pp:mm.mm]
23	a1	f=rögzített kipattanási idő, üres=szabad kipattanási idő megoldás
25-29	f5.2	kipattanási idő hiba (üres, ha a kipattanási idő rögzített) [másodperc]
31-35	f5.2	az idő reziduálok négyzetes átlaga [másodperc]
37-44	f8.4	szélesség (negatív, ha déli) [fok]

46-54	f9.4	hosszúság (negatív, ha nyugati) [fok]
55	a1	f=rögzített epicentrum, üres=szabad epicentrum megoldás
56-60	f5.1	a 90%-os hiba ellipszis fél nagytengelye [km]
62-66	f5.1	a 90%-os hiba ellipszis fél kistengelye [km]
68-70	i3	csapásirány (a fél nagytengely azimutja) [fok]
72-76	f5.1	mélység [km]
77	a1	f=rögzített mélység, üres=szabad mélység megoldás
79-82	f4.1	a mélység hibája 90%-os konfidenciaszinten (üres, ha rögzített a mélység) [km]
84-87	i4	a meghatározó fázisok száma
89-92	i4	a meghatározó állomások száma
94-96	i3	azimutális hézag [fok]
98-103	f6.2	távolság a legközelebbi állomástól [fok]
105-110	f6.2	távolság a legtávolabbi állomástól [fok]
112	a1	a feldolgozás típusa: (a=automatikus, m=manuális, üres=ismeretlen)
114	a1	helymeghatározási módszer: (i=inverzió, p=minta felismerés, g=ground truth, o=más, üres=ismeretlen)
116-117	a2	az esemény típusa (uk=ismeretlen) első karakter: k=ismertn, s=feltételezett, f=érezkelt, d=kárt okozó, második karakter: c=meteor, e=földrengés, h=kémiai robbanás, i=indukált esemény, l=földcsuszamlás, m=bányabeli robbantás, n=nukleáris robbantás, r=közet robbanás, x=kísérleti robbantás
119-127	a9	szerző
129-139	a11	eredet azonosító
141-145	a5	jelentéskészítő
147-151	f5.1	mélység-fázisból számított mélység [km]
153-157	f5.1	mélység-fázisból számított mélység hibája [km]
159-161	i3	másodlagos azimutális hézag [fok]

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Magnitúdó blokk

Pozíció	Formátum	Leírás
1-5	a5	magnitúdó típus
7-10	f4.1	magnitúdó érték
12-14	f3.1	magnitúdó hibar
16-19	i4	a meghatározó állomások száma
21-29	a9	szerző
31-41	a11	eredet azonosító

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## Fázis blokk

Pozíció	Formátum	Leírás
1-5	a5	állomás kód
7-12	f6.2	állomás-esemény távolság [fok]
14-18	f5.1	esemény-állomás azimu [fok]
20-27	a8	fázis kód
29-40	i2:i2:f6.3	beérkezési idő [éé:pp:mm.mmm]
42-46	f5.1	beérkezési idő reziduál [másodperc]
48-52	f5.1	megfigyelt azimut [fok]
54-58	f5.1	azimut reziduál [fok]
60-65	f5.1	megfigyelt lassúság [másodperc/fok]
67-72	f5.1	lassúság reziduál [másodperc/fok]
74	a1	idő definiáló indikátor (T or -)
75	a1	azimut definiáló indikátor (A or -)
76	a1	lassúság definiáló indikátor (S or -)
78-82	f5.1	jel/zaj arány
84-92	f9.1	amplitúdó [nanométer]
94-98	f5.2	periódusidő [másodperc]
100	a1	kimérés típusa (a=automatikus, m=manuális)
101	a1	a rövidperiódusú első elmozdulás iránya (c=kompreszió, d=dilatáció, -=nem egyértelmű vagy ismeretlen)
102	a1	a beérkezés hullámformájának jellege/minősége (i=impulzív, e=lassan kialakuló, q=kérdéses, -=ismeretlen)
104-108	a5	magnitúdó típus
110-113	f4.1	magnitúdó érték
115-125	a11	beérkezés azonosító
127-131	a5	ügynökség
133-140	a8	telepítés
142-143	a2	hely
145-149	a5	szerző
151-155	a5	jelentéskészítő
157-159	i3	fázis csatorna
161-163	i3	amplitúdó csatorna
165	a1	a hosszúperiódusú első elmozdulás iránya (c=kompreszió, d=dilatáció, -=nem egyértelmű vagy ismeretlen)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/01/02	04:19:43.51	1.70	0.80	48.6507	21.6029	13.9	9.3	31	14.8F	19.9	7	4	149	0.45	2.38	m	ke BUD	14759869	iLoc			266

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.7	3 BUD	14759869

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MASL	0.45	35.5	Pg	04:19:52.850	0.7					T__						14759871	FDSN	SK	--	BUD	iLoc	EZH	???	_	
MASL	0.45	35.5	Lg	04:19:58.724	-0.8					T__						14759872	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.81	129.5	Pn	04:19:59.502	-0.6					T__	2.3	0.1			MLv	1.8	14759873	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.81	129.5	Lg	04:20:12.354	-0.4					T__						14759874	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 1																									
BMR	1.60	127.0	Pn	04:20:11.382	0.1					T__	1.8	0.1			MLv	2.5	14759875	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BMR	1.60	127.0	Sn	04:20:33.423	0.4					T__						14759876	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.5 1																									
A269A	2.38	246.0	Pn	04:20:21.519	-0.3					T__	2.9	0.1			MLv	2.9	14759877	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
2016/01/04	11:02:56.06	1.22	0.95	48.4613	20.7569	9.8	4.2	172	8.5F	9.3	13	7	122	0.18	1.28	m	ke BUD	14699644	iLoc			171

Magnitude	Err	Nsta	Author	OrigID
M	2.0		5 BUD	14699644

Sta	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	277.0	Pg	11:02:59.758	-0.3					T__						14699646	FDSN	SK	--	BUD	iLoc	EZH	???	_
KECS	0.18	277.0	Lg	11:03:03.734	0.5					T__						14699647	FDSN	SK	--	BUD	iLoc	EHE	???	_
IZAB	0.70	279.2	Pg	11:03:10.866	0.7					T__						14699648	FDSN	SK	--	BUD	iLoc	EHN	???	_
IZAB	0.70	279.2	Lg	11:03:18.895	-1.6					T__						14699649	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.79	227.1	Pn	11:03:12.911	0.2					T__						14699650	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.79	227.1	Sn	11:03:26.153	0.3					T__						14699651	FDSN	GE	--	BUD	iLoc	BHZ	???	_
MASL	0.99	55.6	Pg	11:03:15.027	0.6					T__						14699652	FDSN	SK	--	BUD	iLoc	EZH	???	_
MASL	0.99	55.6	Lg	11:03:28.416	-1.7					T__						14699653	FDSN	SK	--	BUD	iLoc	EHN	???	_
NIE	1.00	343.2	Pn	11:03:16.213	0.6					T__						14699654	FDSN	PL	--	BUD	iLoc	BHZ	???	_
TRPA	1.24	104.9	Pg	11:03:19.831	0.2					T__						14699655	FDSN	HU	--	BUD	iLoc	BHZ	???	_
TRPA	1.24	104.9	Sn	11:03:37.165	0.0					T__						14699656	FDSN	HU	--	BUD	iLoc	BHE	???	_
VYHS	1.28	272.2	Pg	11:03:20.682	-0.6					T__						14699657	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	1.28	272.2	Sn	11:03:38.218	0.5					T__						14699658	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
2016/01/07	00:14:21.82	0.12	0.25	45.9060	21.7835	1.2	0.8	97	10.0A		15		80	0.30	1.18	a	ke BUC	14577118	ISC			360
2016/01/07	00:14:21.37	0.86	0.81	45.9175	21.7620	4.7	2.7	98	8.1F	7.6	32	9	81	0.31	1.17	m	ke BUD	14699659	iLoc			129

Magnitude	Err	Nsta	Author	OrigID
m1	1.5		BUC	14577118
MLv	1.3	0.3	3 BUD	14699659

Sta	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	0.31	196.0	Pg	00:14:27.424	-0.3					T__						14699661	FDSN	RO	--	BUD	iLoc	BHZ	???	_

BZS	0.31	196.0	Lg	00:14:32.077	-0.4	T__	---	14699662	FDSN	RO	--	BUD	iLoc	BHN	???	_
BZS	0.32	198.7	Pb	00:14:28.120	0.2	T__	---	14699663	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.32	198.7	Pb	00:14:28.120	0.2	T__	---	14699664	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.32	198.7	Sg	00:14:32.235	-0.5	T__	---	14699665	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.35	348.8	Pg	00:14:29.128	0.2	T__	---	14699666	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.35	348.8	Lg	00:14:33.835	-0.8	T__	---	14699667	FDSN	RO	--	BUD	iLoc	BHE	???	_
SIRR	0.36	348.5	Pb	00:14:29.253	0.3	T__	---	14699668	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.36	348.5	Pb	00:14:29.253	0.3	T__	---	14699669	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.36	348.5	Sg	00:14:34.216	-0.5	T__	---	14699670	FDSN	IR	--	ISC	iLoc	???	???	_
BANR	0.69	219.6	Lg	00:14:44.773	-0.2	T__	---	14699671	FDSN	RO	--	BUD	iLoc	BHN	???	_
BANR	0.69	219.6	Pg	00:14:35.554	0.7	T__	---	14699672	FDSN	IR	--	ISC	iLoc	???	???	_
BANR	0.69	219.6	Sg	00:14:44.638	-0.3	T__	---	14699674	FDSN	IR	--	ISC	iLoc	???	???	_
DEV	0.80	92.1	Lg	00:14:47.645	-0.7	T__	---	14699675	FDSN	IR	--	ISC	iLoc	???	???	_
AMBH	0.84	301.4	Sn	00:14:49.737	-1.8	T__	---	14699677	FDSN	HU	--	BUD	iLoc	SHE	???	_
AMBH	0.84	301.4	Lg	00:14:50.283	-0.9	T__	---	14699678	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.09	36.6	Pg	00:14:43.429	0.3	T__	---	14699680	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.09	36.6	Sn	00:14:57.818	-0.8	T__	---	14699682	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.09	36.6	Pn	00:14:43.319	1.2	T__	---	14699683	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	1.09	36.6	Lg	00:14:57.673	-2.3	T__	---	14699684	FDSN	RO	--	BUD	iLoc	BHE	???	_
HERR	1.13	155.8	Pg	00:14:43.394	0.2	T__	---	14699685	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.13	155.8	Sn	00:14:58.768	-0.1	T__	---	14699687	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.14	181.8	Pg	00:14:43.529	-0.1	T__	---	14699688	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.14	181.8	Sn	00:14:59.111	-0.1	T__	---	14699690	FDSN	IR	--	ISC	iLoc	???	???	_
BORR	1.17	0.8	Sn	00:15:01.056	1.1	T__	---	14699691	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
2016/01/07	09:19:04.69	1.16	0.46	48.5704	20.7844	12.4	6.0	160	10.0A	9	7	116	0.22	1.30	m	ke	BUD	14699838	iLoc		165	

Magnitude	Err	Nsta	Author	OrigID
MLv	2.1	0.7	3 BUD	14699838

Sta	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	246.4	Pg	09:19:09.141	-0.3					T__	---					14699840	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.22	246.4	Lg	09:19:13.669	0.6					T__	---					14699841	FDSN	SK	--	BUD	iLoc	EHE	???	_
IZAB	0.71	270.3	Lg	09:19:29.188	-0.1					T__	---					14699842	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.88	222.7	Pn	09:19:22.328	-0.1					T__	---					14699843	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.88	222.7	Sn	09:19:37.243	0.7					T__	---					14699844	FDSN	GE	--	BUD	iLoc	BHE	???	_
MASL	0.92	60.7	Pg	09:19:21.978	0.2					T__	---					14699845	FDSN	SK	--	BUD	iLoc	EHZ	???	_
LANS	1.05	304.2	Pn	09:19:24.647	-0.0					T__	---					14699846	FDSN	SK	--	BUD	iLoc	EHZ	???	_
TRPA	1.25	110.0	Sn	09:19:45.491	-0.5					T__	---					14699847	FDSN	HU	--	BUD	iLoc	BHN	???	_
VYHS	1.30	267.3	Lg	09:19:48.323	-0.2					T__	---					14699848	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		
2016/01/12	12:52:12.66	0.67	0.58	47.0324	16.8111	4.8	1.9	114	0.0F	0.0	18	9	0.90	1.64	a	ke	VIE	14581341	ISC			360		
2016/01/12	12:52:10.03	1.38	1.11	47.0227	16.9574	4.1	4.0	54	0.5F	2.5	30	15	71	0.42	1.94	m	ke	BUD	14701992	iLoc			109	

Magnitude	Err	Nsta	Author	OrigID
ml	1.6		VIE	14581341



ML 2.0 0.2 9 BUD 14701992

Sta	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	0.42	69.4	Pg	12:52:18.703	-0.1					T__	1.7	0.2		---	MLv	1.8	14701994	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 1.8 1																										
EGYH	0.47	32.8	Pg	12:52:20.290	0.5					T__	1.9	0.2		---	MLv	2.0	14701995	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
(Station ML : 2.0 1																										
TIH	0.65	100.6	Pg	12:52:23.791	0.6					T__	1.8	0.0		---	MLv	1.4	14701996	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
TIH	0.65	100.6	Lg	12:52:33.221	0.3					T__				---		14701997	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 1.4 1																										
KOGS	0.75	220.5	Pg	12:52:26.475	1.5					T__	0.9	0.3		---	MLv	2.4	14701998	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	0.75	220.5	Lg	12:52:37.585	1.6					T__				---		14701999	FDSN	SL	--	BUD	iLoc	BHZ	???	_		
(Station ML : 2.4 1																										
CSKK	0.95	68.6	Pg	12:52:28.838	-0.2					T__	2.8	0.0		---	MLv	0.6	14702000	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
CSKK	0.95	68.6	Lg	12:52:42.716	-0.4					T__				---		14702001	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 0.6 0																										
KALN	0.96	201.4	Pg	12:52:30.220	0.9					T__				---		14702002	FDSN	IR	--	ISC	iLoc	???	???	_		
KALN	0.96	201.4	Lg	12:52:41.840	-1.8					T__				---		14702003	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.01	283.6	Pn	12:52:30.706	0.3					T__	1.6	0.1		---	MLv	2.0	14702004	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
ARSA	1.01	283.6	Lg	12:52:42.949	-0.9					T__				---		14702005	FDSN	OE	--	BUD	iLoc	BHN	???	_		
ARSA	1.01	283.6	Sg	12:52:42.100	-1.7					T__		0.1		---		14702006	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.01	283.6	Sg	12:52:42.131	-1.7					T__		0.6	0.20	---		14702007	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.0 1																										
A267A	1.05	93.6	Pn	12:52:31.944	1.0					T__	3.1	0.4		---	MLv	2.7	14702008	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.7 0																										
LOBO	1.06	215.6	Pg	12:52:31.150	0.2					T__				---		14702009	FDSN	IR	--	ISC	iLoc	???	???	_		
LOBO	1.06	215.6	Lg	12:52:44.380	-2.2					T__				---		14702010	FDSN	IR	--	ISC	iLoc	???	???	_		
CONA	1.17	321.0	Pn	12:52:33.800	0.8					T__		0.1		---		14702011	FDSN	IR	--	ISC	iLoc	???	???	_		
CONA	1.17	321.0	Pg	12:52:33.909	0.7					T__		0.2	0.08	---		14702012	FDSN	IR	--	ISC	iLoc	???	???	_		
CONA	1.17	321.0	Lg	12:52:50.180	-0.4					T__		2.0	0.26	---		14702013	FDSN	IR	--	ISC	iLoc	???	???	_		
KOVH	1.22	139.4	Pn	12:52:34.300	0.7					T__		0.1		---		14702014	FDSN	IR	--	ISC	iLoc	???	???	_		
KOVH	1.22	139.4	Pg	12:52:34.748	0.2					T__	2.4	0.1		---	MLv	2.3	14702015	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	1.22	139.4	Sn	12:52:51.707	-0.1					T__				---		14702016	FDSN	HU	--	BUD	iLoc	BHN	???	_		
KOVH	1.22	139.4	Lg	12:52:52.400	-0.1					T__		0.1		---		14702017	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.3 1																										
PTJ	1.31	211.9	Pn	12:52:34.150	-1.1					T__				---		14702018	FDSN	IR	--	ISC	iLoc	???	???	_		
SOKA	1.37	256.1	Pg	12:52:36.775	0.6					T__		1.2	0.22	---		14702019	FDSN	IR	--	ISC	iLoc	???	???	_		
SOKA	1.37	256.1	Sn	12:52:55.101	-0.2					T__		0.7	0.16	---		14702020	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.73	253.6	Pg	12:52:44.714	1.7					T__		0.6	0.28	---		14702021	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.73	253.6	Sn	12:53:06.182	1.6					T__		6.3	0.62	---		14702022	FDSN	IR	--	ISC	iLoc	???	???	_		
VYHS	1.94	40.0	Pn	12:52:44.144	0.5					T__	1.8	0.0		---	MLv	1.9	14702023	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
2016/01/14	11:02:03.77	1.42	0.94	48.5427	20.7704	14.4	4.5	154	1.9F	14.0	11	8	164	0.20	1.29	m	ke	BUD	14702072	iLoc		193

Magnitude	Err	Nsta	Author	OrigID
M	1.7	6	BUD	14702072

Sta	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	252.6	Pg	11:02:07.992	0.1					T__				---		14702074	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.20	252.6	Lg	11:02:11.924	0.9					T__				---		14702075	FDSN	SK	--	BUD	iLoc	EHN	???	_

CRVS	0.58	51.6	Pg	11:02:15.062	0.3	T__	---	14702076	FDSN	SK	--	BUD	iLoc	HHZ	???	_
CRVS	0.58	51.6	Lg	11:02:23.371	-0.8	T__	---	14702077	FDSN	SK	--	BUD	iLoc	HHZ	???	_
IZAB	0.70	272.5	Lg	11:02:27.093	-1.0	T__	---	14702078	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.86	223.5	Pg	11:02:21.455	-0.2	T__	---	14702079	FDSN	GE	--	BUD	iLoc	BHZ	???	_
NIE	0.93	341.2	Pn	11:02:24.411	1.3	T__	---	14702080	FDSN	PL	--	BUD	iLoc	BHZ	???	_
MASL	0.94	59.5	Pn	11:02:23.399	0.1	T__	---	14702081	FDSN	SK	--	BUD	iLoc	EHZ	???	_
LANS	1.05	305.7	Pn	11:02:23.688	-1.1	T__	---	14702082	FDSN	SK	--	BUD	iLoc	EHZ	???	_
VYHS	1.29	268.6	Pn	11:02:28.634	0.7	T__	---	14702083	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	1.29	268.6	Sn	11:02:46.723	-0.3	T__	---	14702084	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
2016/01/15	10:01:03.80	1.08	0.59	48.4092	17.2356	5.6	4.5	92	0.0S		17	13	77	0.05	2.39	m	kx	BUD	14702368	iLoc		107

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	13 BUD	14702368

Sta	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	142.7	Pg	10:01:05.306	-0.1					T__	130.8	70.7		---	MLv	3.3	14702370	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.05	142.7	Lg	10:01:07.313	0.5					T__				---		14702371	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 3.3 0																									
ZST	0.23	202.7	Pg	10:01:08.200	-0.7					T__	15.9	12.2		---	MLv	3.0	14702372	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
ZST	0.23	202.7	Lg	10:01:12.230	-0.6					T__				---		14702373	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 3.0 0																									
JAVC	0.53	32.5	Pg	10:01:14.232	-0.6					T__	8.0	0.4		---	MLv	2.4	14702374	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.4 1																									
SOP	0.86	212.3	Pn	10:01:22.297	0.0					T__	2.2	0.1		---	MLv	2.0	14702375	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.86	212.3	Lg	10:01:33.220	-0.2					T__				---		14702376	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 0																									
KRUC	0.86	319.9	Pg	10:01:20.342	0.3					T__	3.6	0.1		---	MLv	2.1	14702377	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 1																									
VRAC	0.99	335.0	Pg	10:01:23.190	0.7					T__	2.6	0.1		---	MLv	2.1	14702378	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 1																									
EGYH	1.00	176.2	Pn	10:01:24.703	0.5					T__	2.2	0.2		---	MLv	2.4	14702379	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.4 1																									
CONA	1.04	242.9	Pg	10:01:23.814	-0.6					T__	2.9	0.1		---	MLv	2.1	14702380	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 1																									
VYHS	1.07	84.8	Pg	10:01:24.289	-0.9					T__	2.6	0.0		---	MLv	1.5	14702381	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.5 0																									
A269A	1.09	134.6	Pg	10:01:26.534	1.0					T__	2.8	0.1		---	MLv	2.2	14702382	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.2 1																									
MPLH	1.26	170.5	Pg	10:01:29.128	0.4					T__	2.0	0.2		---	MLv	2.5	14702383	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.26	170.5	Sn	10:01:46.602	0.4					T__				---		14702384	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.5 1																									
MORC	1.38	8.3	Pn	10:01:29.561	-0.1					T__	2.6	0.1		---	MLv	2.2	14702385	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																									
MORH	2.39	155.9	Pn	10:01:43.256	-0.4					T__	1.7	0.1		---	MLv	3.0	14702386	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

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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2016/01/15 11:03:03.03 1.07 0.70 47.6981 18.5358 5.9 4.8 88 0.0A 13 11 64 0.19 1.58 m ke BUD 14702579 iLoc 101

Magnitude Err Nsta Author OrigID  
M 2.1 5 BUD 14702579

Sta	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	0.19	307.6	Pg	11:03:07.741	0.5					T__						14702581	FDSN	SK	--	BUD	iLoc	EHZ	???	_
CSKK	0.38	209.2	Pg	11:03:11.296	0.2					T__						14702582	FDSN	HU	--	BUD	iLoc	SHZ	???	_
CSKK	0.38	209.2	Lg	11:03:17.263	-0.0					T__						14702583	FDSN	HU	--	BUD	iLoc	SHE	???	_
BUD	0.39	122.8	Lg	11:03:17.543	-0.6					T__						14702584	FDSN	HU	--	BUD	iLoc	BHN	???	_
VYHS	0.82	14.1	Lg	11:03:31.807	-0.0					T__						14702585	FDSN	SK	--	BUD	iLoc	HHE	???	_
MPLH	0.86	232.4	Lg	11:03:33.165	0.0					T__						14702586	FDSN	HU	--	BUD	iLoc	BHE	???	_
EGYH	0.86	251.4	Lg	11:03:33.508	0.1					T__						14702587	FDSN	HU	--	BUD	iLoc	SHE	???	_
PSZ	0.94	76.0	Pn	11:03:23.153	0.4					T__						14702588	FDSN	GE	--	BUD	iLoc	BHZ	???	_
MODS	1.08	309.1	Lg	11:03:40.034	-0.6					T__						14702589	FDSN	SK	--	BUD	iLoc	HHE	???	_
ZST	1.08	297.9	Lg	11:03:39.304	-1.3					T__						14702590	FDSN	SK	--	BUD	iLoc	HHE	???	_
MORH	1.48	177.1	Pn	11:03:30.622	0.6					T__						14702591	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MORH	1.48	177.1	Sn	11:03:49.823	-1.2					T__						14702592	FDSN	HU	--	BUD	iLoc	BHE	???	_
LANS	1.58	22.8	Pn	11:03:32.061	0.4					T__						14702593	FDSN	SK	--	BUD	iLoc	EHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/01/18	12:51:03.75	0.59	0.56	48.2792	18.0053	4.9	2.4	101	0.0F	0.0	9	6	1.47	1.96	a	ke	VIE	14581671	ISC			360
2016/01/18	12:51:03.01	1.24	1.02	48.3126	18.1971	5.4	4.3	166	6.4F	9.9	20	11	92	0.46	2.09	m	ke	BUD	14702594	iLoc		131

Magnitude Err Nsta Author OrigID  
mb 1.6 VIE 14581671  
ml 1.6 VIE 14581671  
M 2.0 5 BUD 14702594

Sta	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	0.46	66.7	Pg	12:51:12.378	-0.0					T__						14702596	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.46	66.7	Lg	12:51:18.664	-0.7					T__						14702597	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.62	276.0	Pg	12:51:15.832	0.4					T__						14702598	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.62	276.0	Lg	12:51:24.017	-0.5					T__						14702599	FDSN	SK	--	BUD	iLoc	HHE	???	_
JAVC	0.65	327.6	Pg	12:51:16.283	0.2					T__						14702600	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	0.65	327.6	Lg	12:51:25.604	0.1					T__						14702601	FDSN	CZ	--	BUD	iLoc	BHE	???	_
ZST	0.74	261.4	Sn	12:51:30.710	-0.5					T__						14702602	FDSN	SK	--	BUD	iLoc	HHN	???	_
IZAB	1.04	75.2	Sn	12:51:37.102	-1.4					T__						14702603	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	1.20	108.5	Pn	12:51:25.907	0.4					T__						14702604	FDSN	GE	--	BUD	iLoc	BHZ	???	_
MPLH	1.23	201.5	Pg	12:51:27.620	0.3					T__						14702605	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MPLH	1.23	201.5	Lg	12:51:44.861	0.7					T__						14702606	FDSN	HU	--	BUD	iLoc	BHE	???	_
VRAC	1.45	313.8	Pn	12:51:29.200	0.4					T__						14702607	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.45	313.8	Sn	12:51:47.700	-0.7					T__						14702608	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.53	343.9	Pg	12:51:32.175	0.5					T__						14702609	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
MORC	1.53	343.9	Pb	12:51:31.900	0.2					T__						14702610	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.61	257.1	Pn	12:51:32.075	0.9					T__						14702611	FDSN	OE	--	BUD	iLoc	BHZ	???	_
CONA	1.61	257.1	Pg	12:51:31.859	-2.9					T__		1.9	0.30			14702612	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.61	257.1	Sn	12:51:52.142	-0.5					T__		1.8	0.30			14702613	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	2.09	240.5	Pn	12:51:37.939	0.3					T__		0.5	0.20			14702614	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	2.09	240.5	Sn	12:52:05.491	1.6					T__		0.4	0.18			14702615	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
2016/01/19	09:45:02.28	1.46	0.51	48.2027	18.8304	8.9	6.2	65	0.5F	4.3	11	6	93	0.29	1.05	m	ke BUD	14702668	iLoc			168

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.9	3 BUD	14702668

Sta	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	0.29	0.7	Pg	09:45:08.558	0.3					T__						14702670	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VVHS	0.29	0.7	Lg	09:45:12.639	-0.1					T__						14702671	FDSN	SK	--	BUD	iLoc	HHN	???	_
IZAB	0.69	57.7	Lg	09:45:25.629	-0.6					T__						14702672	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.77	111.3	Pn	09:45:20.072	0.7					T__						14702673	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.77	111.3	Lg	09:45:30.153	-0.2					T__						14702674	FDSN	GE	--	BUD	iLoc	BHE	???	_
CSKK	0.92	204.8	Lg	09:45:34.019	-0.1					T__						14702675	FDSN	HU	--	BUD	iLoc	SHE	???	_
JAVC	1.01	310.9	Pg	09:45:22.282	-0.1					T__						14702676	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	1.01	310.9	Sn	09:45:38.355	-0.3					T__						14702677	FDSN	CZ	--	BUD	iLoc	BHE	???	_
JAVC	1.01	310.9	Pb	09:45:21.900	-0.5					T__						14702678	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.01	310.9	Lg	09:45:37.600	0.6					T__						14702679	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	1.05	279.9	Lg	09:45:25.176	-13.2					---						14702680	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.05	279.9	Sg	09:45:38.074	-0.3					T__						14702681	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	
2016/01/21	05:37:45.40	0.37		45.7450	17.4160	0.0	0.0		8.0F	6.0	13			0.81	2.09	a	ke RHSSO	14582300	ISC				360
2016/01/21	05:37:43.83	1.19	1.33	45.7474	17.3762	3.8	3.5	123	6.3F	8.2	46	23	122	0.46	2.43	m	ke BUD	14702682	iLoc				128

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		RHSSO	14582300
M	2.0		5 BUD	14702682

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MOSL	0.46	253.1	Pg	05:37:53.710	0.5					T__						14702684	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.46	253.1	Lg	05:37:58.780	-1.4					T__						14702685	FDSN	IR	--	ISC	iLoc	???	???	_
KOVH	0.61	55.7	Pg	05:37:56.491	0.2					T__						14702686	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KOVH	0.61	55.7	Pb	05:38:04.738	8.5					---						14702687	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KALN	0.75	301.2	Pg	05:37:59.490	0.5					T__						14702688	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.75	301.2	Lg	05:38:08.540	-1.7					T__						14702689	FDSN	IR	--	ISC	iLoc	???	???	_
MRAK	0.81	204.7	Pg	05:38:00.600	0.8					T__						14702690	FDSN	IR	--	ISC	iLoc	???	???	_
MRAK	0.81	204.7	Lg	05:38:11.900	0.2					T__						14702691	FDSN	IR	--	ISC	iLoc	???	???	_
PRIJ	0.91	211.3	Pg	05:38:01.800	0.5					T__						14702692	FDSN	IR	--	ISC	iLoc	???	???	_
PRIJ	0.91	211.3	Lg	05:38:14.700	0.5					T__						14702693	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	0.97	188.2	Pg	05:38:05.265	2.5					T__						14702694	FDSN	MN	--	BUD	iLoc	BHZ	???	_
BLY	0.97	188.2	Sn	05:38:19.370	1.2					T__						14702695	FDSN	MN	--	BUD	iLoc	BHE	???	_
PTJ	1.00	279.7	Pn	05:38:04.230	0.3					T__						14702696	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	1.00	279.7	Lg	05:38:15.700	-2.8					T__						14702697	FDSN	IR	--	ISC	iLoc	???	???	_
LOBO	1.00	294.5	Pn	05:38:03.530	-0.2					T__						14702698	FDSN	IR	--	ISC	iLoc	???	???	_
LOBO	1.00	294.5	Lg	05:38:16.510	-1.5					T__						14702699	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.00	61.7	Pn	05:38:03.400	0.0					T__						14702700	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.00	61.7	Lg	05:38:16.000	-2.1					T__						14702701	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.00	61.6	Pg	05:38:03.703	0.0					T__						14702702	FDSN	HU	--	BUD	iLoc	BHZ	???	_

MORH	1.00	61.6	Sg	05:38:16.758	-1.4	T__	---	14702703	FDSN	HU	--	BUD	iLoc	BHN	???	_
BLY	1.01	187.8	Pn	05:38:03.700	-0.1	T__	---	14702704	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.01	187.8	Lg	05:38:17.300	-0.4	T__	---	14702705	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	1.05	312.2	Pn	05:38:05.445	1.1	T__	---	14702706	FDSN	SL	--	BUD	iLoc	BHZ	???	_
KOGS	1.05	312.2	Lg	05:38:19.796	0.2	T__	---	14702707	FDSN	SL	--	BUD	iLoc	BHE	???	_
OZLJ	1.34	265.0	Pn	05:38:09.540	1.2	T__	---	14702708	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	1.34	265.0	Sn	05:38:25.900	-1.6	T__	---	14702709	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	1.35	274.0	Pn	05:38:10.764	2.3	T__	---	14702710	FDSN	SL	--	BUD	iLoc	BHE	???	_
CRES	1.35	274.0	Pg	05:38:10.400	0.5	T__	---	14702711	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	1.35	274.0	Sn	05:38:28.700	1.0	T__	---	14702712	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.35	188.9	Pn	05:38:10.000	1.3	T__	---	14702713	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.35	188.9	Sn	05:38:28.300	0.7	T__	---	14702714	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	1.43	4.5	Pg	05:38:16.300	4.2	T__	---	14702715	FDSN	IR	--	ISC	iLoc	???	???	_
UDBI	1.67	223.7	Pn	05:38:13.950	0.3	T__	---	14702716	FDSN	IR	--	ISC	iLoc	???	???	_
UDBI	1.67	223.7	Sn	05:38:35.440	-0.7	T__	---	14702717	FDSN	IR	--	ISC	iLoc	???	???	_
KIJV	1.87	202.0	Pn	05:38:16.190	-0.3	T__	---	14702718	FDSN	IR	--	ISC	iLoc	???	???	_
KIJV	1.87	202.0	Sn	05:38:40.520	-0.5	T__	---	14702719	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	2.07	270.8	Sn	05:38:46.900	1.7	T__	---	14702720	FDSN	IR	--	ISC	iLoc	???	???	_
NVLJ	2.13	237.1	Pn	05:38:19.300	-0.5	T__	---	14702721	FDSN	IR	--	ISC	iLoc	???	???	_
NVLJ	2.13	237.1	Sn	05:38:46.000	-0.6	T__	---	14702722	FDSN	IR	--	ISC	iLoc	???	???	_
RICI	2.26	184.5	Pn	05:38:22.130	0.1	T__	---	14702723	FDSN	IR	--	ISC	iLoc	???	???	_
RICI	2.26	184.5	Sn	05:38:50.880	0.1	T__	---	14702724	FDSN	IR	--	ISC	iLoc	???	???	_
SMRN	2.38	253.7	Pn	05:38:23.070	-0.0	T__	---	14702725	FDSN	IR	--	ISC	iLoc	???	???	_
SMRN	2.38	253.7	Sn	05:38:51.440	-1.4	T__	---	14702726	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	2.41	224.0	Pn	05:38:24.480	0.3	T__	---	14702727	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	2.41	224.0	Sn	05:38:52.530	-1.9	T__	---	14702728	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	2.43	211.2	Pn	05:38:24.540	-0.0	T__	---	14702729	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	2.43	211.2	Sn	05:38:53.490	-1.5	T__	---	14702730	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
2016/01/22	01:25:00.56	1.23	0.92	45.9417	21.4185	7.8	4.9	75	5.9F	12.8	10	6	111	0.36	1.23	m	ke BUD	14702731	iLoc			188

Magnitude	Err	Nsta	Author	OrigID
M	1.4	5	BUD	14702731

Sta	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	0.36	154.3	Pg	01:25:07.280	-0.5					T__						14702733	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.36	154.3	Lg	01:25:12.370	-0.8					T__						14702734	FDSN	RO	--	BUD	iLoc	BHE	???	_
SIRR	0.37	27.6	Pg	01:25:08.581	0.3					T__						14702735	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.37	27.6	Lg	01:25:14.089	-0.1					T__						14702736	FDSN	RO	--	BUD	iLoc	BHE	???	_
BANR	0.59	199.6	Lg	01:25:21.749	0.8					T__						14702737	FDSN	RO	--	BUD	iLoc	BHE	???	_
AMBH	0.63	310.6	Pg	01:25:13.612	-0.1					T__						14702738	FDSN	HU	--	BUD	iLoc	SHZ	???	_
AMBH	0.63	310.6	Lg	01:25:22.914	-0.8					T__						14702739	FDSN	HU	--	BUD	iLoc	SHN	???	_
GZR	1.10	119.5	Pn	01:25:22.180	0.8					T__						14702740	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	1.23	46.0	Pn	01:25:24.320	0.7					T__						14702741	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	1.23	46.0	Sn	01:25:40.440	-1.2					T__						14702742	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
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2016/01/22 02:13:50.50	0.40	45.9170	21.3880	0.1	0.0	9.0F	2.5	17			0.34	2.78 a	ke BEO	14582379	ISC	360
2016/01/22 02:13:51.27	0.21	0.62 45.9125	21.4455	1.8	1.4 100	3.0A		35	89		0.24	3.10 a	ke BUC	14582382	ISC	360
2016/01/22 02:13:50.71	0.74	1.17 45.9278	21.4041	2.9	2.2 95	9.2F	5.5	81	30 39		0.23	3.12 m	ke BUD	14702743	iLoc	61

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		BEO	14582379
ml	2.4		BUC	14582382
M	2.3	11	BUD	14702743

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
TIM	0.23	213.9	Pg	02:13:55.986	0.3					T__						14702745	FDSN	IR	--	ISC	iLoc	???	???	_
TIM	0.23	213.9	Pg	02:13:55.986	0.3					T__		3.0				14702746	FDSN	IR	--	ISC	iLoc	???	???	_
TIM	0.23	213.9	Lg	02:13:58.910	-0.6					T__		3.0				14702747	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.34	154.4	Pg	02:13:57.500	-0.2					T__						14702748	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.34	154.4	Pg	02:13:57.600	-0.2					T__		0.4				14702749	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.34	154.4	P	02:13:57.861	0.3					T__						14702750	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.34	154.4	Lg	02:14:02.004	-1.0					T__						14702752	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.34	154.4	Sg	02:14:02.700	-0.4					T__						14702753	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.35	151.8	x	02:13:57.183	-99.0					---						14702754	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.35	151.8	Sb	02:14:02.827	-0.4					T__						14702755	FDSN	RO	--	BUD	iLoc	BHE	???	_
SIRR	0.38	28.0	Pg	02:13:58.573	-0.3					T__						14702756	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.38	28.0	Lg	02:14:04.426	-0.6					T__						14702757	FDSN	RO	--	BUD	iLoc	BHN	???	_
SIRR	0.38	27.5	Pb	02:13:58.900	0.1					T__		0.7				14702758	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.38	27.5	P	02:13:59.086	0.8					T__						14702759	FDSN	IR	--	ISC	iLoc	???	???	_
BANR	0.58	199.1	Pg	02:14:02.691	0.6					T__						14702761	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BANR	0.58	199.1	Lg	02:14:10.585	-0.0					T__						14702762	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BANR	0.58	199.2	Sg	02:14:10.445	-0.1					T__						14702763	FDSN	IR	--	ISC	iLoc	???	???	_
AMBH	0.63	312.1	Lg	02:14:13.394	-0.2					T__		0.5				14702764	FDSN	IR	--	ISC	iLoc	???	???	_
AMBH	0.63	312.1	Pg	02:14:03.944	-0.0					T__						14702765	FDSN	HU	--	BUD	iLoc	SHZ	???	_
AMBH	0.63	312.1	Sg	02:14:12.909	-0.7					T__						14702766	FDSN	HU	--	BUD	iLoc	SHE	???	_
DEV	1.04	91.7	Pg	02:14:10.834	0.0					T__						14702767	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DEV	1.04	91.7	Sn	02:14:25.261	-0.2					T__						14702768	FDSN	RO	--	BUD	iLoc	BHN	???	_
DEV	1.05	91.9	Lg	02:14:24.792	-1.0					T__						14702769	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.10	118.6	Pg	02:14:11.843	-0.0					T__						14702770	FDSN	RO	--	BUD	iLoc	BHZ	???	_
GZR	1.10	118.6	Pb	02:14:12.078	0.2					T__						14702771	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.10	118.6	Sn	02:14:26.544	-0.8					T__						14702773	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.10	118.6	Lg	02:14:26.687	-0.8					T__						14702774	FDSN	RO	--	BUD	iLoc	BHE	???	_
MDVR	1.17	169.1	Pn	02:14:12.534	0.4					T__						14702775	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.17	169.1	Sn	02:14:28.230	-0.8					T__						14702777	FDSN	IR	--	ISC	iLoc	???	???	_
BORR	1.19	12.6	Sn	02:14:31.337	1.8					T__						14702778	FDSN	IR	--	ISC	iLoc	???	???	_
BORR	1.19	12.6	Sn	02:14:31.337	1.8					T__		0.2				14702779	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.25	45.9	Pn	02:14:14.200	0.6					T__						14702780	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.25	45.9	Sn	02:14:29.800	-1.8					T__						14702781	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.25	45.9	Lg	02:14:31.446	-3.0					T__		0.1				14702782	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.25	45.9	Pg	02:14:14.324	-1.2					T__						14702783	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	1.25	45.9	Sg	02:14:30.801	-3.7					T__						14702784	FDSN	RO	--	BUD	iLoc	BHN	???	_
HERR	1.27	145.4	Pg	02:14:14.409	-0.5					T__						14702785	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.27	145.4	Pg	02:14:14.409	-0.5					T__		0.1				14702786	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.27	145.4	Sn	02:14:31.495	0.2					T__		0.1				14702787	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	1.36	236.1	Pn	02:14:14.600	-0.0					T__						14702788	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	1.36	236.1	Sn	02:14:33.000	-0.3					T__						14702789	FDSN	IR	--	ISC	iLoc	???	???	_
LTVH	1.50	13.0	Pg	02:14:19.749	-0.7					T__						14702790	FDSN	IR	--	ISC	iLoc	???	???	_
LTVH	1.50	13.0	Pg	02:14:19.749	-0.7					T__		0.1				14702791	FDSN	IR	--	ISC	iLoc	???	???	_

LTVH	1.50	13.0	Sn	02:14:37.827	0.6	T__	---	14702792	FDSN	HU	--	BUD	iLoc	SHE	???	_
BSZH	1.58	330.7	Pn	02:14:20.195	2.3	T__	---	14702793	FDSN	HU	--	BUD	iLoc	HHZ	???	_
BSZH	1.58	330.7	Sn	02:14:39.775	1.0	T__	---	14702794	FDSN	HU	--	BUD	iLoc	HHE	???	_
MESR	1.62	40.5	Pn	02:14:20.675	1.9	T__	---	14702795	FDSN	IR	--	ISC	iLoc	???	???	_
MESR	1.62	40.5	Sn	02:14:41.310	0.6	T__	---	14702797	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.71	61.9	Pn	02:14:21.178	1.0	T__	---	14702798	FDSN	RO	--	BUD	iLoc	BHZ	???	_
CJR	1.71	61.9	Sn	02:14:45.071	1.8	T__	---	14702799	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.73	105.3	Sn	02:14:45.322	1.8	T__	---	14702800	FDSN	IR	--	ISC	iLoc	???	???	_
SRE	1.79	134.2	Lg	02:14:47.882	-1.0	T__	---	14702802	FDSN	IR	--	ISC	iLoc	???	???	_
TRUS	1.85	202.9	Pn	02:14:23.000	1.6	T__	---	14702804	FDSN	IR	--	ISC	iLoc	???	???	_
TRUS	1.85	202.9	Sn	02:14:45.900	1.0	T__	---	14702805	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.94	279.5	Pn	02:14:22.948	0.2	T__	---	14702806	FDSN	HU	--	BUD	iLoc	BHZ	???	_
DIVS	2.09	209.2	Pn	02:14:24.500	-0.5	T__	---	14702807	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.09	209.2	Sn	02:14:50.600	-0.6	T__	---	14702808	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.09	209.2	Pg	02:14:24.860	-5.5	---	---	14702809	FDSN	MN	--	BUD	iLoc	BHZ	???	_
GRUS	2.10	193.7	Pn	02:14:26.300	1.4	T__	---	14702810	FDSN	IR	--	ISC	iLoc	???	???	_
GRUS	2.10	193.7	Sn	02:14:50.800	-0.1	T__	---	14702811	FDSN	IR	--	ISC	iLoc	???	???	_
ZAGS	2.20	164.1	Pn	02:14:26.200	-0.2	T__	---	14702812	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	2.24	333.1	Pn	02:14:27.581	0.1	T__	---	14702813	FDSN	GE	--	BUD	iLoc	BHZ	???	_
KOVH	2.31	275.2	Pg	02:14:34.335	-1.1	T__	---	14702814	FDSN	HU	--	BUD	iLoc	BHZ	???	_
ARR	2.33	102.7	Pn	02:14:31.206	2.3	T__	---	14702815	FDSN	IR	--	ISC	iLoc	???	???	_
ARR	2.33	102.7	Sn	02:14:59.673	0.6	T__	---	14702817	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	2.60	99.6	Pn	02:14:34.367	1.5	T__	---	14702818	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	2.60	99.6	Sn	02:15:07.910	1.9	T__	---	14702820	FDSN	IR	--	ISC	iLoc	???	???	_
DOPR	2.78	87.8	Sn	02:15:11.215	1.1	T__	---	14702821	FDSN	IR	--	ISC	iLoc	???	???	_
ZAPS	2.80	161.3	Pn	02:14:35.900	1.0	T__	---	14702823	FDSN	IR	--	ISC	iLoc	???	???	_
ZAPS	2.80	161.3	Sn	02:15:08.800	-0.2	T__	---	14702824	FDSN	IR	--	ISC	iLoc	???	???	_
BURAR	3.12	55.8	Pn	02:14:41.087	0.7	T__	---	14702825	FDSN	IR	--	ISC	iLoc	???	???	_
BURAR	3.12	55.8	Sn	02:15:19.669	1.2	T__	---	14702827	FDSN	IR	--	ISC	iLoc	???	???	_
BARS	3.12	174.4	Pn	02:14:22.800	-16.5	---	---	14702828	FDSN	IR	--	ISC	iLoc	???	???	_
BARS	3.12	174.4	Sn	02:14:46.900	-29.7	---	---	14702829	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
2016/01/22	06:16:19.70	0.00		47.5600	20.3400				0.0A		9					a	ke PRU	14582529	ISC			360
2016/01/22	06:16:19.63	0.73	1.81	47.6404	20.3207	2.6	2.5	60	7.4F	0.1	64	31	40	0.34	3.78	m	ke BUD	14703351	iLoc			63

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.2	18 BUD	14703351

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BSZH	0.34	186.1	Pg	06:16:28.141	0.9					T__						14703353	FDSN	IR	--	ISC	iLoc	???	???	_	
BSZH	0.34	186.1	Pb	06:16:28.570	1.3					T__	15.9	1.9			MLv	2.5	14703354	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.34	186.1	Lg	06:16:34.119	1.0					T__						14703355	FDSN	IR	--	ISC	iLoc	???	???	_	
BSZH	0.34	186.1	Sg	06:16:34.974	1.8					T__						14703356	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Station ML : 2.5 1																									
PSZ	0.40	314.2	Pg	06:16:29.200	0.8					T__		0.4				14703357	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.40	314.2	Lg	06:16:35.393	0.5					T__						14703358	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.40	314.2	Pb	06:16:29.005	0.6					T__	15.3	0.4			MLv	2.0	14703359	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.40	314.2	Sg	06:16:34.716	-0.2					T__						14703360	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
KECS	0.85	7.4	Pg	06:16:37.900	1.5					T__		2.9				14703361	FDSN	IR	--	ISC	iLoc	???	???	_	

KECS	0.85	7.4	Sn	06:16:50.363	0.1	T__				14703362	FDSN	SK	--	BUD	iLoc	EHN	???	_		
BUD	0.89	260.4	Lg	06:16:50.687	-0.5	T__				14703363	FDSN	HU	--	BUD	iLoc	BHN	???	_		
BUD	0.89	260.4	Sg	06:16:50.900	-0.3	T__				14703364	FDSN	IR	--	ISC	iLoc	???	???	_		
IZAB	1.01	336.5	Pg	06:16:40.900	1.0	T__				14703365	FDSN	IR	--	ISC	iLoc	???	???	_		
IZAB	1.01	336.5	Sn	06:16:54.100	-0.2	T__				14703366	FDSN	IR	--	ISC	iLoc	???	???	_		
LTVH	1.10	102.8	Lg	06:16:59.381	0.3	T__				14703367	FDSN	HU	--	BUD	iLoc	SHN	???	_		
A269A	1.31	270.6	Pg	06:16:44.829	-1.2	T__	7.5	0.4	---	MLv	2.8	14703368	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A269A	1.31	270.6	Lg	06:17:02.290	-2.0	T__			---			14703369	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Station ML : 2.8 0																				
VYHS	1.31	311.2	Pg	06:16:44.700	-1.2	T__		0.0	---			14703370	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	1.31	311.2	Pb	06:16:44.846	-1.0	T__	2.7	0.0	---	MLv	1.5	14703371	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	311.2	Lg	06:17:03.741	-0.7	T__			---			14703372	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.5 0																				
CSKK	1.42	259.5	Pg	06:16:48.451	0.1	T__	9.0	0.0	---	MLv	1.6	14703373	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	1.42	259.5	Pb	06:16:48.600	0.2	T__		0.2	---			14703374	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	1.42	259.5	Sn	06:17:05.405	1.2	T__			---			14703375	FDSN	HU	--	BUD	iLoc	SHE	???	_
CSKK	1.42	259.5	Lg	06:17:05.900	-2.2	T__		0.2	---			14703376	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.6 0																				
A267A	1.43	241.7	Pg	06:16:48.388	-0.2	T__	3.8	0.2	---	MLv	2.6	14703377	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_
A267A	1.43	241.7	Lg	06:17:08.314	0.0	T__			---			14703378	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 2.6 1																				
CRVS	1.47	30.7	Sn	06:17:07.000	0.3	T__		0.0	---			14703379	FDSN	IR	--	ISC	iLoc	???	???	_
CRVS	1.47	30.7	Pg	06:16:47.687	-0.5	T__	4.9	0.0	---	MLv	1.9	14703380	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	1.47	30.7	Lg	06:17:07.332	-3.1	T__			---			14703381	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.9 0																				
TRPA	1.57	71.0	Pg	06:16:50.281	0.1	T__	2.3	0.1	---	MLv	2.3	14703382	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	1.57	71.0	Sn	06:17:10.924	2.1	T__			---			14703383	FDSN	HU	--	BUD	iLoc	BHN	???	_
TRPA	1.57	71.0	Pn	06:16:48.291	1.0	T__			---			14703384	FDSN	IR	--	ISC	iLoc	???	???	_
TRPA	1.57	71.0	Pb	06:16:50.400	0.2	T__		0.1	---			14703385	FDSN	IR	--	ISC	iLoc	???	???	_
TRPA	1.57	71.0	Lg	06:17:11.076	-3.8	T__			---			14703386	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.3 1																				
LANS	1.61	339.7	Pg	06:16:50.100	-1.3	T__		0.1	---			14703387	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	1.61	339.7	Pb	06:16:51.200	-0.2	T__		0.1	---			14703388	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	1.61	339.7	Lg	06:17:12.700	-1.4	T__		0.1	---			14703389	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	1.61	339.7	Sg	06:17:12.900	-1.2	T__		0.1	---			14703390	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	1.65	145.8	Pn	06:16:47.436	-0.6	T__			---			14703391	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	1.65	145.8	Pg	06:16:48.600	-4.3	T__			---			14703392	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	1.78	359.6	Pg	06:16:53.700	-0.3	T__		0.0	---			14703393	FDSN	IR	--	ISC	iLoc	???	???	_
TIH	1.81	246.8	Pg	06:16:54.373	-1.5	T__	8.7	0.5	---	MLv	3.2	14703394	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 3.2 0																				
MORH	1.83	219.5	Pn	06:16:50.605	0.2	T__	4.9	0.2	---	MLv	2.8	14703395	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.83	219.5	Pg	06:16:55.685	-0.7	T__			---			14703396	FDSN	HU	--	BUD	iLoc	BHZ	???	_
(Station ML : 2.8 1																				
DRGR	1.84	116.6	Pg	06:16:54.800	-1.3	T__		0.1	---			14703397	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.84	116.6	Sn	06:17:20.200	5.2	T__		0.1	---			14703398	FDSN	IR	--	ISC	iLoc	???	???	_
EGYH	2.04	264.8	Pn	06:16:56.500	3.0	T__		0.1	---			14703399	FDSN	IR	--	ISC	iLoc	???	???	_
EGYH	2.04	264.8	Sn	06:17:22.300	2.9	T__		0.1	---			14703400	FDSN	IR	--	ISC	iLoc	???	???	_
EGYH	2.04	264.8	Pg	06:16:56.298	-3.8	T__	1.9	0.1	---	MLv	2.6	14703401	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	2.04	264.8	Lg	06:17:21.325	-6.3	T__			---			14703402	FDSN	HU	--	BUD	iLoc	SHE	???	_
(Station ML : 2.6 1																				
JAVC	2.15	305.5	Pn	06:16:57.406	2.1	T__	2.1	0.1	---	MLv	2.6	14703403	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	2.15	305.5	Pg	06:16:56.800	-5.4	T__			---			14703404	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.6 1																				



KOVH	2.18	225.3	Pn	06:16:56.291	0.8	T__	3.4	0.1	---	MLv	2.5	14703405	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	2.18	225.3	Pg	06:17:01.600	-1.4	T__			---			14703406	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.5 1																				
BZS	2.21	155.7	Pn	06:16:55.450	-0.3	T__			---			14703407	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	2.21	155.7	Pg	06:16:57.000	-6.6	---			---			14703408	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	2.21	155.7	Sn	06:17:22.857	-0.4	T__			---			14703409	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	2.22	155.3	Pb	06:16:56.870	-6.8	---	1.7	0.0	---	MLv	2.2	14703410	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																				
FRGS	2.51	188.3	Pn	06:16:57.534	-2.5	T__			---			14703411	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	2.82	142.1	Pn	06:17:03.085	-1.4	T__			---			14703412	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	2.82	142.1	Pg	06:17:05.926	-8.8	---	1.7	0.0	---	MLv	2.6	14703413	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	2.82	142.1	Sn	06:17:38.016	-0.9	T__			---			14703414	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.6 1																				
MORC	2.82	320.3	Pn	06:17:06.100	1.6	T__			---			14703415	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	2.98	300.0	Pn	06:17:07.412	0.9	T__	1.6	0.0	---	MLv	2.8	14703416	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	2.98	300.0	Pg	06:17:07.200	-10.2	---			---			14703417	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.8 1																				
VRAC	2.99	305.3	Pn	06:17:08.000	1.3	T__			---			14703418	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	2.99	305.3	Pg	06:17:08.191	-9.2	---	1.5	0.0	---	MLv	2.8	14703419	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.8 1																				
CONA	3.02	277.1	Pn	06:17:08.965	1.6	T__	1.8	0.1	---	MLv	2.9	14703420	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.9 0																				
BURAR	3.31	88.6	Pn	06:17:11.272	-1.0	T__			---			14703421	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	3.38	317.5	Pn	06:17:14.000	1.8	T__			---			14703422	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	3.78	317.3	Pn	06:17:19.600	1.8	T__			---			14703423	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
2016/01/24	22:18:57.00	0.00		48.6300	20.1800				0.0A		9					a	ke PRU	14582956	ISC			360
2016/01/24	22:18:56.33	0.91	1.27	48.6028	20.1733	4.6	3.4	59	12.1F	11.6	31	18	64	0.24	3.52	m	ke BUD	14703673	iLoc			98

Magnitude	Err	Nsta	Author	OrigID
M	2.2		PRU	14582956
ML	2.3 0.3	8	BUD	14703673

Sta	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	0.24	119.9	Pg	22:19:01.989	0.3				T__							14703675	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
KECS	0.24	119.9	Lg	22:19:06.329	0.6				T__							14703676	FDSN	SK	--	BUD	iLoc	EHE	???	_	
PSZ	0.71	195.3	Pg	22:19:10.132	-1.2				T__	8.1	0.3			---	MLv	2.4	14703677	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.71	195.3	Lg	22:19:20.962	-1.0				T__					---		14703678	FDSN	GE	--	BUD	iLoc	BHE	???	_	
PSZ	0.71	195.3	Pb	22:19:10.315	-1.0				T__					---		14703679	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.71	195.3	Pn	22:19:12.600	1.2				T__					---		14703680	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.71	195.3	Sg	22:19:22.676	0.7				T__					---		14703681	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.4 1																									
LANS	0.72	319.9	Pg	22:19:09.000	-1.6				T__		0.3			---		14703682	FDSN	IR	--	ISC	iLoc	???	???	_	
LANS	0.72	319.9	Pn	22:19:13.600	2.1				T__		0.3			---		14703683	FDSN	IR	--	ISC	iLoc	???	???	_	
LANS	0.72	319.9	Lg	22:19:19.600	-1.3				T__		0.3			---		14703684	FDSN	IR	--	ISC	iLoc	???	???	_	
NIE	0.82	5.8	Pn	22:19:12.900	-0.0				T__					---		14703685	FDSN	IR	--	ISC	iLoc	???	???	_	
NIE	0.82	6.4	Pg	22:19:11.446	-0.4				T__	4.7	0.1			---	MLv	2.0	14703686	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.0 1																									
VYHS	0.90	263.5	Pg	22:19:30.700	16.5				---					---		14703687	FDSN	IR	--	ISC	iLoc	???	???	_	
VYHS	0.90	263.5	Pn	22:19:14.688	0.9				T__	6.6	0.1			---	MLv	1.9	14703688	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

VYHS	0.90	263.5	Lg	22:19:25.851	-1.0	T__								14703689	FDSN	SK	--	BUD	iLoc	HHN ???	_
(Station ML : 1.9 1																					
CRVS	0.90	70.1	Pn	22:19:14.900	0.8	T__				0.0				14703690	FDSN	IR	--	ISC	iLoc	??? ???	_
CRVS	0.90	70.1	Pg	22:19:13.929	0.6	T__	3.6			0.0		MLv	1.5	14703691	FDSN	SK	--	BUD	iLoc	HHE HHZ	_
(Station ML : 1.5 0																					
BSZH	1.31	177.2	Pn	22:19:10.900	-8.6	---				0.2				14703692	FDSN	IR	--	ISC	iLoc	??? ???	_
OJC	1.64	351.5	Pn	22:19:25.515	0.9	T__	2.0			0.1		MLv	2.3	14703693	FDSN	PL	--	BUD	iLoc	BHZ BHZ	_
OJC	1.64	351.5	Pg	22:19:28.000	0.3	T__								14703694	FDSN	IR	--	ISC	iLoc	??? ???	_
OJC	1.64	351.5	Sn	22:19:46.545	-0.9	T__								14703695	FDSN	PL	--	BUD	iLoc	BHE ???	_
(Station ML : 2.3 1																					
TRPA	1.65	105.8	Pn	22:19:24.569	-0.1	T__	1.3			0.1		MLv	2.2	14703696	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.2 1																					
JAVC	1.68	279.7	Pn	22:19:25.900	1.0	T__								14703697	FDSN	IR	--	ISC	iLoc	??? ???	_
LTVH	1.68	135.8	Pg	22:19:29.171	-0.3	T__								14703698	FDSN	IR	--	ISC	iLoc	??? ???	_
OKC	1.81	313.7	Pn	22:19:27.855	1.3	T__								14703699	FDSN	CZ	--	BUD	iLoc	BHZ ???	_
BMR	2.41	111.4	Pg	22:19:42.085	-0.0	T__								14703700	FDSN	IR	--	ISC	iLoc	??? ???	_
A266A	2.45	212.6	Pn	22:19:37.539	2.0	T__	3.2			0.1		MLv	3.0	14703701	FDSN	Z3	00	BUD	iLoc	HHZ HHZ	_
(Station ML : 3.0 0																					
DRGR	2.49	135.6	Pg	22:19:45.314	0.4	T__	1.7			0.0		MLv	2.5	14703702	FDSN	RO	--	BUD	iLoc	BHE BHZ	_
DRGR	2.49	135.6	Pn	22:19:38.276	1.6	T__								14703703	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 2.5 1																					
KRLC	2.66	304.9	Lg	22:20:21.300	0.3	T__								14703704	FDSN	IR	--	ISC	iLoc	??? ???	_
DPC	3.06	306.3	Lg	22:20:34.200	1.3	T__								14703705	FDSN	IR	--	ISC	iLoc	??? ???	_
OSTC	3.23	308.7	Lg	22:20:39.500	1.4	T__								14703706	FDSN	IR	--	ISC	iLoc	??? ???	_
BURAR	3.52	104.4	Pg	22:19:59.652	-3.3	T__								14703707	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
2016/01/24	22:24:27.03	1.22	0.46	48.6173	20.1448	7.0	5.5	74	10.8F	19.1	9	5	112	0.26	0.81	m	ke BUD	14703592	iLoc			185

Magnitude	Err	Nsta	Author	OrigID
M	1.5	4	BUD	14703592

Sta	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	120.5	Pg	22:24:32.890	0.2					T__						14703594	FDSN	SK	--	BUD	iLoc	EHZ ???	_	
IZAB	0.29	260.6	Pg	22:24:33.366	0.1					T__						14703595	FDSN	SK	--	BUD	iLoc	EHN ???	_	
IZAB	0.29	260.6	Lg	22:24:37.871	0.1					T__						14703596	FDSN	SK	--	BUD	iLoc	EHN ???	_	
LANS	0.70	320.3	Pg	22:24:40.837	0.0					T__						14703597	FDSN	SK	--	BUD	iLoc	EHZ ???	_	
LANS	0.70	320.3	Lg	22:24:50.539	-0.3					T__						14703598	FDSN	SK	--	BUD	iLoc	EHN ???	_	
PSZ	0.72	193.5	Pg	22:24:42.004	-0.2					T__						14703599	FDSN	GE	--	BUD	iLoc	BHZ ???	_	
PSZ	0.72	193.5	Lg	22:24:52.531	-0.4					T__						14703600	FDSN	GE	--	BUD	iLoc	BHE ???	_	
NIE	0.81	7.8	Pn	22:24:43.980	0.4					T__						14703601	FDSN	PL	--	BUD	iLoc	BHZ ???	_	
NIE	0.81	7.8	Lg	22:24:53.355	-0.8					T__						14703602	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
2016/01/26	08:36:19.19	1.20	1.90	46.9252	17.4369	6.1	4.9	118	0.0A		10	8	111	0.25	1.09	m	ke BUD	14703746	iLoc			135

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	4 BUD	14703746

Sta	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	15.9	Pg	08:36:24.854	-0.0					T__	7.1	0.7		___	MLv	1.8	14703748	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
				(Station ML : 1.8	1																						
A263A	0.30	196.5	Pg	08:36:24.917	-0.8					T__	8.9	0.7		___	MLv	2.0	14703749	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
				(Station ML : 2.0	1																						
TIH	0.31	94.5	Lg	08:36:33.719	2.6					T__						14703750	FDSN	HU	--	BUD	iLoc	SHN	???	_			
EGYH	0.50	351.7	Lg	08:36:35.819	-1.7					T__						14703751	FDSN	HU	--	BUD	iLoc	SHZ	???	_			
BEHE	0.64	225.2	Pg	08:36:33.725	1.2					T__	1.7	0.2		___	MLv	2.1	14703752	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
BEHE	0.64	225.2	Lg	08:36:43.767	1.3					T__						14703753	FDSN	HU	--	BUD	iLoc	BHN	???	_			
				(Station ML : 2.1	1																						
KOGS	0.95	240.1	Lg	08:36:50.256	-1.5					T__						14703754	FDSN	SL	--	BUD	iLoc	BHN	???	_			
KOVH	0.95	151.1	Lg	08:36:51.678	-1.4					T__						14703755	FDSN	HU	--	BUD	iLoc	BHE	???	_			
MORH	1.09	130.0	Pn	08:36:41.469	0.6					T__	1.5	0.1		___	MLv	2.2	14703756	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
MORH	1.09	130.0	Lg	08:36:54.805	-2.7					T__						14703757	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
2016/01/26	10:22:30.92	1.25	1.11	48.6573	20.6707	11.6	4.5	148	7.1F	13.3	10	7	161	0.21	1.35	m	ke BUD	14703775	iLoc			164

Magnitude	Err	Nsta	Author	OrigID
M	1.8	5	BUD	14703775

Sta	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	215.3	Pg	10:22:35.127	-0.3					T__						14703777	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.21	215.3	Lg	10:22:39.189	0.2					T__						14703778	FDSN	SK	--	BUD	iLoc	EHN	???	_
CRVS	0.58	64.6	Pg	10:22:42.001	0.1					T__						14703779	FDSN	SK	--	BUD	iLoc	HHZ	???	_
CRVS	0.58	64.6	Lg	10:22:49.498	-1.8					T__						14703780	FDSN	SK	--	BUD	iLoc	HHN	???	_
IZAB	0.64	262.4	Lg	10:22:54.591	1.3					T__						14703781	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.90	215.3	Pn	10:22:49.352	0.0					T__						14703782	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.90	215.3	Lg	10:23:02.417	-0.7					T__						14703783	FDSN	GE	--	BUD	iLoc	BHE	???	_
MASL	0.94	67.4	Pn	10:22:50.815	0.8					T__						14703784	FDSN	SK	--	BUD	iLoc	EHZ	???	_
VVHS	1.23	263.0	Pn	10:22:52.995	-0.7					T__						14703785	FDSN	SK	--	BUD	iLoc	HHZ	???	_
TRPA	1.35	112.3	Pg	10:22:57.293	0.6					T__						14703786	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
2016/01/28	09:30:47.75	1.34	1.08	48.5195	20.8032	10.0	4.2	159	4.6F	11.8	15	9	117	0.21	1.31	m	ke BUD	14703787	iLoc			168

Magnitude	Err	Nsta	Author	OrigID
M	1.9	6	BUD	14703787

Sta	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	260.4	Pg	09:30:52.210	0.0					T__						14703789	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.21	260.4	Lg	09:30:56.274	0.7					T__						14703790	FDSN	SK	--	BUD	iLoc	EHT	???	_
CRVS	0.58	48.5	Pg	09:30:59.002	0.3					T__						14703791	FDSN	SK	--	BUD	iLoc	HHZ	???	_
CRVS	0.58	48.5	Lg	09:31:06.991	-1.2					T__						14703792	FDSN	SK	--	BUD	iLoc	HHR	???	_
IZAB	0.73	274.3	Pg	09:31:02.325	0.0					T__						14703793	FDSN	SK	--	BUD	iLoc	EHN	???	_
IZAB	0.73	274.3	Lg	09:31:11.771	-1.1					T__						14703794	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.86	225.6	Pn	09:31:06.536	0.8					T__						14703795	FDSN	GE	--	BUD	iLoc	BHZ	???	_

PSZ	0.86	225.6	Sn	09:31:19.806	-0.1	T__	---	14703796	FDSN	GE	--	BUD	iLoc	BHR	???	_
MASL	0.93	57.6	Pn	09:31:07.789	0.9	T__	---	14703797	FDSN	SK	--	BUD	iLoc	EHZ	???	_
NIE	0.96	340.4	Pn	09:31:09.013	1.8	T__	---	14703798	FDSN	PL	--	BUD	iLoc	BHZ	???	_
LANS	1.09	306.1	Pg	09:31:07.862	-1.2	T__	---	14703799	FDSN	SK	--	BUD	iLoc	EHZ	???	_
TRPA	1.22	107.9	Pn	09:31:11.878	0.9	T__	---	14703800	FDSN	HU	--	BUD	iLoc	BHZ	???	_
TRPA	1.22	107.9	Sn	09:31:28.237	-1.2	T__	---	14703801	FDSN	HU	--	BUD	iLoc	BHT	???	_
VYHS	1.31	269.6	Pg	09:31:13.399	-0.4	T__	---	14703802	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	1.31	269.6	Lg	09:31:31.288	-1.1	T__	---	14703803	FDSN	SK	--	BUD	iLoc	HHT	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/02/02	13:25:07.40	0.60		45.5980	18.2600	0.1	0.0		0.0F	0.0	21			1.11	3.13	a	ke BEO	14583540	ISC			360
2016/02/02	13:25:05.40		2.25	45.6600	18.2400				5.0A			11	2.44	3.66	a	ke CSEM	14583535	ISC				360
2016/02/02	13:25:06.20	0.00		45.7400	18.1400				0.0A		13					a	ke PRU	14583538	ISC			360
2016/02/02	13:25:06.10	0.26		45.5950	18.2200	0.0	0.0		9.8F	1.9	39			0.68	3.47	a	ke RHSSO	14583543	ISC			360
2016/02/02	13:25:04.21	0.94	1.69	45.6177	18.1858	2.2	2.0	84	8.5F	6.4	162	82	39	0.30	4.90	m	ke BUD	14704028	iLoc			45

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		BEO	14583540
m1	3.1		CSEM	14583535
ML	3.0		RHSSO	14583543
ML	3.3	0.3	27 BUD	14704028

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A252A	0.30	232.6	Pg	13:25:10.870	0.3					T__						14704030	FDSN	IR	--	ISC	iLoc	???	???	_	
A252A	0.30	232.6	Lg	13:25:14.970	-0.5					T__						14704031	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	0.47	352.8	Pg	13:25:14.000	-0.0					T__		0.7				14704032	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	0.47	352.8	Pb	13:25:14.144	0.1					T__	8.0	0.7			MLv	2.5	14704033	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.47	352.8	Lg	13:25:20.698	-0.7					T__						14704034	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML	:	2.5	0																						
MORH	0.68	28.0	Pg	13:25:18.080	0.3					T__						14704035	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	0.68	28.0	Lg	13:25:29.000	1.1					T__						14704036	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	0.68	28.0	Pb	13:25:17.947	0.1					T__	30.3	6.3			MLv	3.7	14704037	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.68	28.0	Sg	13:25:26.732	-1.2					T__						14704038	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML	:	3.7	0																						
A264A	0.83	311.2	Pn	13:25:22.047	0.8					T__	8.6	1.7			MLv	3.2	14704039	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.83	311.2	Sn	13:25:34.837	0.3					T__						14704040	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML	:	3.2	1																						
A265A	0.85	341.5	Pn	13:25:22.101	0.7					T__	25.9	3.6			MLv	3.5	14704041	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	3.5	1																						
DOB	0.89	184.0	Pg	13:25:21.600	-0.1					T__						14704042	FDSN	IR	--	ISC	iLoc	???	???	_	
DOB	0.89	184.0	Lg	13:25:34.600	0.6					T__						14704043	FDSN	IR	--	ISC	iLoc	???	???	_	
A266A	0.91	3.4	Pn	13:25:23.127	1.0					T__	21.1	3.5			MLv	3.6	14704044	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.91	3.4	Sn	13:25:37.608	1.4					T__						14704045	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML	:	3.6	1																						
MOSL	1.00	270.3	Pg	13:25:23.770	-0.4					T__						14704046	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	1.00	270.3	Lg	13:25:36.260	-2.1					T__						14704047	FDSN	IR	--	ISC	iLoc	???	???	_	
MRAK	1.09	236.8	Pg	13:25:25.400	-0.3					T__						14704048	FDSN	IR	--	ISC	iLoc	???	???	_	
MRAK	1.09	236.8	Lg	13:25:40.500	-0.3					T__						14704049	FDSN	IR	--	ISC	iLoc	???	???	_	
BLY	1.09	220.9	Pn	13:25:26.434	1.5					T__	12.5	0.9			MLv	3.0	14704050	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.09	220.9	Lg	13:25:42.102	1.8					T__						14704051	FDSN	MN	--	BUD	iLoc	BHE	???	_	
BLY	1.12	219.6	Pg	13:25:26.300	0.2					T__						14704052	FDSN	IR	--	ISC	iLoc	???	???	_	

BLY	1.12	219.6	Pb	13:25:26.600	0.5	T__	0.9	---	---	14704053	FDSN	IR	--	ISC	iLoc	???	???	_		
BLY	1.12	219.6	Pg	13:25:26.900	0.8	---	---	---	---	14704054	FDSN	IR	--	ISC	iLoc	???	???	_		
BLY	1.12	219.6	Sn	13:25:43.100	1.6	T__	---	---	---	14704055	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 3.0 1																				
BLJ	1.13	137.1	Pg	13:25:25.500	-0.3	T__	---	---	---	14704056	FDSN	IR	--	ISC	iLoc	???	???	_		
BLJ	1.13	137.1	Lg	13:25:40.700	-1.0	T__	---	---	---	14704057	FDSN	IR	--	ISC	iLoc	???	???	_		
A263A	1.19	329.7	Pg	13:25:28.927	1.1	T__	10.5	1.3	---	MLv	3.3	14704058	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	1.19	329.7	Lg	13:25:46.121	1.7	T__	---	---	---	14704059	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 3.3 1																				
PRIJ	1.22	238.7	Pn	13:25:27.600	0.8	T__	---	---	---	14704060	FDSN	IR	--	ISC	iLoc	???	???	_		
PRIJ	1.22	238.7	Lg	13:25:45.500	1.1	T__	---	---	---	14704061	FDSN	IR	--	ISC	iLoc	???	???	_		
FRGS	1.23	111.3	Pg	13:25:27.800	0.1	T__	---	---	---	14704062	FDSN	IR	--	ISC	iLoc	???	???	_		
FRGS	1.23	111.3	Pb	13:25:28.100	0.4	T__	---	---	---	14704063	FDSN	IR	--	ISC	iLoc	???	???	_		
FRGS	1.23	111.3	Sn	13:25:44.900	0.8	T__	---	---	---	14704064	FDSN	IR	--	ISC	iLoc	???	???	_		
FRGS	1.23	111.3	Lg	13:25:45.400	-0.2	T__	---	---	---	14704065	FDSN	IR	--	ISC	iLoc	???	???	_		
TIH	1.30	351.1	Pn	13:25:27.300	-0.3	T__	---	3.1	---	14704066	FDSN	IR	--	ISC	iLoc	???	???	_		
TIH	1.30	351.0	Pg	13:25:27.503	-2.3	T__	15.0	2.4	---	MLv	3.6	14704067	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	1.30	351.0	Sn	13:25:43.915	-1.9	T__	---	---	---	14704068	FDSN	HU	--	BUD	iLoc	SHE	???	_		
(Station ML : 3.6 1																				
KALN	1.31	293.6	Pn	13:25:27.930	-0.4	T__	---	---	---	14704069	FDSN	IR	--	ISC	iLoc	???	???	_		
KALN	1.31	293.6	Sn	13:25:44.510	-2.5	T__	---	---	---	14704070	FDSN	IR	--	ISC	iLoc	???	???	_		
A267A	1.34	8.7	Pg	13:25:31.549	0.9	T__	5.6	0.8	---	MLv	3.1	14704071	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	1.34	8.7	Lg	13:25:50.399	1.1	T__	---	---	---	14704072	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 3.1 1																				
TEKS	1.43	137.8	Pg	13:25:31.300	-0.3	T__	---	---	---	14704073	FDSN	IR	--	ISC	iLoc	???	???	_		
TEKS	1.43	137.8	Sn	13:25:50.100	1.3	T__	---	---	---	14704074	FDSN	IR	--	ISC	iLoc	???	???	_		
TEKS	1.43	137.8	Lg	13:25:50.300	-1.0	T__	---	---	---	14704075	FDSN	IR	--	ISC	iLoc	???	???	_		
MGRS	1.43	213.4	Pg	13:25:32.400	0.4	T__	---	---	---	14704076	FDSN	IR	--	ISC	iLoc	???	???	_		
MGRS	1.43	213.4	Sn	13:25:51.500	2.2	T__	---	---	---	14704077	FDSN	IR	--	ISC	iLoc	???	???	_		
A251A	1.44	250.8	Pg	13:25:31.820	-0.1	T__	---	---	---	14704078	FDSN	IR	--	ISC	iLoc	???	???	_		
A251A	1.44	250.8	Sn	13:25:51.240	1.8	T__	---	---	---	14704079	FDSN	IR	--	ISC	iLoc	???	???	_		
A261A	1.52	332.1	Pn	13:25:32.327	1.5	T__	4.8	0.5	---	MLv	3.0	14704080	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.0 1																				
ZAG	1.55	278.5	Pg	13:25:34.500	-0.0	T__	---	---	---	14704081	FDSN	IR	--	ISC	iLoc	???	???	_		
ZAG	1.55	278.5	Sn	13:25:54.600	2.1	T__	---	---	---	14704082	FDSN	IR	--	ISC	iLoc	???	???	_		
PTJ	1.58	281.4	Pg	13:25:36.119	1.1	T__	---	---	---	14704083	FDSN	CR	--	BUD	iLoc	BHZ	???	_		
PTJ	1.58	281.3	Pn	13:25:31.570	-0.5	T__	---	---	---	14704084	FDSN	IR	--	ISC	iLoc	???	???	_		
KOGS	1.58	302.3	Pg	13:25:36.000	0.8	T__	---	2.0	---	14704085	FDSN	IR	--	ISC	iLoc	???	???	_		
KOGS	1.58	302.3	Pn	13:25:32.213	0.4	T__	6.9	1.2	---	MLv	3.5	14704086	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.5 1																				
MPLH	1.62	344.2	Pn	13:25:33.300	1.2	T__	---	0.3	---	14704087	FDSN	IR	--	ISC	iLoc	???	???	_		
MPLH	1.62	344.2	Pg	13:25:33.600	-2.3	T__	4.1	0.6	---	MLv	3.2	14704088	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.2 1																				
A262A	1.70	317.9	Pn	13:25:34.848	1.5	T__	4.0	0.6	---	MLv	3.2	14704089	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.2 1																				
CSKK	1.75	1.7	Pn	13:25:35.140	1.3	T__	3.6	0.2	---	MLv	2.7	14704090	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.7 0																				
GCIS	1.81	278.8	Pn	13:25:35.170	0.2	T__	---	---	---	14704091	FDSN	IR	--	ISC	iLoc	???	???	_		
GOLS	1.83	283.3	Pn	13:25:35.950	0.6	T__	---	---	---	14704092	FDSN	IR	--	ISC	iLoc	???	???	_		
EGYH	1.89	342.2	Pn	13:25:37.776	1.8	T__	2.7	0.3	---	MLv	3.0	14704093	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	1.89	342.2	Pg	13:25:45.100	3.8	T__	---	---	---	14704094	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 3.0 1																				
CRES	1.92	277.2	Pn	13:25:37.097	0.6	T__	5.5	1.3	---	MLv	3.7	14704095	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_

CRES	1.92	277.2	Pg	13:25:38.900	-2.5	T__					14704096	FDSN	IR	--	ISC	iLoc	???	???	_		
CRES	1.92	277.2	Pb	13:25:49.700	8.3	---					14704097	FDSN	IR	--	ISC	iLoc	???	???	_		
CRES	1.92	277.2	Sn	13:26:03.400	1.9	T__					14704098	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 3.7 0																					
A260A	1.96	329.0	Pn	13:25:37.677	0.8	T__	3.4	0.5	---	MLv	3.3	14704099	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 3.3 1																					
BBLs	1.96	153.2	Pn	13:25:39.200	2.3	T__		0.5	---			14704100	FDSN	IR	--	ISC	iLoc	???	???	_	
BBLs	1.96	153.2	Pn	13:25:39.300	2.3	T__			---			14704101	FDSN	IR	--	ISC	iLoc	???	???	_	
BBLs	1.96	153.2	Pg	13:25:41.000	-0.7	T__			---			14704102	FDSN	IR	--	ISC	iLoc	???	???	_	
BBLs	1.96	153.2	x	13:25:48.000	-99.0	---			---			14704103	FDSN	IR	--	ISC	iLoc	???	???	_	
BBLs	1.96	153.2	Sn	13:26:03.100	1.6	T__			---			14704104	FDSN	IR	--	ISC	iLoc	???	???	_	
BBLs	1.96	153.2	Lg	13:26:07.700	0.3	T__			---			14704105	FDSN	IR	--	ISC	iLoc	???	???	_	
PLIT	1.96	248.7	Pn	13:25:39.210	1.9	T__			---			14704106	FDSN	IR	--	ISC	iLoc	???	???	_	
PLIT	1.96	248.7	Sn	13:26:05.320	2.9	T__			---			14704107	FDSN	IR	--	ISC	iLoc	???	???	_	
DIVS	1.99	139.2	Pn	13:25:39.300	1.9	T__			---			14704108	FDSN	IR	--	ISC	iLoc	???	???	_	
DIVS	1.99	139.2	Pg	13:25:42.200	0.1	T__			---			14704109	FDSN	IR	--	ISC	iLoc	???	???	_	
DIVS	1.99	139.2	Sn	13:26:03.500	1.0	T__			---			14704110	FDSN	IR	--	ISC	iLoc	???	???	_	
DIVS	1.99	139.2	Lg	13:26:06.700	-2.0	T__			---			14704111	FDSN	IR	--	ISC	iLoc	???	???	_	
GROS	2.05	295.2	Pn	13:25:38.550	0.2	T__			---			14704112	FDSN	IR	--	ISC	iLoc	???	???	_	
GROS	2.05	295.2	Sn	13:26:02.640	-1.6	T__			---			14704113	FDSN	IR	--	ISC	iLoc	???	???	_	
KIJV	2.05	218.8	Pn	13:25:39.330	0.4	T__			---			14704114	FDSN	IR	--	ISC	iLoc	???	???	_	
TRUS	2.11	130.7	Pg	13:25:43.400	-0.5	T__			---			14704115	FDSN	IR	--	ISC	iLoc	???	???	_	
TRUS	2.11	130.7	Lg	13:26:09.900	-2.0	T__			---			14704116	FDSN	IR	--	ISC	iLoc	???	???	_	
RUDD	2.17	156.7	Pn	13:25:41.500	1.6	T__			---			14704117	FDSN	IR	--	ISC	iLoc	???	???	_	
RUDD	2.17	156.7	Sn	13:26:08.400	1.9	T__			---			14704118	FDSN	IR	--	ISC	iLoc	???	???	_	
SRO	2.20	2.2	Pn	13:25:42.186	2.1	T__	2.5	1.1	---	MLv	3.8	14704119	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
(Station ML : 3.8 0																					
RICI	2.25	199.9	Pn	13:25:42.710	0.8	T__			---			14704120	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	2.35	332.1	Pn	13:25:43.694	1.3	T__			---			14704121	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
PERS	2.36	296.6	Pn	13:25:42.900	0.4	T__			---			14704122	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	2.41	88.8	Pg	13:25:47.700	-2.1	T__			---			14704123	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	2.41	88.8	Pb	13:25:48.368	-1.4	T__			---			14704124	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	2.41	88.8	Pn	13:25:54.600	11.7	---			---			14704125	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	2.41	88.8	Sn	13:26:17.000	4.5	T__			---			14704126	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	2.41	88.8	Lg	13:26:21.378	-2.0	T__			---			14704127	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	2.42	88.7	Pn	13:25:44.407	1.2	T__	2.6	0.1	---	MLv	2.8	14704128	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.8 0																					
SOKA	2.43	296.9	Pn	13:25:43.821	0.2	T__	6.5	4.7	0.20	---		14704129	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	2.43	296.9	Sn	13:26:12.219	-1.1	T__		5.7	0.32	---		14704130	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	2.46	312.5	Pn	13:25:44.333	0.5	T__	1.5	0.1		---	MLv	3.0	14704131	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	2.46	312.5	Pg	13:25:44.851	-6.9	---	8.6	3.4	0.22	---		14704132	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	2.46	312.5	Pb	13:25:45.300	-6.4	---				---		14704133	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.0 0																					
MAKA	2.47	200.1	Pn	13:25:46.390	1.3	T__			---			14704134	FDSN	IR	--	ISC	iLoc	???	???	_	
MAKA	2.47	200.1	Sn	13:26:18.320	2.6	T__			---			14704135	FDSN	IR	--	ISC	iLoc	???	???	_	
IVAS	2.48	144.8	Pn	13:25:47.300	3.1	T__			---			14704136	FDSN	IR	--	ISC	iLoc	???	???	_	
IVAS	2.48	144.8	Sn	13:26:18.800	4.8	T__			---			14704137	FDSN	IR	--	ISC	iLoc	???	???	_	
MORI	2.49	226.1	Pn	13:25:46.070	0.8	T__			---			14704138	FDSN	IR	--	ISC	iLoc	???	???	_	
MORI	2.49	226.1	Sn	13:26:17.370	1.4	T__			---			14704139	FDSN	IR	--	ISC	iLoc	???	???	_	
GRUS	2.50	132.9	Pn	13:25:48.200	3.9	T__			---			14704140	FDSN	IR	--	ISC	iLoc	???	???	_	
GRUS	2.50	132.9	Lg	13:26:20.400	-3.5	T__			---			14704141	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	2.51	73.8	Pg	13:25:56.419	3.6	T__			---			14704142	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
NVLJ	2.57	247.0	Pn	13:25:47.720	1.7	T__			---			14704143	FDSN	IR	--	ISC	iLoc	???	???	_	

NVLJ	2.57	247.0	Sn	13:26:18.770	1.6	T__					14704144	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	2.58	26.4	Pn	13:25:45.691	-0.2	T__	2.1	0.1	---	MLv	3.0	14704145	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	2.58	26.4	Pg	13:25:46.903	-8.7	---			---			14704146	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	2.58	26.4	Pb	13:26:05.000	9.4	---			---			14704147	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	2.58	26.4	Sn	13:26:21.198	3.6	T__			---			14704148	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 3.0 1																				
LJU	2.59	280.8	Sn	13:26:20.600	3.1	T__			---			14704149	FDSN	IR	--	ISC	iLoc	???	???	_
RIY	2.62	264.9	Pn	13:25:48.500	2.1	T__			---			14704150	FDSN	IR	--	ISC	iLoc	???	???	_
RIY	2.62	264.9	Sn	13:26:21.000	2.7	T__			---			14704151	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	2.63	107.3	Pg	13:25:51.792	-2.1	T__			---			14704152	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	2.63	107.3	Lg	13:26:28.012	-1.9	T__			---			14704153	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	2.64	274.0	Pn	13:25:49.700	3.2	T__			---			14704154	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	2.64	274.0	Sn	13:26:22.100	3.2	T__			---			14704155	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	2.67	223.6	Pn	13:25:48.370	0.4	T__			---			14704156	FDSN	IR	--	ISC	iLoc	???	???	_
ZST	2.68	344.3	Pn	13:25:48.098	1.0	T__	1.2	2.6	---	MLv	4.4	14704157	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	2.68	344.3	Pg	13:25:48.400	-8.0	---			---			14704158	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 4.4 0																				
OBKA	2.68	290.7	Pn	13:25:47.964	0.8	T__		0.8	0.12	---		14704159	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	2.68	290.7	Sn	13:26:20.004	0.4	T__		14.9	0.50	---		14704160	FDSN	IR	--	ISC	iLoc	???	???	_
HVAR	2.74	207.6	Pn	13:25:49.500	0.4	T__			---			14704161	FDSN	IR	--	ISC	iLoc	???	???	_
HVAR	2.74	207.6	Sn	13:26:23.680	1.0	T__			---			14704162	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	2.76	235.0	Pn	13:25:49.860	0.8	T__			---			14704163	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	2.76	235.0	Sn	13:26:23.610	0.9	T__			---			14704164	FDSN	IR	--	ISC	iLoc	???	???	_
STON	2.77	187.4	Pn	13:25:50.600	1.5	T__			---			14704165	FDSN	IR	--	ISC	iLoc	???	???	_
STON	2.77	187.4	Pg	13:25:51.010	-6.8	---			---			14704166	FDSN	IR	--	ISC	iLoc	???	???	_
STON	2.77	187.4	Pb	13:25:53.100	-4.7	---			---			14704167	FDSN	IR	--	ISC	iLoc	???	???	_
STON	2.77	187.4	Sn	13:26:23.700	0.8	T__			---			14704168	FDSN	IR	--	ISC	iLoc	???	???	_
STON	2.77	187.4	Lg	13:26:24.870	-9.4	---			---			14704169	FDSN	IR	--	ISC	iLoc	???	???	_
STON	2.77	187.4	Sg	13:26:27.800	-6.5	T__			---			14704170	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	2.81	326.2	Pn	13:25:49.830	0.9	T__	1.4	0.2	---	MLv	3.3	14704171	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	2.81	326.2	Pg	13:25:50.200	-8.7	---			---			14704172	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	2.81	326.2	Sn	13:26:25.019	1.8	T__		3.1	0.24	---		14704173	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 3.3 1																				
MODS	2.83	347.6	Pn	13:25:51.475	2.3	T__	2.7	2.3	---	MLv	4.4	14704174	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 4.4 0																				
SMRN	2.90	259.9	Pn	13:25:51.450	1.0	T__			---			14704175	FDSN	IR	--	ISC	iLoc	???	???	_
SMRN	2.90	259.9	Sn	13:26:25.260	-0.1	T__			---			14704176	FDSN	IR	--	ISC	iLoc	???	???	_
TREB	2.90	177.6	Pn	13:25:52.700	1.8	T__			---			14704177	FDSN	IR	--	ISC	iLoc	???	???	_
TREB	2.90	177.6	Sn	13:26:26.500	0.5	T__			---			14704178	FDSN	IR	--	ISC	iLoc	???	???	_
VVHS	2.91	8.5	Pn	13:25:51.232	1.0	T__	2.0	0.1	---	MLv	2.8	14704179	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.8 0																				
LSTV	3.00	198.5	Pn	13:25:53.180	0.3	T__			---			14704180	FDSN	IR	--	ISC	iLoc	???	???	_
LSTV	3.00	198.5	Sn	13:26:28.770	-1.1	T__			---			14704181	FDSN	IR	--	ISC	iLoc	???	???	_
SELS	3.19	137.7	Pn	13:25:56.700	2.6	T__			---			14704182	FDSN	IR	--	ISC	iLoc	???	???	_
BRJN	3.21	258.8	Pn	13:25:55.850	0.8	T__			---			14704183	FDSN	IR	--	ISC	iLoc	???	???	_
BRJN	3.21	258.8	Sn	13:26:33.920	0.3	T__			---			14704184	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	3.24	92.3	Pg	13:26:12.019	6.9	---			---			14704185	FDSN	RO	--	BUD	iLoc	BHZ	???	_
JAVC	3.26	354.0	Pn	13:25:56.543	1.2	T__	1.7	0.2	---	MLv	3.6	14704186	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.6 1																				
DRGR	3.35	67.9	Pn	13:25:57.019	0.1	T__	1.7	0.1	---	MLv	3.4	14704187	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.4 1																				
MOA	3.50	311.0	Pn	13:25:59.917	1.5	T__	6.1	1.9	0.17	---		14704188	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	3.50	311.0	Sn	13:26:42.140	2.3	T__		3.9	0.30	---		14704189	FDSN	IR	--	ISC	iLoc	???	???	_

DRME	3.51	167.8	Pn	13:26:00.600	1.3	T__									14704190	FDSN	IR	--	ISC	iLoc	???	???	_
DRME	3.51	167.8	Sn	13:26:40.700	-0.3	T__									14704191	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	3.65	341.2	Pn	13:26:01.200	0.7	T__									14704192	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	3.65	341.2	Sn	13:26:42.300	-0.8	T__									14704193	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	3.66	295.3	Pn	13:26:04.252	3.2	T__				0.6	0.25				14704194	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	3.66	295.3	Sn	13:26:44.116	0.0	T__				1.6	0.22				14704195	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	3.85	344.3	Pn	13:26:03.700	0.5	T__									14704196	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	3.85	344.3	Sn	13:26:47.100	-0.6	T__									14704197	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	4.18	354.3	Pn	13:26:08.591	0.6	T__									14704198	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	4.18	354.3	Pg	13:26:09.100	-14.5	---									14704199	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	4.18	354.3	Sn	13:26:55.200	-1.2	T__									14704200	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	4.56	348.5	Pn	13:26:14.500	1.3	T__									14704201	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	4.56	348.5	Sn	13:27:05.500	0.1	T__									14704202	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	4.71	320.0	Pn	13:26:16.500	1.5	T__									14704203	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	4.71	320.0	Sn	13:27:08.300	-1.1	T__									14704204	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	4.90	345.9	Pn	13:26:18.700	0.8	T__									14704205	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	4.90	345.9	Sn	13:27:13.100	-0.7	T__									14704206	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
2016/02/04	05:21:20.29	1.07	0.81	46.1073	16.6854	5.8	4.4	117	4.8F	11.0	19	9	83	0.16	0.98	m	ke BUD	14704382	iLoc			164

Magnitude	Err	Nsta	Author	OrigID
M	2.1	5	BUD	14704382

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KALN	0.16	278.6	Pg	05:21:24.040	-0.0					T__						14704384	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.16	278.6	Lg	05:21:26.300	-0.8					T__						14704385	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.37	9.7	Pg	05:21:28.690	0.7					T__						14704386	FDSN	HU	--	BUD	iLoc	BHZ	???	_
BEHE	0.37	9.7	Lg	05:21:34.849	1.1					T__						14704387	FDSN	HU	--	BUD	iLoc	BHE	???	_
KOGS	0.46	318.6	Pg	05:21:29.871	0.4					T__						14704388	FDSN	SL	--	BUD	iLoc	BHZ	???	_
KOGS	0.46	318.6	Lg	05:21:35.973	-0.2					T__						14704389	FDSN	SL	--	BUD	iLoc	BHE	???	_
MOSL	0.50	174.4	Pg	05:21:31.020	0.6					T__						14704390	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.50	174.4	Lg	05:21:37.660	-0.3					T__						14704391	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	0.54	248.4	Pg	05:21:32.284	1.3					T__						14704392	FDSN	CR	--	BUD	iLoc	BHZ	???	_
PTJ	0.54	248.4	Lg	05:21:39.179	0.1					T__						14704393	FDSN	CR	--	BUD	iLoc	BHN	???	_
PTJ	0.54	248.4	Pb	05:21:31.290	-0.0					T__						14704394	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	0.54	248.4	Sg	05:21:38.670	-1.1					T__						14704395	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.56	240.3	Lg	05:21:40.894	1.0					T__						14704396	FDSN	CR	--	BUD	iLoc	BHN	???	_
CRES	0.90	252.3	Pg	05:21:38.306	0.5					T__						14704397	FDSN	SL	--	BUD	iLoc	BHZ	???	_
CRES	0.90	252.3	Lg	05:21:52.534	1.2					T__						14704398	FDSN	SL	--	BUD	iLoc	BHE	???	_
OZLJ	0.98	240.4	Pg	05:21:40.130	0.9					T__						14704399	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	0.98	240.4	Lg	05:21:53.610	-0.0					T__						14704400	FDSN	IR	--	ISC	iLoc	???	???	_
KOVH	0.98	90.6	Pn	05:21:39.591	-0.4					T__						14704401	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KOVH	0.98	90.6	Sn	05:21:54.798	-0.6					T__						14704402	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	
2016/02/04	12:59:50.18	1.27	0.72	48.3958	18.2556	8.3	4.2	4	11.3F	14.7	12	7	142	0.40	1.46	m	ke BUD	14704403	iLoc				176



Magnitude Err Nsta Author OrigID  
 MLv 2.3 1.3 3 BUD 14704403

Sta	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	0.40	75.5	Pg	12:59:58.478	-0.0					T__						14704405	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.40	75.5	Lg	13:00:05.260	0.7					T__						14704406	FDSN	SK	--	BUD	iLoc	HHE	???	_
JAVC	0.60	320.3	Pg	13:00:02.406	-0.0					T__						14704407	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	0.60	320.3	Lg	13:00:11.029	-0.3					T__						14704408	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MODS	0.65	268.4	Pn	13:00:05.421	1.0					T__						14704409	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.65	268.4	Sn	13:00:14.729	-0.7					T__						14704410	FDSN	SK	--	BUD	iLoc	HHE	???	_
ZST	0.80	255.9	Pg	13:00:05.859	-0.2					T__						14704411	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.80	255.9	Lg	13:00:17.019	-0.1					T__						14704412	FDSN	SK	--	BUD	iLoc	HHN	???	_
IZAB	0.98	79.3	Pg	13:00:09.613	-0.2					T__						14704413	FDSN	SK	--	BUD	iLoc	EHN	???	_
IZAB	0.98	79.3	Sn	13:00:22.813	-0.5					T__						14704414	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	1.20	112.9	Lg	13:00:30.897	-1.0					T__						14704415	FDSN	GE	--	BUD	iLoc	BHE	???	_
MORC	1.46	341.5	Lg	13:00:36.447	-0.8					T__						14704416	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  
 2016/02/05 10:00:56.95 1.01 0.72 48.3330 17.2760 5.9 4.4 114 17.9F 6.1 19 13 73 0.04 1.60 m ke BUD 14704417 iLoc 127

Magnitude Err Nsta Author OrigID  
 ML 2.2 0.1 13 BUD 14704417

Sta	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	1.0	Pg	10:01:00.527	0.0					T__	148.6	99.9		___	MLv	3.4	14704419	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
MODS	0.04	1.0	Lg	10:01:02.221	-0.9					T__				___		14704420	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 3.4 0																										
ZST	0.18	220.3	Pg	10:01:02.071	0.2					T__	4.5	5.6		___	MLv	2.5	14704421	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
ZST	0.18	220.3	Lg	10:01:05.951	0.5					T__				___		14704422	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 2.5 0																										
JAVC	0.59	26.3	Pg	10:01:08.171	-0.9					T__	7.6	0.4		___	MLv	2.5	14704423	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
JAVC	0.59	26.3	Lg	10:01:17.369	-0.4					T__				___		14704424	FDSN	CZ	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.5 1																										
SOP	0.81	216.8	Pn	10:01:12.287	-0.3					T__	2.9	0.1		___	MLv	2.1	14704425	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.1 1																										
EGYH	0.92	177.6	Pn	10:01:14.153	0.0					T__	2.6	0.2		___	MLv	2.4	14704426	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
(Station ML : 2.4 1																										
KRUC	0.93	321.7	Pn	10:01:14.292	0.0					T__	2.8	0.1		___	MLv	2.1	14704427	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
KRUC	0.93	321.7	Lg	10:01:27.725	0.2					T__				___		14704428	FDSN	CZ	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.1 0																										
A268A	1.00	154.0	Pg	10:01:16.644	-0.2					T__	3.8	0.2		___	MLv	2.3	14704429	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.3 1																										
CONA	1.03	247.4	Pg	10:01:17.240	-0.2					T__	1.7	0.1		___	MLv	2.1	14704430	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.1 1																										
VYHS	1.05	80.6	Pg	10:01:17.304	-0.6					T__	1.3	0.0		___	MLv	1.5	14704431	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 1.5 0																										
VRAC	1.08	335.5	Pn	10:01:16.929	0.7					T__	3.8	0.1		___	MLv	2.2	14704432	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
VRAC	1.08	335.5	Sn	10:01:31.391	0.3					T__				___		14704433	FDSN	CZ	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.2 1																										
MORC	1.46	6.8	Pn	10:01:23.029	1.3					T__	1.7	0.1		___	MLv	2.2	14704434	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
MORC	1.46	6.8	Sn	10:01:41.554	0.8					T__				___		14704435	FDSN	CZ	--	BUD	iLoc	BHN	???	_		

```

(Station ML : 2.2 1
TREC 1.52 309.8 Pg 10:01:24.573 -1.2 T__ 2.6 0.1 ___ MLv 2.3 14704436 FDSN CZ -- BUD iLoc BHZ BHZ _
(Station ML : 2.3 1
ARSA 1.60 228.1 Pg 10:01:27.210 -0.8 T__ 2.1 0.1 ___ MLv 2.2 14704437 FDSN OE -- BUD iLoc BHZ BHZ _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2016/02/08 11:24:51.30 1.27 0.55 48.5869 20.7516 9.6 4.4 150 4.7F 12.2 12 7 158 0.21 1.28 m ke BUD 14704491 iLoc 177

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Magnitude Err Nsta Author OrigID
M 1.8 5 BUD 14704491

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Sta 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 0.21 239.7 Pg 11:24:55.443 -0.1 T__ 14704493 FDSN SK -- BUD iLoc EHZ ??? _
KECS 0.21 239.7 Lg 11:24:59.522 0.6 T__ 14704494 FDSN SK -- BUD iLoc EHE ??? _
CRVS 0.57 55.8 Pg 11:25:02.287 0.3 T__ 14704495 FDSN SK -- BUD iLoc HHZ ??? _
CRVS 0.57 55.8 Lg 11:25:10.421 -0.8 T__ 14704496 FDSN SK -- BUD iLoc HHE ??? _
IZAB 0.69 268.9 Pg 11:25:05.686 0.6 T__ 14704497 FDSN SK -- BUD iLoc EHN ??? _
IZAB 0.69 268.9 Lg 11:25:14.823 -0.4 T__ 14704498 FDSN SK -- BUD iLoc EHN ??? _
PSZ 0.88 220.9 Pg 11:25:09.648 -0.1 T__ 14704499 FDSN GE -- BUD iLoc BHZ ??? _
PSZ 0.88 220.9 Lg 11:25:22.366 -0.6 T__ 14704500 FDSN GE -- BUD iLoc BHE ??? _
MASL 0.93 62.2 Pn 11:25:10.664 0.3 T__ 14704501 FDSN SK -- BUD iLoc EHZ ??? _
LANS 1.02 304.1 Pg 11:25:11.128 -0.1 T__ 14704502 FDSN SK -- BUD iLoc EHZ ??? _
VYHS 1.28 266.5 Pg 11:25:16.168 -0.5 T__ 14704503 FDSN SK -- BUD iLoc HHZ ??? _
VYHS 1.28 266.5 Sn 11:25:33.867 0.2 T__ 14704504 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
2016/02/08 12:58:44.90 0.38 45.5230 17.3120 0.1 0.0 5.0A 8 0.58 1.33 a ke RHSSO 14583905 ISC 360
2016/02/08 12:58:42.84 1.29 0.46 45.5487 17.2975 6.8 4.9 138 8.3F 11.3 13 6 131 0.39 1.32 m ke BUD 14704505 iLoc 153

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Magnitude Err Nsta Author OrigID
ML 1.7 RHSSO 14583905

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MOSL 0.39 279.8 Pg 12:58:51.080 0.2 T__ 14704507 FDSN IR -- ISC iLoc ??? ??? _
MOSL 0.39 279.8 Lg 12:58:56.200 -0.8 T__ 14704508 FDSN IR -- ISC iLoc ??? ??? _
MRAK 0.60 207.8 Pg 12:58:55.500 0.5 T__ 14704509 FDSN IR -- ISC iLoc ??? ??? _
MRAK 0.60 207.8 Lg 12:59:03.900 -0.1 T__ 14704510 FDSN IR -- ISC iLoc ??? ??? _
KOVH 0.78 45.8 Pg 12:58:59.061 0.5 T__ 14704511 FDSN HU -- BUD iLoc BHZ ??? _
KOVH 0.78 45.8 Sn 12:59:12.114 0.0 T__ 14704512 FDSN HU -- BUD iLoc BHE ??? _
BLY 0.80 185.8 Pn 12:58:59.300 -0.4 T__ 14704513 FDSN IR -- ISC iLoc ??? ??? _
BLY 0.80 185.8 Lg 12:59:09.800 -0.2 T__ 14704514 FDSN IR -- ISC iLoc ??? ??? _
MORH 1.15 54.2 Lg 12:59:21.500 -0.3 T__ 14704515 FDSN IR -- ISC iLoc ??? ??? _
MORH 1.15 54.2 Pg 12:59:05.898 0.1 T__ 14704516 FDSN HU -- BUD iLoc BHZ ??? _
MORH 1.15 54.2 Sg 12:59:21.953 0.2 T__ 14704517 FDSN HU -- BUD iLoc BHN ??? _
CRES 1.32 282.8 Pg 12:59:08.800 0.4 T__ 14704518 FDSN IR -- ISC iLoc ??? ??? _
CRES 1.32 282.8 Lg 12:59:27.300 0.5 T__ 14704519 FDSN IR -- ISC iLoc ??? ??? _
TIH 1.41 16.7 Sn 12:59:10.812 -16.8 T__ 14704520 FDSN HU -- BUD iLoc SHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/02/09	10:29:46.88	1.21	0.42	48.6230	20.7028	9.4	3.9	151	4.6F	13.9	12	7	152	0.20	1.25	m	ke BUD	14704521	iLoc			160

Magnitude	Err	Nsta	Author	OrigID
M	1.8	5	BUD	14704521

Sta	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	226.0	Pg	10:29:50.893	-0.2					T__						14704523	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.20	226.0	Lg	10:29:54.856	0.5					T__						14704524	FDSN	SK	--	BUD	iLoc	EHZ	???	_
CRVS	0.57	60.6	Pg	10:29:57.998	0.2					T__						14704525	FDSN	SK	--	BUD	iLoc	HHZ	???	_
CRVS	0.57	60.6	Lg	10:30:06.657	-0.4					T__						14704526	FDSN	SK	--	BUD	iLoc	HHN	???	_
IZAB	0.66	265.7	Lg	10:30:10.036	0.3					T__						14704527	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.89	217.8	Pn	10:30:05.038	-0.3					T__						14704528	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.89	217.8	Lg	10:30:18.897	0.1					T__						14704529	FDSN	GE	--	BUD	iLoc	BHN	???	_
MASL	0.94	65.0	Pn	10:30:06.175	0.0					T__						14704530	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	0.94	65.0	Lg	10:30:19.532	0.3					T__						14704531	FDSN	SK	--	BUD	iLoc	EHN	???	_
LANS	0.97	303.4	Pg	10:30:05.683	-0.3					T__						14704532	FDSN	SK	--	BUD	iLoc	EHZ	???	_
VYHS	1.25	264.8	Pg	10:30:11.529	-0.2					T__						14704533	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	1.25	264.8	Lg	10:30:30.113	0.7					T__						14704534	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
2016/02/11	10:07:08.89	4.11	0.18	46.2758	18.2235	45.7	7.6	152	5.0A		4	2	256	0.21	0.30	m	kx BUD	14704619	iLoc			360
2016/02/11	10:07:08.96f		0.23	46.1765	18.2926f				0.0S		4		204	0.16	0.25	a	kx BUD_GT	14759261	BUD			360

(locality : Komló II.)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
M	1.7	5	BUD	14704625

Sta	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	10:07:12.896	0.1					T__						14759511	FDSN	HU	--	BUD	BUD	BHZ	???	_
KOVH	0.16	236.7	Lg	10:07:15.755	-0.2					T__						14759512	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.25	80.7	Pg	10:07:14.705	0.2					T__						14759513	FDSN	HU	--	BUD	BUD	BHZ	???	_
MORH	0.25	80.7	Lg	10:07:18.473	-0.3					T__						14759514	FDSN	HU	--	BUD	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
2016/02/11	10:28:10.71	1.38	1.11	48.5898	20.7323	14.9	4.6	156	1.4F	18.8	11	8	157	0.20	1.26	m	ke BUD	14704625	iLoc			174

Magnitude	Err	Nsta	Author	OrigID
M	1.7	5	BUD	14704625

Sta	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	237.1	Pg	10:28:14.534	-0.2					T__						14704627	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.20	237.1	Lg	10:28:18.290	0.4					T__						14704628	FDSN	SK	--	BUD	iLoc	EHZ	???	_
CRVS	0.58	56.8	Lg	10:28:29.133	-1.8					T__						14704629	FDSN	SK	--	BUD	iLoc	HHE	???	_
IZAB	0.68	268.6	Lg	10:28:33.575	-0.6					T__						14704630	FDSN	SK	--	BUD	iLoc	EHN	???	_
NIE	0.87	341.8	Pn	10:28:30.970	1.6					T__						14704631	FDSN	PL	--	BUD	iLoc	BHZ	???	_

PSZ	0.87	220.1	Pg	10:28:28.945	-0.1				T__					14704632	FDSN	GE	--	BUD	iLoc	BHZ	???	_
MASL	0.94	62.7	Pn	10:28:29.982	-0.3				T__					14704633	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	0.94	62.7	Lg	10:28:42.918	-0.1				T__					14704634	FDSN	SK	--	BUD	iLoc	EHE	???	_
LANS	1.01	304.4	Pn	10:28:30.033	-1.1				T__					14704635	FDSN	SK	--	BUD	iLoc	EHZ	???	_
VVHS	1.26	266.4	Pn	10:28:34.922	0.3				T__					14704636	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VVHS	1.26	266.4	Lg	10:28:53.230	-0.9				T__					14704637	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
2016/02/11	11:12:11.38	1.92	0.76	47.1213	17.9838	6.3	5.0	97	0.5F	3.7	12	6	115	0.23	1.12	m	ke BUD	14704638	iLoc			212

Magnitude	Err	Nsta	Author	OrigID
M	1.8	5	BUD	14704638

Sta	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	195.7	Pg	11:12:16.000	-0.3					T__		1.0				14704640	FDSN	IR	--	ISC	iLoc	???	???	_
TIH	0.23	196.6	Pb	11:12:16.558	0.2					T__						14704641	FDSN	HU	--	BUD	iLoc	SHZ	???	_
TIH	0.23	196.6	Lg	11:12:20.622	0.4					T__						14704642	FDSN	HU	--	BUD	iLoc	SHZ	???	_
CSKK	0.31	37.8	Pg	11:12:18.383	0.5					T__						14704643	FDSN	HU	--	BUD	iLoc	SHZ	???	_
CSKK	0.31	37.8	Lg	11:12:22.598	-0.2					T__						14704644	FDSN	HU	--	BUD	iLoc	SHN	???	_
MPLH	0.31	279.3	Pg	11:12:18.493	0.6					T__						14704645	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MPLH	0.31	279.3	Lg	11:12:23.652	0.9					T__						14704646	FDSN	HU	--	BUD	iLoc	BHE	???	_
MORH	1.01	153.1	Pn	11:12:31.853	0.3					T__						14704647	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MORH	1.01	153.1	Lg	11:12:46.290	-0.2					T__						14704648	FDSN	HU	--	BUD	iLoc	BHE	???	_
KOVH	1.04	175.5	Pg	11:12:32.598	0.4					T__						14704649	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KOVH	1.04	175.5	Lg	11:12:47.064	-0.5					T__						14704650	FDSN	HU	--	BUD	iLoc	BHE	???	_
SOP	1.12	300.7	Pn	11:12:31.700	-1.5					T__		0.1				14704651	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
2016/02/12	03:42:55.46	1.64	0.84	47.4638	19.8337	14.1	5.7	71	6.8F	14.2	8	5	113	0.34	1.49	m	ke BUD	14704652	iLoc			208

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.4	3 BUD	14704652

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
BSZH	0.34	119.0	Pg	03:43:02.966	0.0					T__						14704654	FDSN	HU	--	BUD	iLoc	HHZ	???	_
BSZH	0.34	119.0	Lg	03:43:08.953	0.2					T__						14704655	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.46	5.1	Pg	03:43:05.621	0.3					T__						14704656	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.46	5.1	Lg	03:43:12.828	0.1					T__						14704657	FDSN	GE	--	BUD	iLoc	BHZ	???	_
CSKK	1.07	265.2	Sn	03:43:31.579	0.0					T__						14704658	FDSN	HU	--	BUD	iLoc	SHE	???	_
IZAB	1.11	355.8	Sn	03:43:32.550	0.1					T__						14704659	FDSN	SK	--	BUD	iLoc	EHN	???	_
MORH	1.49	213.6	Pn	03:43:20.688	-0.8					T__						14704660	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MORH	1.49	213.6	Sn	03:43:43.002	1.4					T__						14704661	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
2016/02/12	11:09:28.03	1.13	0.71	48.5405	20.3857	5.5	4.4	22	0.0A		13	7	77	0.09	1.17	m	ke BUD	14705028	iLoc			142

Magnitude Err Nsta Author OrigID  
M 1.8 4 BUD 14705028

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KECS	0.09	130.7	Pg	11:09:29.942	-0.1					T__						14705030	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.09	130.7	Lg	11:09:31.975	0.3					T__						14705031	FDSN	SK	--	BUD	iLoc	EHZ	???	_
IZAB	0.45	273.9	Pg	11:09:37.523	0.4					T__						14705032	FDSN	SK	--	BUD	iLoc	EHN	???	_
IZAB	0.45	273.9	Lg	11:09:44.107	0.4					T__						14705033	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.70	208.0	Pg	11:09:43.296	0.3					T__						14705034	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.70	208.0	Lg	11:09:53.660	-0.4					T__						14705035	FDSN	GE	--	BUD	iLoc	BHN	???	_
LANS	0.86	315.5	Pg	11:09:45.094	0.2					T__						14705036	FDSN	SK	--	BUD	iLoc	EHZ	???	_
LANS	0.86	315.5	Lg	11:09:56.318	-1.3					T__						14705037	FDSN	SK	--	BUD	iLoc	EHN	???	_
NIE	0.88	356.9	Lg	11:09:57.904	0.6					T__						14705038	FDSN	PL	--	BUD	iLoc	BHE	???	_
VYHS	1.03	268.0	Pg	11:09:49.155	0.5					T__						14705039	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	1.03	268.0	Lg	11:10:02.423	-1.3					T__						14705040	FDSN	SK	--	BUD	iLoc	HHN	???	_
MASL	1.17	65.5	Pn	11:09:51.057	0.1					T__						14705041	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	1.17	65.5	Lg	11:10:07.868	-0.6					T__						14705042	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
2016/02/13	07:32:22.78	0.59	0.17	46.2762	16.6230	3.8	2.0	88	8.0F	0.0	12	7	1.17	1.23	a	ke	VIE	14584864	ISC			360
2016/02/13	07:32:22.91	1.09	1.02	46.1739	16.5643	4.1	3.9	163	5.8F	8.0	23	11	72	0.09	1.45	m	ke	BUD	14705043	iLoc		120

Magnitude Err Nsta Author OrigID  
mb 1.9 VIE 14584864  
ml 1.6 VIE 14584864  
M 2.1 4 BUD 14705043

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KALN	0.09	240.5	Pg	07:32:25.790	0.4					T__						14705045	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.09	240.5	Lg	07:32:26.870	-0.5					T__						14705046	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.35	321.7	Pg	07:32:30.929	0.9					T__						14705047	FDSN	SL	--	BUD	iLoc	BHZ	???	_
KOGS	0.35	321.7	Lg	07:32:35.772	0.4					T__						14705048	FDSN	SL	--	BUD	iLoc	BHE	???	_
PTJ	0.49	237.5	Lg	07:32:41.086	0.8					T__						14705049	FDSN	CR	--	BUD	iLoc	BHN	???	_
PTJ	0.49	237.5	Pg	07:32:33.160	0.1					T__						14705050	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	0.49	237.5	Sg	07:32:39.750	-1.2					T__						14705051	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.58	166.6	Pg	07:32:34.820	0.2					T__						14705052	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.58	166.6	Lg	07:32:41.990	-1.3					T__						14705053	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.85	246.1	Pg	07:32:41.049	1.7					T__						14705054	FDSN	SL	--	BUD	iLoc	BHZ	???	_
CRES	0.85	246.1	Lg	07:32:53.713	1.6					T__						14705055	FDSN	SL	--	BUD	iLoc	BHE	???	_
KOVH	1.07	94.0	Pg	07:32:44.705	0.3					T__						14705056	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KOVH	1.07	94.0	Lg	07:32:59.467	-0.2					T__						14705057	FDSN	HU	--	BUD	iLoc	BHN	???	_
SOKA	1.17	296.0	Pn	07:32:45.328	0.2					T__		0.5	0.20			14705058	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.17	296.0	Lg	07:33:01.327	-0.7					T__		1.4	0.24			14705059	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	1.20	33.6	Pg	07:32:47.324	0.7					T__						14705060	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MPLH	1.20	33.6	Lg	07:33:04.396	0.7					T__						14705061	FDSN	HU	--	BUD	iLoc	BHN	???	_
ARSA	1.29	326.7	Sn	07:33:04.208	-0.9					T__						14705062	FDSN	OE	--	BUD	iLoc	BHE	???	_
ARSA	1.29	326.7	Pn	07:32:46.605	-0.1					T__		0.6	0.22			14705063	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.29	326.7	Lg	07:33:03.647	-2.3					T__		1.3	0.25			14705064	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.45	87.6	Lg	07:33:12.559	1.0					T__						14705065	FDSN	HU	--	BUD	iLoc	BHN	???	_
PLIT	1.45	207.4	Pn	07:32:50.080	0.5					T__						14705066	FDSN	IR	--	ISC	iLoc	???	???	_
PLIT	1.45	207.4	Sn	07:33:09.140	-0.6					T__						14705067	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
2016/02/13	21:34:17.20	0.09	0.18	48.7534	19.3138	0.7	0.6	174	0.7F	1.6	20	75	0.41	1.55	a	ke	IPEC	14584898	ISC			360
2016/02/13	21:34:20.60	0.00		48.8900	19.2400				0.0A		11					a	ke	PRU	14584896	ISC		360
2016/02/13	21:34:16.21	0.96	0.83	48.7338	19.3108	4.5	3.5	29	0.7F	0.2	25	10	78	0.31	1.56	m	ke	BUD	14705068	iLoc		122

Magnitude	Err	Nsta	Author	OrigID
ML	1.1		IPEC	14584898
M	1.6	5	BUD	14705068

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
IZAB	0.31	121.6	Pg	21:34:23.458	0.9					T__						14705070	FDSN	SK	--	BUD	iLoc	EHZ	???	_
IZAB	0.31	121.6	Lg	21:34:27.668	0.4					T__						14705071	FDSN	SK	--	BUD	iLoc	EHN	???	_
VYHS	0.40	232.9	Pg	21:34:25.018	0.8					T__						14705072	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.40	232.9	Lg	21:34:29.997	-0.2					T__						14705073	FDSN	SK	--	BUD	iLoc	HHE	???	_
LANS	0.43	13.9	Pg	21:34:25.118	0.4					T__						14705074	FDSN	SK	--	BUD	iLoc	EHZ	???	_
LANS	0.43	13.9	Lg	21:34:30.771	-0.3					T__						14705075	FDSN	SK	--	BUD	iLoc	EHN	???	_
KECS	0.82	107.4	Pg	21:34:32.925	0.6					T__						14705076	FDSN	SK	--	BUD	iLoc	EHN	???	_
KECS	0.82	107.4	Lg	21:34:43.256	-1.3					T__						14705077	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.90	154.3	Pg	21:34:35.034	-0.1					T__						14705078	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.90	154.3	Lg	21:34:47.903	-1.1					T__						14705079	FDSN	GE	--	BUD	iLoc	BHN	???	_
NIE	0.95	43.5	Pn	21:34:36.474	0.4					T__						14705080	FDSN	PL	--	BUD	iLoc	BHZ	???	_
NIE	0.95	43.5	Lg	21:34:47.107	-0.7					T__						14705081	FDSN	PL	--	BUD	iLoc	BHE	???	_
JAVC	1.09	277.2	Pg	21:34:38.400	0.7					T__						14705082	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.09	277.2	Pg	21:34:38.500	0.7					T__						14705083	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.09	277.2	Lg	21:34:51.600	-1.8					T__		1.9	0.38			14705084	FDSN	IR	--	ISC	iLoc	???	???	_
OKC	1.34	325.8	Pg	21:34:42.700	0.9					T__						14705085	FDSN	IR	--	ISC	iLoc	???	???	_
OKC	1.34	325.8	Lg	21:34:59.300	-0.3					T__						14705086	FDSN	IR	--	ISC	iLoc	???	???	_
OKC	1.34	325.8	Sn	21:35:00.987	0.1					T__						14705087	FDSN	CZ	--	BUD	iLoc	BHN	???	_
LOSC	1.55	305.7	Pn	21:34:44.900	0.8					T__						14705088	FDSN	IR	--	ISC	iLoc	???	???	_
LOSC	1.55	305.7	Sn	21:35:05.300	-0.6					T__		1.8	0.44			14705089	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.56	312.7	Lg	21:35:07.068	0.6					T__						14705090	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MORC	1.56	312.7	Pn	21:34:45.300	0.9					T__						14705091	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.56	312.7	Pg	21:34:45.400	-0.4					T__						14705092	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.56	312.7	Sg	21:35:05.600	-0.8					T__		2.0	0.37			14705093	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.56	312.7	Sb	21:35:05.700	-0.7					T__						14705094	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	
2016/02/15	10:30:42.02	1.18	0.68	48.5661	20.7724	12.7	4.6	147	0.0A		9	6	161	0.21	0.92	m	ke	BUD	14706310	iLoc			185

Magnitude	Err	Nsta	Author	OrigID
M	1.6	4	BUD	14706310

Sta	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	246.6	Pg	10:30:46.351	-0.0					T__						14706312	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.21	246.6	Lg	10:30:50.642	0.9					T__						14706313	FDSN	SK	--	BUD	iLoc	EHZ	???	_
CRVS	0.57	53.3	Pg	10:30:53.403	0.5					T__						14706314	FDSN	SK	--	BUD	iLoc	HHZ	???	_
CRVS	0.57	53.3	Lg	10:31:01.460	-0.8					T__						14706315	FDSN	SK	--	BUD	iLoc	HHE	???	_

IZAB	0.70	270.6	Lg	10:31:05.438	-1.0	T__	---	14706316	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.87	222.5	Pg	10:31:00.306	-0.1	T__	---	14706317	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.87	222.5	Lg	10:31:13.860	-0.2	T__	---	14706318	FDSN	GE	--	BUD	iLoc	BHN	???	_
NIE	0.91	340.7	Pn	10:31:01.590	0.2	T__	---	14706319	FDSN	PL	--	BUD	iLoc	BHZ	???	_
MASL	0.92	60.7	Pn	10:31:01.629	-0.0	T__	---	14706320	FDSN	SK	--	BUD	iLoc	EHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/02/16	06:15:18.60		0.30	46.2270	16.5270				9.4A								ke LJU	14586799	ISC			360
2016/02/16	06:15:20.80	0.28		46.2050	16.4590	0.0	0.0		11.2F	2.3	19			0.34	1.81	a	ke RHSSO	14586802	ISC			360
2016/02/16	06:15:17.98	0.57	0.44	46.2831	16.5917	3.6	1.8	96	6.0F	0.0	23		5	1.14	1.43	a	ke VIE	14586795	ISC			360
2016/02/16	06:15:18.71	0.83	0.98	46.2210	16.5198	3.2	2.6	150	7.6F	5.8	58	30	65	0.10	2.22	m	ke BUD	14706321	iLoc			72

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		LJU	14586799
ML	2.1		RHSSO	14586802
mb	1.8		VIE	14586795
ml	2.3		VIE	14586795
M	2.5	6	BUD	14706321

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KALN	0.10	206.4	Pg	06:15:21.410	-0.1					T__						14706323	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.29	320.7	Lg	06:15:28.890	-0.5					T__						14706324	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.29	320.7	x	06:15:29.520	-99.0					---	114.0	0.15				14706325	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.29	320.7	Pg	06:15:24.528	-0.3					T__						14706326	FDSN	SL	--	BUD	iLoc	BHZ	???	_
KOGS	0.29	320.7	Sg	06:15:28.664	-0.7					T__						14706327	FDSN	SL	--	BUD	iLoc	BHE	???	_
BEHE	0.31	35.3	Pg	06:15:26.700	1.5					T__						14706328	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.31	35.3	Lg	06:15:34.100	3.9					T__						14706329	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.31	35.3	Pb	06:15:24.848	-0.4					T__						14706330	FDSN	HU	--	BUD	iLoc	BHZ	???	_
BEHE	0.31	35.3	Sg	06:15:28.809	-1.4					T__						14706331	FDSN	HU	--	BUD	iLoc	BHN	???	_
LOBO	0.32	258.3	Pg	06:15:24.300	-1.1					T__						14706332	FDSN	IR	--	ISC	iLoc	???	???	_
LOBO	0.32	258.3	Lg	06:15:30.200	-0.2					T__						14706333	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	0.50	230.9	Pg	06:15:28.839	0.2					T__						14706334	FDSN	CR	--	BUD	iLoc	BHZ	???	_
PTJ	0.50	230.9	Pb	06:15:28.180	-0.8					T__						14706335	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	0.50	230.9	Lg	06:15:35.860	-1.0					T__						14706336	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.54	223.5	Pg	06:15:30.200	0.7					T__						14706337	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.54	223.5	Lg	06:15:38.200	0.5					T__						14706338	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.63	164.8	Pg	06:15:31.150	-0.3					T__						14706339	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.63	164.8	Lg	06:15:39.470	-1.4					T__						14706340	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.72	240.7	Pg	06:15:33.010	0.3					T__						14706341	FDSN	IR	--	ISC	iLoc	???	???	_
DOBS	0.73	264.8	Pg	06:15:33.090	0.1					T__						14706342	FDSN	IR	--	ISC	iLoc	???	???	_
CESS	0.78	251.8	Pg	06:15:34.130	0.3					T__						14706343	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.84	242.3	Pg	06:15:35.372	0.3					T__						14706344	FDSN	SL	--	BUD	iLoc	BHZ	???	_
CRES	0.84	242.3	Lg	06:15:47.151	-0.3					T__						14706345	FDSN	SL	--	BUD	iLoc	BHR	???	_
CRES	0.84	242.3	Sg	06:15:47.000	-0.5					T__						14706346	FDSN	IR	--	ISC	iLoc	???	???	_
LEGS	0.88	252.4	Pg	06:15:35.850	0.1					T__						14706347	FDSN	IR	--	ISC	iLoc	???	???	_
LEGS	0.88	252.4	Lg	06:15:49.230	0.6					T__						14706348	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	0.95	230.9	Pn	06:15:37.220	-0.4					T__						14706349	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	0.95	230.9	Lg	06:15:50.960	0.2					T__						14706350	FDSN	IR	--	ISC	iLoc	???	???	_
PERS	1.06	293.7	Pn	06:15:39.300	0.3					T__						14706351	FDSN	IR	--	ISC	iLoc	???	???	_
PERS	1.06	293.7	Sn	06:15:54.670	-0.1					T__						14706352	FDSN	IR	--	ISC	iLoc	???	???	_
PERS	1.06	293.7	x	06:16:00.210	-99.0					---	26.9	0.24				14706353	FDSN	IR	--	ISC	iLoc	???	???	_

KOVH	1.11	96.3	Sn	06:15:54.097	-2.1	T__									14706354	FDSN	HU	--	BUD	iLoc	BHN	???	_
SOKA	1.13	294.5	Pn	06:15:39.938	-0.1	T__									14706355	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.13	294.5	Lg	06:15:55.884	-0.2	T__							2.2 0.20	---	14706356	FDSN	IR	--	ISC	iLoc	???	???	_
TIH	1.16	53.8	Pn	06:15:40.556	0.0	T__							6.0 0.24	---	14706357	FDSN	HU	--	BUD	iLoc	SHZ	???	_
TIH	1.16	53.8	Lg	06:15:57.397	-0.7	T__								---	14706358	FDSN	HU	--	BUD	iLoc	SHT	???	_
ARSA	1.24	326.7	Pn	06:15:41.578	0.1	T__								---	14706359	FDSN	OE	--	BUD	iLoc	BHZ	???	_
ARSA	1.24	326.7	Sn	06:15:58.456	-0.6	T__								---	14706360	FDSN	OE	--	BUD	iLoc	BHR	???	_
MRAK	1.24	167.4	Pn	06:15:43.000	1.0	T__								---	14706361	FDSN	IR	--	ISC	iLoc	???	???	_
MRAK	1.24	167.4	Sn	06:15:59.700	-0.3	T__								---	14706362	FDSN	IR	--	ISC	iLoc	???	???	_
EGYH	1.32	24.7	Lg	06:16:01.331	-1.8	T__								---	14706363	FDSN	HU	--	BUD	iLoc	SHT	???	_
OBKA	1.39	282.6	Pg	06:15:45.977	0.7	T__								---	14706364	FDSN	OE	--	BUD	iLoc	BHZ	???	_
OBKA	1.39	282.6	Lg	06:16:04.822	0.2	T__								---	14706365	FDSN	OE	--	BUD	iLoc	BHT	???	_
OBKA	1.39	282.6	Pb	06:15:45.674	0.4	T__							1.6 0.30	---	14706366	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.39	282.6	Sg	06:16:04.444	-0.2	T__							12.3 0.40	---	14706367	FDSN	IR	--	ISC	iLoc	???	???	_
LJU	1.40	263.4	Pn	06:15:44.800	1.0	T__								---	14706368	FDSN	IR	--	ISC	iLoc	???	???	_
LJU	1.40	263.4	Sn	06:16:03.100	-0.5	T__								---	14706369	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.47	89.5	Pg	06:15:47.900	0.1	T__								---	14706370	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.47	89.5	Lg	06:16:08.000	-0.2	T__								---	14706371	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.51	161.8	Pg	06:15:47.663	-0.4	T__								---	14706372	FDSN	MN	--	BUD	iLoc	BHZ	???	_
CEY	1.54	252.5	Pg	06:15:47.600	-0.3	T__								---	14706373	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	1.54	252.5	Sn	06:16:08.100	0.9	T__								---	14706374	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.54	162.2	Pn	06:15:47.400	1.3	T__								---	14706375	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.54	162.2	Sn	06:16:08.400	1.5	T__								---	14706376	FDSN	IR	--	ISC	iLoc	???	???	_
RIY	1.68	238.6	Pn	06:15:49.600	1.6	T__								---	14706377	FDSN	IR	--	ISC	iLoc	???	???	_
SKDS	1.88	249.8	Pn	06:15:51.900	1.2	T__								---	14706378	FDSN	IR	--	ISC	iLoc	???	???	_
SKDS	1.88	249.8	Sn	06:16:15.200	-0.2	T__								---	14706379	FDSN	IR	--	ISC	iLoc	???	???	_
NVLJ	2.02	215.6	Pn	06:15:53.730	0.7	T__								---	14706380	FDSN	IR	--	ISC	iLoc	???	???	_
NVLJ	2.02	215.6	Sn	06:16:20.200	1.6	T__								---	14706381	FDSN	IR	--	ISC	iLoc	???	???	_
KIJV	2.22	182.1	Pn	06:15:56.810	0.8	T__								---	14706382	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
2016/02/17	11:57:15.86	1.14	0.75	47.8805	19.1737	6.5	5.8	143	0.0S		8	5	109	0.41	1.33	m	kx BUD	14706446	iLoc			214

Magnitude	Err	Nsta	Author	OrigID
M	1.8	4	BUD	14706446

Sta	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	0.41	194.4	Pg	11:57:25.531	0.8					T__						14706448	FDSN	HU	--	BUD	iLoc	BHZ	???	_
PSZ	0.49	85.3	Pg	11:57:26.652	0.2					T__						14706449	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.49	85.3	Lg	11:57:34.231	-0.3					T__						14706450	FDSN	GE	--	BUD	iLoc	BHN	???	_
VYHS	0.65	339.9	Pg	11:57:29.868	0.8					T__						14706451	FDSN	SK	--	BUD	iLoc	HHN	???	_
VYHS	0.65	339.9	Lg	11:57:38.326	-0.6					T__						14706452	FDSN	SK	--	BUD	iLoc	HHE	???	_
MPLH	1.32	237.9	Pn	11:57:40.493	-0.1					T__						14706453	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MPLH	1.32	237.9	Lg	11:58:00.268	-1.0					T__						14706454	FDSN	HU	--	BUD	iLoc	BHE	???	_
EGYH	1.33	250.2	Sn	11:57:59.908	-0.2					T__						14706455	FDSN	HU	--	BUD	iLoc	SHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/02/17	12:41:08.88	1.23	0.74	45.6046	17.2578	9.6	6.6	151	0.0A		7	5	126	0.76	1.28	m	ke BUD	14706456	iLoc				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
KOVH	0.76	50.3	Pg	12:41:24.646	0.0					T__						14706458	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KOVH	0.76	50.3	Lg	12:41:36.396	-0.2					T__						14706459	FDSN	HU	--	BUD	iLoc	BHZ	???	_
BLY	0.82	183.8	Lg	12:41:36.334	-0.4					T__						14706460	FDSN	MN	--	BUD	iLoc	BHZ	???	_
ZAG	0.92	284.5	Lg	12:41:40.424	-0.5					T__						14706461	FDSN	CR	--	BUD	iLoc	BHZ	???	_
MORH	1.14	57.2	Pn	12:41:31.952	0.5					T__						14706462	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MORH	1.14	57.2	Lg	12:41:47.727	-1.2					T__						14706463	FDSN	HU	--	BUD	iLoc	BHN	???	_
CRES	1.28	280.6	Sn	12:41:53.277	0.2					T__						14706464	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
2016/02/17	13:14:56.44	1.53	0.91	48.5615	20.7200	8.5	6.2	5	8.9F	9.3	13	7	162	0.17	1.90	m	ke BUD	14706465	iLoc			274

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	5 BUD	14706465

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.17	243.4	Pg	13:14:59.949	-0.4					T__	23.7	1.8			MLv	2.0	14706467	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.17	243.4	Lg	13:15:04.044	0.6					T__						14706468	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Station ML : 2.0 1																					
IZAB	0.67	271.0	Lg	13:15:19.100	-0.7					T__						14706469	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.85	220.9	Sn	13:15:27.900	0.3					T__		0.1				14706470	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.85	220.9	Pg	13:15:14.046	0.1					T__	1.9	0.1			MLv	2.1	14706471	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.85	220.9	Lg	13:15:26.570	-0.2					T__						14706472	FDSN	GE	--	BUD	iLoc	BHE	???	_	
				(Station ML : 2.1 1																					
LANS	1.02	306.0	Pn	13:15:15.800	-0.3					T__		0.1				14706473	FDSN	IR	--	ISC	iLoc	???	???	_	
LANS	1.02	306.0	Lg	13:15:30.400	-0.5					T__		0.1				14706474	FDSN	IR	--	ISC	iLoc	???	???	_	
VYHS	1.25	267.6	Pn	13:15:20.547	1.2					T__	1.8	0.0			MLv	1.7	14706475	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.25	267.6	Sn	13:15:38.257	0.8					T__						14706476	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Station ML : 1.7 0																					
TRPA	1.29	108.9	Pg	13:15:21.913	0.9					T__	1.4	0.2			MLv	2.5	14706477	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.29	108.9	Sn	13:15:37.334	-1.5					T__						14706478	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
				(Station ML : 2.5 1																					
A271A	1.90	222.8	Pn	13:15:27.566	-0.7					T__	1.9	0.3			MLv	3.0	14706479	FDSN	Z3	--	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
2016/02/18	09:21:20.38	1.31	0.30	48.5959	20.7358	12.4	5.8	152	6.5F	11.6	9	5	157	0.20	1.27	m	ke BUD	14706504	iLoc			311

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.0	2 BUD	14706504

Sta	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	236.0	Pg	09:21:24.444	-0.2					T__						14706506	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.20	236.0	Lg	09:21:28.107	0.2					T__						14706507	FDSN	SK	--	BUD	iLoc	EHE	???	_
IZAB	0.68	268.1	Pg	09:21:34.203	0.2					T__						14706508	FDSN	SK	--	BUD	iLoc	EHN	???	_
IZAB	0.68	268.1	Lg	09:21:43.873	-0.1					T__						14706509	FDSN	SK	--	BUD	iLoc	EHN	???	_

PSZ	0.88	220.0	Pg	09:21:38.892	0.1					T__					14706510	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.88	220.0	Lg	09:21:51.891	-0.1					T__					14706511	FDSN	GE	--	BUD	iLoc	BHE	???	_
MASL	0.93	63.0	Pn	09:21:39.619	0.3					T__					14706512	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	0.93	63.0	Lg	09:21:52.228	-0.3					T__					14706513	FDSN	SK	--	BUD	iLoc	EHN	???	_
VYHS	1.27	266.1	Sn	09:22:01.804	-0.4					T__					14706514	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
2016/02/18	12:45:57.56	1.30	0.65	48.1231	19.0751	5.8	5.3	48	5.7F	11.9	12	6	106	0.40	1.23	m	ke BUD	14706515	iLoc			172

Magnitude	Err	Nsta	Author	OrigID
M	3.3	5	BUD	14706515

Sta	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	0.40	336.8	Pg	12:46:06.035	0.2					T__						14706517	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.40	336.8	Lg	12:46:10.579	-1.3					T__						14706518	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	0.59	110.1	Pg	12:46:09.858	-0.2					T__						14706519	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.59	110.1	Lg	12:46:18.881	-0.4					T__						14706520	FDSN	GE	--	BUD	iLoc	BHZ	???	_
IZAB	0.62	43.4	Pg	12:46:10.612	0.7					T__						14706521	FDSN	SK	--	BUD	iLoc	EHZ	???	_
IZAB	0.62	43.4	Lg	12:46:19.376	0.4					T__						14706522	FDSN	SK	--	BUD	iLoc	EHN	???	_
CSKK	0.94	216.2	Pg	12:46:16.641	0.5					T__						14706523	FDSN	HU	--	BUD	iLoc	SHZ	???	_
CSKK	0.94	216.2	Lg	12:46:29.560	-0.4					T__						14706524	FDSN	HU	--	BUD	iLoc	SHN	???	_
JAVC	1.19	308.8	Pn	12:46:20.017	0.1					T__						14706525	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	1.19	308.8	Sn	12:46:36.700	-0.4					T__						14706526	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
MODS	1.23	282.4	Pg	12:46:22.354	0.5					T__						14706527	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.23	282.4	Sn	12:46:37.999	0.2					T__						14706528	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
2016/02/19	09:26:09.00f	99.99	0.61	46.1582	18.2999	46.5	5.3	159	0.0A		4	2	192	0.16	0.25	m	kx BUD	14706529	iLoc			360
2016/02/19	09:26:07.78f		0.15	46.1765	18.2926f				0.0S		4		204	0.16	0.25	a	kx BUD_GT	14759263	BUD			360
(locality : Komló II.)																						
(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
KOVH	0.16	236.7	Pg	09:26:11.696	0.1					T__						14759517	FDSN	HU	--	BUD	BUD	BHZ	???	_
KOVH	0.16	236.7	Lg	09:26:14.570	-0.2					T__						14759518	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.25	80.7	Pg	09:26:13.453	0.2					T__						14759519	FDSN	HU	--	BUD	BUD	BHZ	???	_
MORH	0.25	80.7	Lg	09:26:17.444	-0.2					T__						14759520	FDSN	HU	--	BUD	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
2016/02/19	11:06:51.02	0.41	0.30	46.2831	21.6180	3.3	1.5	117	2.0A		10		236	0.04	1.50	a	ke BUC	14587052	ISC			360
2016/02/19	11:06:50.45	1.15	0.76	46.3058	21.6302	5.1	4.5	92	1.0F	5.9	22	6	142	0.04	1.53	m	ke BUD	14706594	iLoc			237

Magnitude	Err	Nsta	Author	OrigID
ml	1.9		BUC	14587052

M 2.0 5 BUD 14706594

Sta	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	0.04	151.9	Pg	11:06:51.600	-0.2					T__						14706596	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.04	151.9	Pg	11:06:51.600	-0.2					T__		4.5				14706597	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.04	151.9	Lg	11:06:52.429	-0.4					T__		4.5				14706598	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.05	150.7	Pb	11:06:51.473	-0.4					T__						14706599	FDSN	RO	--	BUD	iLoc	BHZ	???	_
AMBH	0.63	274.4	Pg	11:07:04.162	0.5					T__						14706600	FDSN	HU	--	BUD	iLoc	SHN	???	_
AMBH	0.63	274.4	Lg	11:07:12.157	-1.6					T__						14706601	FDSN	HU	--	BUD	iLoc	SHN	???	_
BZS	0.69	179.4	Pg	11:07:04.072	0.1					T__						14706602	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.69	179.4	Lg	11:07:12.612	-1.3					T__						14706603	FDSN	RO	--	BUD	iLoc	BHE	???	_
BZS	0.69	180.8	Sg	11:07:13.451	-0.5					T__						14706604	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.89	56.5	Pg	11:07:08.354	0.2					T__						14706605	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.89	56.5	Lg	11:07:21.765	-0.8					T__						14706607	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.89	56.5	Pb	11:07:08.169	-0.0					T__						14706608	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	0.89	56.5	Sg	11:07:21.593	-1.0					T__						14706609	FDSN	RO	--	BUD	iLoc	BHE	???	_
GZR	1.21	138.3	Pg	11:07:13.979	0.3					T__						14706610	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.21	138.3	Pg	11:07:13.979	0.3					T__		0.1				14706611	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.21	138.3	Pn	11:07:14.669	1.1					T__						14706612	FDSN	RO	--	BUD	iLoc	BHZ	???	_
GZR	1.21	138.3	Lg	11:07:30.237	-0.8					T__						14706613	FDSN	RO	--	BUD	iLoc	BHE	???	_
GZR	1.21	138.3	Sg	11:07:31.084	0.1					T__		0.1				14706614	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.53	177.8	Pn	11:07:18.708	0.7					T__						14706615	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.53	177.8	Sn	11:07:40.322	0.8					T__						14706617	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
2016/02/19	12:38:59.24	2.10	0.89	48.1774	19.1224	35.3	5.1	43	0.0A		5	3	212	0.37	1.00	m	kx BUD	14706618	iLoc			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
VYHS	0.37	329.0	Pg	12:39:07.054	0.2					T__						14706620	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.37	329.0	Lg	12:39:11.371	-1.1					T__						14706621	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	0.58	116.3	Pg	12:39:11.663	-0.0					T__						14706622	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.58	116.3	Lg	12:39:20.621	-0.4					T__						14706623	FDSN	GE	--	BUD	iLoc	BHN	???	_
LANS	1.00	13.1	Pn	12:39:20.005	0.3					T__						14706624	FDSN	SK	--	BUD	iLoc	EHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/02/22	13:14:58.84	1.11	0.68	48.5510	18.6316	16.0	5.4	18	18.2F	8.7	10	5	151	0.15	1.06	m	ke BUD	14706768	iLoc			188

Magnitude Err Nsta Author OrigID

MLv 1.7 1.8 2 BUD 14706768

Sta	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	0.15	112.7	Pg	13:15:03.407	0.0					T__						14706770	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.15	112.7	Lg	13:15:07.033	0.4					T__						14706771	FDSN	SK	--	BUD	iLoc	HHE	???	_
JAVC	0.71	296.2	Pg	13:15:13.108	-0.1					T__						14706772	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	0.71	296.2	Sn	13:15:24.525	0.1					T__						14706773	FDSN	CZ	--	BUD	iLoc	BHE	???	_
JAVC	0.71	296.2	Pb	13:15:12.600	-0.6					T__						14706774	FDSN	IR	--	ISC	iLoc	???	???	_

JAVC	0.71	296.2	Lg	13:15:23.900	0.5				T__						14706775	FDSN	IR	--	ISC	iLoc	???	???	_
IZAB	0.72	88.2	Sn	13:15:25.139	0.8				T__						14706776	FDSN	SK	--	BUD	iLoc	EHN	???	_
MODS	0.92	259.3	Pg	13:15:18.030	0.8				T__						14706777	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.92	259.3	Sn	13:15:28.893	-0.6				T__						14706778	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.06	126.4	Sn	13:15:32.506	-0.7				T__						14706779	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
2016/02/23	10:14:43.34	1.14	0.47	48.5981	20.7260	11.4	4.3	145	8.6F	3.9	11	7	156	0.20	1.26	m	ke BUD	14706780	iLoc			171

Magnitude	Err	Nsta	Author	OrigID
M	1.7	5	BUD	14706780

Sta	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	234.3	Pg	10:14:47.463	-0.2					T__						14706782	FDSN	SK	--	BUD	iLoc	EHN	???	_
KECS	0.20	234.3	Lg	10:14:51.438	0.5					T__						14706783	FDSN	SK	--	BUD	iLoc	EHE	???	_
CRVS	0.57	57.7	Pg	10:14:54.498	0.2					T__						14706784	FDSN	SK	--	BUD	iLoc	HHZ	???	_
CRVS	0.57	57.7	Lg	10:15:02.735	-0.9					T__						14706785	FDSN	SK	--	BUD	iLoc	HHE	???	_
IZAB	0.67	267.9	Lg	10:15:06.638	-0.1					T__						14706786	FDSN	SK	--	BUD	iLoc	EHN	???	_
NIE	0.87	341.8	Pg	10:14:59.595	-0.0					T__						14706787	FDSN	PL	--	BUD	iLoc	BHZ	???	_
PSZ	0.88	219.6	Pn	10:15:01.222	0.0					T__						14706788	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.88	219.6	Lg	10:15:14.303	-0.4					T__						14706789	FDSN	GE	--	BUD	iLoc	BHN	???	_
MASL	0.94	63.3	Lg	10:15:16.069	0.4					T__						14706790	FDSN	SK	--	BUD	iLoc	EHN	???	_
VYHS	1.26	266.0	Pg	10:15:08.116	-0.1					T__						14706791	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	1.26	266.0	Sn	10:15:24.801	0.2					T__						14706792	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
2016/02/23	13:40:40.70	0.33		45.4620	17.8670	0.0	0.0		8.5F	3.7	12			0.81	2.03	a	ke RHSSO	14587093	ISC			360
2016/02/23	13:40:39.67	1.26	0.54	45.5590	17.7535	7.7	3.7	143	13.6F	14.5	20	9	104	0.58	2.16	m	ke BUD	14706793	iLoc			122

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		RHSSO	14587093

Sta	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	24.5	Pg	13:40:51.642	-0.0					T__						14706795	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KOVH	0.58	24.5	Lg	13:41:00.260	-0.0					T__						14706796	FDSN	HU	--	BUD	iLoc	BHE	???	_
MOSL	0.70	274.8	Pn	13:40:54.650	-0.0					T__						14706797	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.70	274.8	Lg	13:41:04.110	0.0					T__						14706798	FDSN	IR	--	ISC	iLoc	???	???	_
MRAK	0.81	228.1	Pg	13:40:55.600	-0.3					T__						14706799	FDSN	IR	--	ISC	iLoc	???	???	_
MRAK	0.81	228.1	Lg	13:41:07.200	-0.2					T__						14706800	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	0.87	207.9	Pn	13:40:56.944	0.1					T__						14706801	FDSN	MN	--	BUD	iLoc	BHZ	???	_
BLY	0.87	207.9	Sn	13:41:11.194	1.2					T__						14706802	FDSN	MN	--	BUD	iLoc	BHE	???	_
MORH	0.90	43.1	Pn	13:40:57.100	0.1					T__						14706803	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	0.90	43.1	Sn	13:41:10.300	-0.2					T__						14706804	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	0.90	43.1	Pg	13:40:57.207	-0.5					T__						14706805	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MORH	0.90	43.1	Lg	13:41:10.862	0.2					T__						14706806	FDSN	HU	--	BUD	iLoc	BHN	???	_
MGRS	1.24	202.8	Pn	13:41:02.300	0.2					T__						14706807	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.24	202.8	Sn	13:41:18.000	-1.2					T__						14706808	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	1.50	104.7	Pn	13:41:05.900	0.5					T__						14706809	FDSN	IR	--	ISC	iLoc	???	???	_

FRGS	1.50	104.7	Sn	13:41:25.500	0.2	T__	---	14706810	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	1.63	280.2	Pg	13:41:11.600	0.4	T__	---	14706811	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	1.63	280.2	Lg	13:41:32.900	-0.2	T__	---	14706812	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.16	131.7	Pn	13:41:15.400	0.5	T__	---	14706813	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.16	131.7	Sn	13:41:40.600	-0.8	T__	---	14706814	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
2016/02/23	16:41:31.51	1.12	0.71	47.6240	18.0307	6.5	5.5	105	13.0F	11.3	12	9	78	0.27	1.54	m	ke BUD	14706815	iLoc			144

Magnitude	Err	Nsta	Author	OrigID
M	2.0	5	BUD	14706815

Sta	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	0.27	45.1	Pg	16:41:37.358	-0.1					T__						14706817	FDSN	SK	--	BUD	iLoc	EZH	???	_
CSKK	0.30	149.0	Pg	16:41:38.088	-0.1					T__						14706818	FDSN	HU	--	BUD	iLoc	SHZ	???	_
CSKK	0.30	149.0	Lg	16:41:43.043	-0.0					T__						14706819	FDSN	HU	--	BUD	iLoc	SHZ	???	_
EGYH	0.52	246.6	Lg	16:41:49.984	0.3					T__						14706820	FDSN	HU	--	BUD	iLoc	SHN	???	_
MPLH	0.56	216.5	Pg	16:41:43.084	0.1					T__						14706821	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MPLH	0.56	216.5	Sn	16:41:52.777	-1.3					---						14706822	FDSN	HU	--	BUD	iLoc	BHE	???	_
TIH	0.73	187.7	Sn	16:41:57.550	-0.7					T__						14706823	FDSN	HU	--	BUD	iLoc	SHN	???	_
ZST	0.85	312.9	Pn	16:41:48.282	0.2					T__						14706824	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.85	312.9	Lg	16:42:00.030	0.1					T__						14706825	FDSN	SK	--	BUD	iLoc	HHN	???	_
VYHS	1.02	31.5	Pn	16:41:50.543	-0.0					T__						14706826	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	1.02	31.5	Sn	16:42:04.034	-1.2					T__						14706827	FDSN	SK	--	BUD	iLoc	HHE	???	_
PSZ	1.29	76.1	Sn	16:42:13.673	1.4					T__						14706828	FDSN	GE	--	BUD	iLoc	BHN	???	_
KOVH	1.54	178.2	Lg	16:42:22.743	-0.1					T__						14706829	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	
2016/02/24	10:21:55.30	1.04	0.43	48.5089	18.7614	17.6	4.9	24	5.3F	9.2	9	5	168	0.05	1.50	m	ke BUD	14707035	iLoc				200

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.5	2 BUD	14707035

Sta	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	0.05	106.7	Pg	10:21:57.176	0.3					T__						14707037	FDSN	SK	--	BUD	iLoc	HHZ	???	_
IZAB	0.64	84.2	Lg	10:22:17.100	-0.3					T__						14707038	FDSN	SK	--	BUD	iLoc	EHN	???	_
JAVC	0.80	296.3	Pg	10:22:11.577	0.3					T__						14707039	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	0.80	296.3	Lg	10:22:22.879	-0.0					T__						14707040	FDSN	CZ	--	BUD	iLoc	BHN	???	_
JAVC	0.80	296.3	Pb	10:22:11.100	-0.2					T__						14707041	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	0.80	296.3	Sg	10:22:22.500	-0.4					T__						14707042	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	0.96	127.5	Pn	10:22:14.972	0.4					T__						14707043	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.96	127.5	Lg	10:22:28.761	-0.6					T__						14707044	FDSN	GE	--	BUD	iLoc	BHN	???	_
MORC	1.50	328.2	Sn	10:22:42.822	-0.0					T__						14707045	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	
2016/02/24	11:04:20.90	0.28	2.21	48.3924	18.1736	2.8	2.2	171	0.0F	0.0	18	3		1.61	1.61	a	ke VIE	14587414	ISC				360

2016/02/24 11:04:20.50 1.30 0.48 48.3963 18.2121 7.7 4.9 177 5.9F 10.2 12 6 174 0.43 1.64 m ke BUD 14707046 iLoc 177

Magnitude	Err	Nsta	Author	OrigID
mb	2.0		VIE	14587414
ml	1.7		VIE	14587414
MLv	2.0	1.1	3 BUD	14707046

Sta	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	0.43	76.5	Pg	11:04:29.503	0.3					T__						14707048	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.43	76.5	Lg	11:04:35.872	0.3					T__						14707049	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.59	322.4	Pg	11:04:32.389	0.1					T__						14707050	FDSN	CZ	--	BUD	iLoc	BHN	???	_
JAVC	0.59	322.4	Lg	11:04:40.490	-0.5					T__						14707051	FDSN	CZ	--	BUD	iLoc	BHN	???	_
JAVC	0.59	322.4	Sg	11:04:40.800	-0.2					T__						14707052	FDSN	IR	--	ISC	iLoc	???	???	_
ZST	0.77	255.3	Pg	11:04:36.335	0.5					T__						14707053	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.77	255.3	Lg	11:04:47.102	0.1					T__						14707054	FDSN	SK	--	BUD	iLoc	HHN	???	_
IZAB	1.01	79.6	Lg	11:04:54.428	-0.6					T__						14707055	FDSN	SK	--	BUD	iLoc	EHN	???	_
MORC	1.45	342.6	Pg	11:04:48.563	0.8					T__						14707056	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
MORC	1.45	342.6	Sn	11:05:06.447	0.0					T__						14707057	FDSN	CZ	--	BUD	iLoc	BHE	???	_
CONA	1.64	254.3	Pn	11:04:48.852	-0.3					T__						14707058	FDSN	OE	--	BUD	iLoc	BHZ	???	_
CONA	1.64	254.3	Sn	11:05:10.793	-0.2					T__						14707059	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
2016/02/24	11:33:09.46	5.14	0.55	45.7625	17.2545	115.4	9.8	171	10.0A		5	3	215	0.67	1.07	m	ke BUD	14707060	iLoc			356

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	0.67	60.8	Pg	11:33:22.799	-0.4					T__						14707062	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KOVH	0.67	60.8	Sn	11:33:35.929	0.2					T__						14707063	FDSN	HU	--	BUD	iLoc	BHN	???	_
PTJ	0.91	279.6	Sn	11:33:42.216	0.2					T__						14707064	FDSN	CR	--	BUD	iLoc	BHE	???	_
MORH	1.07	64.4	Pn	11:33:29.619	0.1					T__						14707065	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MORH	1.07	64.4	Sn	11:33:45.790	0.6					T__						14707066	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
2016/02/24	13:45:44.50	0.15	0.18	47.9100	16.4015	2.0	1.2	112	14.1F	1.5	19		133	0.25	2.01	a	ke IPEC	14587426	ISC			360
2016/02/24	13:45:45.50	0.00		47.9700	16.3300				7.0A		18					a	ke PRU	14587424	ISC			360
2016/02/24	13:45:44.56	0.14	1.72	47.9337	16.3894	1.5	1.0	153	10.5F	1.1	35		3	0.35	2.23	a	ke VIE	14587420	ISC			360
2016/02/24	13:45:44.20	0.91	1.32	47.9307	16.3954	3.3	3.1	99	9.7F	6.3	45	18	68	0.27	2.63	m	ke BUD	14707067	iLoc			86

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		IPEC	14587426
mb	1.5		VIE	14587420
ml	2.0		VIE	14587420
M	2.0		7 BUD	14707067

Sta	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	0.27	156.0	Pg	13:45:50.063	0.0					T__						14707069	FDSN	HU	--	BUD	iLoc	BHZ	???	_
SOP	0.27	156.0	Lg	13:45:53.439	-0.9					T__						14707070	FDSN	HU	--	BUD	iLoc	BHZ	???	_

CONA	0.36	269.8	Pg	13:45:51.751	0.0	T__									14707071	FDSN	OE	--	BUD	iLoc	BHZ	???	_
CONA	0.36	269.8	Lg	13:45:56.906	-0.5	T__									14707072	FDSN	OE	--	BUD	iLoc	BHN	???	_
CONA	0.36	269.8	Pb	13:45:51.960	0.2	T__				1.9	0.10				14707073	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.36	269.8	Sg	13:45:57.531	0.1	T__				12.7	0.26				14707074	FDSN	IR	--	ISC	iLoc	???	???	_
ZST	0.54	60.5	Pg	13:45:55.062	-0.2	T__									14707075	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.54	60.5	Lg	13:46:02.332	-0.8	T__									14707076	FDSN	SK	--	BUD	iLoc	HHN	???	_
EGYH	0.82	128.8	Pg	13:45:59.860	-0.7	T__									14707077	FDSN	HU	--	BUD	iLoc	SHZ	???	_
EGYH	0.82	128.8	Lg	13:46:11.740	-0.1	T__									14707078	FDSN	HU	--	BUD	iLoc	SHN	???	_
ARSA	0.90	221.3	Lg	13:46:14.333	0.1	T__				7.4	0.28				14707079	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.90	221.3	Pn	13:46:01.358	-0.5	T__									14707080	FDSN	OE	--	BUD	iLoc	BHZ	???	_
ARSA	0.90	221.3	Sg	13:46:13.498	-0.7	T__									14707081	FDSN	OE	--	BUD	iLoc	BHN	???	_
MPLH	1.09	134.1	Pn	13:46:05.124	0.6	T__									14707082	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MPLH	1.09	134.1	Sn	13:46:20.184	-0.1	T__									14707083	FDSN	HU	--	BUD	iLoc	BHN	???	_
KRUC	1.13	360.0	Pg	13:46:05.900	0.2	T__									14707084	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.13	360.0	Lg	13:46:20.500	-0.4	T__				23.5	0.27				14707086	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.13	360.0	Pb	13:46:06.352	0.6	T__									14707087	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
KRUC	1.13	360.0	Sg	13:46:21.093	0.2	T__									14707088	FDSN	CZ	--	BUD	iLoc	BHN	???	_
JAVC	1.26	42.0	Pg	13:46:09.500	0.5	T__									14707089	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
VRAC	1.38	5.4	Pg	13:46:09.800	-0.5	T__									14707090	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.38	5.4	Lg	13:46:28.800	0.2	T__				19.5	0.34				14707092	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.38	5.4	Sg	13:46:28.900	0.3	T__									14707093	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.39	5.4	Pb	13:46:09.927	-0.4	T__									14707094	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
VRAC	1.39	5.4	Sb	13:46:28.299	-0.3	T__									14707095	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MOA	1.44	267.5	Pn	13:46:10.626	1.2	T__				1.2	0.22				14707096	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	1.44	267.5	Sn	13:46:30.314	1.1	T__				6.0	0.28				14707097	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	1.49	183.9	Pg	13:46:13.135	-0.1	T__									14707098	FDSN	SL	--	BUD	iLoc	BHZ	???	_
KOGS	1.49	183.9	Sn	13:46:32.026	1.5	T__									14707099	FDSN	SL	--	BUD	iLoc	BHE	???	_
CKRC	1.65	303.4	Pg	13:46:15.050	-0.3	T__									14707100	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
CKRC	1.65	303.4	Lg	13:46:36.570	-0.6	T__									14707101	FDSN	CZ	--	BUD	iLoc	BHN	???	_
CKRC	1.65	303.4	Pb	13:46:14.400	-1.0	T__									14707102	FDSN	IR	--	ISC	iLoc	???	???	_
CKRC	1.65	303.4	Sg	13:46:36.400	-0.8	T__				5.9	0.30				14707103	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.00	21.9	Sn	13:46:43.711	1.0	T__									14707104	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MORC	2.00	21.9	Lg	13:46:43.900	-4.0	T__				5.5	0.40				14707105	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.00	21.9	Lg	13:46:44.000	-4.0	T__									14707106	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.22	303.7	Pg	13:46:24.500	-1.8	T__									14707107	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.22	303.7	Lg	13:46:54.500	-0.7	T__									14707108	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	2.24	248.7	Pn	13:46:23.713	2.7	T__									14707109	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	2.24	248.7	Lg	13:46:54.663	-2.8	T__				1.1	0.28				14707110	FDSN	IR	--	ISC	iLoc	???	???	_
PRU	2.39	330.0	Lg	13:46:59.000	-0.8	T__									14707111	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.42	358.9	Lg	13:46:59.900	0.2	T__									14707112	FDSN	IR	--	ISC	iLoc	???	???	_
OSTC	2.63	357.5	Lg	13:47:08.400	2.6	T__									14707113	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
2016/02/24	16:17:46.90	0.14	0.16	47.9135	16.3855	1.9	1.2	113	14.7F	1.4	19	131		0.26	2.02	a	ke IPEC	14587493	ISC			360
2016/02/24	16:17:47.80	0.00		47.9500	16.3400				10.0A		17					a	ke PRU	14587491	ISC			360
2016/02/24	16:17:46.95	0.21	0.57	47.9294	16.3862	1.4	1.2	134	8.3F	2.6	29	3		0.35	1.42	a	ke VIE	14587487	ISC			360
2016/02/24	16:17:47.01	0.98	0.87	47.9242	16.3618	4.2	3.1	51	9.8F	7.2	38	17	90	0.28	2.64	m	ke BUD	14707114	iLoc			105

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		IPEC	14587493
mb	1.5		VIE	14587487

m1 2.0 VIE 14587487  
M 1.7 5 BUD 14707114

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
SOP	0.28	151.1	Pg	16:17:52.610	-0.3					T__						14707116	FDSN	HU	--	BUD	iLoc	BHZ	???	_
SOP	0.28	151.1	Lg	16:17:56.109	-1.1					T__						14707117	FDSN	HU	--	BUD	iLoc	BHE	???	_
CONA	0.34	270.9	Pg	16:17:54.464	0.4					T__						14707118	FDSN	OE	--	BUD	iLoc	BHE	???	_
CONA	0.34	270.9	Lg	16:18:00.204	0.7					T__						14707119	FDSN	OE	--	BUD	iLoc	BHE	???	_
CONA	0.34	270.9	Sg	16:17:59.705	0.2					T__		7.0	0.10			14707120	FDSN	IR	--	ISC	iLoc	???	???	_
EGYH	0.83	127.4	Pg	16:18:03.271	-0.3					T__						14707121	FDSN	HU	--	BUD	iLoc	SHZ	???	_
EGYH	0.83	127.4	Lg	16:18:15.146	0.0					T__						14707122	FDSN	HU	--	BUD	iLoc	SHE	???	_
ARSA	0.88	220.4	Lg	16:18:16.502	0.1					T__		6.9	0.30			14707123	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.88	220.4	Pg	16:18:03.903	-0.3					T__						14707124	FDSN	OE	--	BUD	iLoc	BHZ	???	_
ARSA	0.88	220.4	Sg	16:18:17.308	0.9					T__						14707125	FDSN	OE	--	BUD	iLoc	BHE	???	_
MPLH	1.10	133.0	Pg	16:18:08.893	0.2					T__						14707126	FDSN	HU	--	BUD	iLoc	BHE	???	_
MPLH	1.10	133.0	Sn	16:18:23.091	-0.3					T__						14707127	FDSN	HU	--	BUD	iLoc	BHN	???	_
KRUC	1.14	1.1	Pg	16:18:08.300	-0.4					T__						14707128	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.14	1.1	Pb	16:18:08.400	-0.3					T__						14707129	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.14	1.1	Lg	16:18:22.700	-1.2					T__		17.4	0.25			14707130	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.14	1.1	Lg	16:18:22.800	-1.2					T__						14707131	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.14	1.1	Pn	16:18:08.769	0.8					T__						14707132	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
KRUC	1.14	1.1	Sn	16:18:23.906	-0.3					T__						14707133	FDSN	CZ	--	BUD	iLoc	BHN	???	_
VRAC	1.39	6.2	Pn	16:18:12.300	0.8					T__						14707134	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.39	6.2	Sn	16:18:30.600	0.2					T__						14707136	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.39	6.2	Pg	16:18:12.454	-0.9					T__						14707137	FDSN	CZ	--	BUD	iLoc	BHN	???	_
VRAC	1.39	6.2	Lg	16:18:30.747	-1.0					T__						14707138	FDSN	CZ	--	BUD	iLoc	BHE	???	_
CSKK	1.40	112.9	Lg	16:18:32.933	-0.2					T__						14707139	FDSN	HU	--	BUD	iLoc	SHN	???	_
MOA	1.41	267.7	Pg	16:18:13.688	-0.6					T__		1.8	0.22			14707140	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	1.41	267.7	Lg	16:18:33.416	-0.0					T__		4.2	0.27			14707141	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	1.48	168.9	Lg	16:18:35.301	-1.2					T__						14707142	FDSN	HU	--	BUD	iLoc	BHN	???	_
TREC	1.49	337.4	Lg	16:18:34.400	-0.4					T__		5.9	0.40			14707143	FDSN	IR	--	ISC	iLoc	???	???	_
CKRC	1.64	304.0	Pg	16:18:17.602	-0.3					T__						14707144	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
CKRC	1.64	304.0	Lg	16:18:38.836	-0.7					T__						14707145	FDSN	CZ	--	BUD	iLoc	BHN	???	_
CKRC	1.64	304.0	Pb	16:18:17.300	-0.6					T__						14707146	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.01	22.4	Sn	16:18:46.300	0.5					T__						14707147	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.01	22.4	Sn	16:18:46.300	0.5					T__		2.5	0.29			14707148	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	2.17	7.2	Sn	16:18:50.000	0.4					T__						14707149	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.21	304.2	Pg	16:18:26.800	-2.0					T__						14707150	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.21	304.2	Lg	16:18:57.000	-0.6					T__		2.9	0.30			14707151	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.43	359.4	Lg	16:19:03.600	0.9					T__						14707152	FDSN	IR	--	ISC	iLoc	???	???	_
OSTC	2.64	358.0	Lg	16:19:11.500	2.7					T__						14707153	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
2016/02/24	20:44:46.12	1.00	1.08	46.1981	17.1802	4.2	3.4	155	13.5F	7.6	27	16	58	0.08	1.26	m	ke BUD	14707154	iLoc			90

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	8 BUD	14707154

Sta	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	0.08	116.9	Pg	20:44:49.187	-0.1					T__	9.0	0.9			MLv	1.5	14707156	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_
A264A	0.08	116.9	Lg	20:44:51.746	-0.0					T__						14707157	FDSN	Z3	00	BUD	iLoc	HHN	???	_	



(Station ML : 1.5 1																					
BEHE 0.39 314.3 Pg	20:44:54.696	0.2	T__	1.9	0.1	---	MLv	1.5	14707158	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_				
BEHE 0.39 314.3 Lg	20:45:00.957	0.3	T__			---			14707159	FDSN	HU	--	BUD	iLoc	BHE	???	_				
(Station ML : 1.5 1																					
A263A 0.45 11.8 Lg	20:45:01.449	-1.1	T__			---			14707160	FDSN	Z3	00	BUD	iLoc	HHN	???	_				
KALN 0.51 262.7 Pg	20:44:55.230	-1.5	T__			---			14707161	FDSN	IR	--	ISC	iLoc	???	???	_				
KALN 0.51 262.7 Lg	20:45:03.280	-1.3	T__			---			14707162	FDSN	IR	--	ISC	iLoc	???	???	_				
KOVH 0.65 99.4 Pg	20:44:59.118	-0.3	T__	1.8	0.0	---	MLv	1.5	14707163	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_				
(Station ML : 1.5 0																					
MOSL 0.66 207.1 Pg	20:44:59.200	-0.3	T__			---			14707164	FDSN	IR	--	ISC	iLoc	???	???	_				
MOSL 0.66 207.1 Lg	20:45:09.280	0.2	T__			---			14707165	FDSN	IR	--	ISC	iLoc	???	???	_				
KOGS 0.69 291.6 Pg	20:45:00.124	0.2	T__	2.4	0.2	---	MLv	2.2	14707166	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_				
KOGS 0.69 291.6 Lg	20:45:11.630	1.8	T__			---			14707167	FDSN	SL	--	BUD	iLoc	BHE	???	_				
(Station ML : 2.2 1																					
LOBO 0.77 267.2 Pg	20:44:59.340	-2.2	T__			---			14707168	FDSN	IR	--	ISC	iLoc	???	???	_				
LOBO 0.77 267.2 Lg	20:45:10.800	-1.8	T__			---			14707169	FDSN	IR	--	ISC	iLoc	???	???	_				
TIH 0.86 34.6 Pg	20:45:02.447	-0.7	T__	2.9	0.2	---	MLv	2.2	14707170	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_				
TIH 0.86 34.6 Lg	20:45:14.170	-1.1	T__			---			14707171	FDSN	HU	--	BUD	iLoc	SHE	???	_				
(Station ML : 2.2 1																					
PTJ 0.89 251.4 Pg	20:45:03.810	-0.2	T__			---			14707172	FDSN	IR	--	ISC	iLoc	???	???	_				
A252A 0.89 148.3 Pn	20:45:04.190	0.6	T__			---			14707173	FDSN	IR	--	ISC	iLoc	???	???	_				
A252A 0.89 148.3 Lg	20:45:15.920	-0.6	T__			---			14707174	FDSN	IR	--	ISC	iLoc	???	???	_				
MPLH 1.00 14.1 Pg	20:45:06.817	0.8	T__	1.9	0.1	---	MLv	2.2	14707175	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_				
MPLH 1.00 14.1 Lg	20:45:18.678	-1.3	T__			---			14707176	FDSN	HU	--	BUD	iLoc	BHE	???	_				
(Station ML : 2.2 1																					
MORH 1.02 88.5 Pn	20:45:05.998	1.0	T__	1.6	0.1	---	MLv	2.0	14707177	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_				
MORH 1.02 88.5 Lg	20:45:20.208	-0.5	T__			---			14707178	FDSN	HU	--	BUD	iLoc	BHN	???	_				
(Station ML : 2.0 1																					
A267A 1.17 49.7 Lg	20:45:24.300	-1.0	T__			---			14707179	FDSN	Z3	00	BUD	iLoc	HHN	???	_				
A251A 1.25 211.3 Pn	20:45:09.470	0.9	T__			---			14707180	FDSN	IR	--	ISC	iLoc	???	???	_				
A251A 1.25 211.3 Sn	20:45:25.760	-0.1	T__			---			14707181	FDSN	IR	--	ISC	iLoc	???	???	_				
CRES 1.26 253.4 Pg	20:45:11.919	1.4	T__	1.5	0.2	---	MLv	2.4	14707182	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_				

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2016/02/26 00:01:31.68 4.07 0.18 47.2781 17.6504 7.8 5.5 145 0.3F 7.1 6 4 136 0.13 0.42 m ke BUD 14707236 iLoc 224

Magnitude Err Nsta Author OrigID  
 ML 0.8 0.1 3 BUD 14707236

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.13	215.0	Pg	00:01:34.798	-0.0					T__	2.8	0.1		MLv	0.8	14707238	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.13	215.0	Lg	00:01:37.430	0.1					T__						14707239	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 0.8 1																									
A268A	0.24	50.4	Pg	00:01:36.918	-0.1					T__	2.2	0.1		MLv	0.7	14707240	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 0.7 1																									
EGYH	0.26	302.6	Pg	00:01:37.478	0.1					T__	1.5	0.1		MLv	0.9	14707241	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
EGYH	0.26	302.6	Lg	00:01:41.506	-0.2					T__						14707242	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 0.9 1																									
CSKK	0.42	78.2	Lg	00:01:47.309	0.1					T__						14707243	FDSN	HU	--	BUD	iLoc	SHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/02/26	10:49:37.74	1.26	0.67	48.5846	20.3541	10.2	5.7	11	7.4F	10.3	9	5	159	0.13	1.17	m	ke BUD	14707696	iLoc			231

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.3	3 BUD	14707696

Sta	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	0.13	139.2	Pg	10:49:40.414	-0.4					T__				---		14707698	FDSN	SK	--	BUD	iLoc	EHN	???	_
KECS	0.13	139.2	Lg	10:49:43.615	0.3					T__				---		14707699	FDSN	SK	--	BUD	iLoc	EHZ	???	_
IZAB	0.43	268.1	Pg	10:49:46.227	-0.2					T__				---		14707700	FDSN	SK	--	BUD	iLoc	EHN	???	_
IZAB	0.43	268.1	Lg	10:49:52.542	-0.3					T__				---		14707701	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.73	204.9	Pg	10:49:53.248	0.0					T__				---		14707702	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.73	204.9	Lg	10:50:04.066	-0.3					T__				---		14707703	FDSN	GE	--	BUD	iLoc	BHE	???	_
VYHS	1.01	265.4	Pg	10:49:57.950	-0.0					T__				---		14707704	FDSN	SK	--	BUD	iLoc	HHN	???	_
MASL	1.17	67.9	Pn	10:50:00.652	0.8					T__				---		14707705	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	1.17	67.9	Sn	10:50:16.347	-1.0					T__				---		14707706	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
2016/02/26	11:16:20.60	3.27	0.04	47.5910	18.2844	61.1	6.8	112	0.0A		4	2	230	0.08	0.23	m	kx BUD	14707707	iLoc			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	
A269A	0.08	54.3	Pg	11:16:22.791	0.0					T__	55.0	2.2		---	MLv	1.9	14707709	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A269A	0.08	54.3	Lg	11:16:24.560	-0.0					T__				---		14707710	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CSKK	0.23	184.1	Pg	11:16:25.690	-0.0					T__	8.5	0.2		---	MLv	1.2	14707711	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.23	184.1	Lg	11:16:29.715	0.0					T__				---		14707712	FDSN	HU	--	BUD	iLoc	SHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/02/27	09:32:23.87	2.57	1.41	46.0763	18.3307	15.9	6.1	169	5.8F	24.8	7	4	217	0.16	0.88	m	ke BUD	14707760	iLoc			282

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	14707760

Sta	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	274.4	Pg	09:32:27.547	-0.0					T__	16.0	0.3		---	MLv	1.2	14707762	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.16	274.4	Lg	09:32:30.540	0.1					T__				---		14707763	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.2 1																									
MORH	0.26	57.3	Pg	09:32:29.444	0.1					T__	3.0	0.2		---	MLv	1.3	14707764	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.26	57.3	Lg	09:32:33.336	-0.2					T__				---		14707765	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.3 1																									
A266A	0.45	354.2	Pg	09:32:34.577	1.5					T__	2.1	0.2		---	MLv	1.8	14707766	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.45	354.2	Lg	09:32:38.256	-1.8					T__				---		14707767	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.8 1																									
TIH	0.88	339.8	Lg	09:32:53.611	-0.7					T__				---		14707768	FDSN	HU	--	BUD	iLoc	SHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/02/29	12:30:59.57	2.44	1.65	47.3879	18.2896	13.7	7.6	10	0.0S	4	3	201	0.03	0.44	m	kx	BUD	14707793	iLoc			298
2016/02/29	12:30:57.93f	2.22	47.2302	18.2835f					0.0S	4		208	0.13	0.38	a	kx	BUD_GT	14759265	BUD			316

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

Magnitude Err Nsta Author OrigID

Sta	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	353.4	Pg	12:31:00.068	-1.2					T__		0.2		---	MLv	14759523	FDSN	HU	--	BUD	BUD	SHZ	SHZ	_
CSKK	0.13	353.4	Lg	12:31:03.119	-0.8					T__				---		14759524	FDSN	HU	--	BUD	BUD	SHN	???	_
A268A	0.32	309.6	Lg	12:31:10.257	0.2					T__				---		14759525	FDSN	Z3	00	BUD	BUD	HHN	???	_
A271A	0.38	101.2	Lg	12:31:16.816	4.2					T__				---		14759526	FDSN	Z3	--	BUD	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	
2016/02/29	18:35:00.98	1.07	1.02	46.0622	21.5420	7.5	4.8	77	7.9F	1.6	13	9	94	0.22	2.17	m	ke	BUD	14707825	iLoc			126

Magnitude Err Nsta Author OrigID  
M 2.1 5 BUD 14707825

Sta	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	0.22	22.4	Pg	18:35:06.426	0.5					T__				---		14707827	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.22	22.4	Lg	18:35:10.078	0.3					T__				---		14707828	FDSN	RO	--	BUD	iLoc	BHN	???	_
BZS	0.45	171.2	Pg	18:35:10.473	0.5					T__				---		14707829	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.45	171.2	Lg	18:35:16.660	0.0					T__				---		14707830	FDSN	RO	--	BUD	iLoc	BHE	???	_
AMBH	0.64	297.2	Lg	18:35:22.689	-1.4					T__				---		14707831	FDSN	HU	--	BUD	iLoc	SHN	???	_
BANR	0.74	202.8	Lg	18:35:25.596	-0.5					T__				---		14707832	FDSN	RO	--	BUD	iLoc	BHE	???	_
DRGR	1.09	47.5	Pg	18:35:22.523	-0.1					T__				---		14707833	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	1.09	47.5	Sn	18:35:37.138	-0.9					T__				---		14707834	FDSN	RO	--	BUD	iLoc	BHZ	???	_
GZR	1.09	127.3	Pg	18:35:22.724	0.7					T__				---		14707835	FDSN	RO	--	BUD	iLoc	BHZ	???	_
GZR	1.09	127.3	Sn	18:35:37.607	-0.1					T__				---		14707836	FDSN	RO	--	BUD	iLoc	BHE	???	_
LTVH	1.35	10.4	Sn	18:35:45.760	1.7					T__				---		14707837	FDSN	HU	--	BUD	iLoc	SHE	???	_
LOT	1.68	110.8	Lg	18:35:55.568	-1.4					T__				---		14707838	FDSN	RO	--	BUD	iLoc	BHE	???	_
PSZ	2.17	329.3	Pn	18:35:36.793	-0.1					T__				---		14707839	FDSN	GE	--	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	
2016/02/29	19:51:21.17	1.34	0.37	46.0708	21.4997	9.7	5.9	92	13.2F	11.9	8	5	130	0.23	1.12	m	ke	BUD	14707815	iLoc			222

Magnitude Err Nsta Author OrigID  
MLv 1.5 0.2 3 BUD 14707815

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
SIRR	0.23	30.2	Pg	19:51:26.892	0.3					T__				---		14707817	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.23	30.2	Lg	19:51:30.356	-0.3					T__				---		14707818	FDSN	RO	--	BUD	iLoc	BHR	???	_
BZS	0.46	167.7	Pg	19:51:30.709	0.1					T__				---		14707819	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.46	167.7	Lg	19:51:37.042	-0.4					T__				---		14707820	FDSN	RO	--	BUD	iLoc	BHT	???	_
AMBH	0.61	297.7	Lg	19:51:43.005	-0.2					T__				---		14707821	FDSN	HU	--	BUD	iLoc	SHT	???	_

DRGR	1.11	48.8	Pg	19:51:43.117	-0.0	T__	---	14707822	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	1.11	48.8	Sn	19:51:57.598	-0.1	T__	---	14707823	FDSN	RO	--	BUD	iLoc	BHT	???	_
GZR	1.12	126.7	Sn	19:51:57.936	0.3	T__	---	14707824	FDSN	RO	--	BUD	iLoc	BHT	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/03/01	13:51:55.60	0.40		45.9350	18.8980	0.2	0.0		0.0F	0.0	10			0.33	2.10	a	ke BEO	14588209	ISC			360
2016/03/01	13:51:55.70	0.35		45.9310	18.8130	0.1	0.0		4.4F	3.8	19			0.30	2.34	a	ke RHSSO	14588206	ISC			360
2016/03/01	13:51:54.63	0.93	1.39	45.9407	18.8790	8.0	3.3	45	5.0A		32	13	170	0.32	2.39	m	ke BUD	14707840	iLoc			214

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		BEO	14588209
ML	2.2		RHSSO	14588206
MLv	1.9	0.4	3 BUD	14707840

Sta	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	0.32	329.2	Pg	13:52:01.400	0.1					T__					---	14707842	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	0.32	329.4	Pb	13:52:01.245	-0.0					T__					---	14707843	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MORH	0.32	329.4	Lg	13:52:05.948	-0.4					T__					---	14707844	FDSN	HU	--	BUD	iLoc	BHE	???	_
KOVH	0.56	285.5	Pg	13:52:05.200	-0.9					T__					---	14707845	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KOVH	0.56	285.5	Lg	13:52:12.160	-2.6					T__					---	14707846	FDSN	HU	--	BUD	iLoc	BHE	???	_
FRGS	1.02	139.8	Pg	13:52:12.600	-1.5					T__					---	14707847	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	1.02	139.8	Lg	13:52:27.500	-1.7					T__					---	14707848	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	1.05	139.8	Pn	13:52:14.738	-0.1					T__					---	14707849	FDSN	SJ	--	BUD	iLoc	HHZ	???	_
FRGS	1.05	139.8	Sn	13:52:28.756	-2.0					T__					---	14707850	FDSN	SJ	--	BUD	iLoc	HHE	???	_
BLJ	1.19	166.6	Pn	13:52:17.000	0.4					T__					---	14707851	FDSN	IR	--	ISC	iLoc	???	???	_
BLJ	1.19	166.6	Sn	13:52:34.200	0.7					T__					---	14707852	FDSN	IR	--	ISC	iLoc	???	???	_
TEKS	1.47	161.5	Pn	13:52:21.700	1.1					T__					---	14707853	FDSN	IR	--	ISC	iLoc	???	???	_
TEKS	1.47	161.5	Sn	13:52:41.600	1.1					T__					---	14707854	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	1.52	258.3	Pn	13:52:22.240	0.4					T__					---	14707855	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	1.52	258.3	Sn	13:52:42.030	-0.8					T__					---	14707856	FDSN	IR	--	ISC	iLoc	???	???	_
MRAK	1.67	237.0	Pn	13:52:25.100	1.1					T__					---	14707857	FDSN	IR	--	ISC	iLoc	???	???	_
MRAK	1.67	237.0	Sn	13:52:46.500	-0.0					T__					---	14707858	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.69	225.7	Pn	13:52:25.000	1.1					T__					---	14707859	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.69	225.7	Sn	13:52:46.400	0.1					T__					---	14707860	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.98	220.4	Pn	13:52:29.400	1.2					T__					---	14707861	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.98	220.4	Sn	13:52:55.000	1.3					T__					---	14707862	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.00	156.4	Pn	13:52:30.100	1.8					T__					---	14707863	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.00	156.4	Pg	13:52:32.600	-0.0					T__					---	14707864	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.00	156.4	Sn	13:52:55.400	1.7					T__					---	14707865	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.00	156.4	Lg	13:52:59.100	-1.1					T__					---	14707866	FDSN	IR	--	ISC	iLoc	???	???	_
BBLs	2.11	169.6	Pn	13:52:31.900	2.2					T__					---	14707867	FDSN	IR	--	ISC	iLoc	???	???	_
BBLs	2.11	169.6	Pg	13:52:34.400	-0.3					T__					---	14707868	FDSN	IR	--	ISC	iLoc	???	???	_
BBLs	2.11	169.6	Sn	13:52:58.100	2.0					T__					---	14707869	FDSN	IR	--	ISC	iLoc	???	???	_
BBLs	2.11	169.6	Lg	13:53:01.100	-2.3					T__					---	14707870	FDSN	IR	--	ISC	iLoc	???	???	_
RUDD	2.35	171.3	Sn	13:53:04.000	2.4					T__					---	14707871	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	2.39	268.5	Pn	13:52:35.400	1.6					T__					---	14707872	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	2.39	268.5	Sn	13:53:04.100	0.2					T__					---	14707873	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
2016/03/01	16:48:34.83	3.22	0.63	45.9672	18.7365	22.9	10.1	134	5.0A	4	2	299	0.26	0.46	m	ke	BUD	14707874	iLoc			360

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.4	2 BUD	14707874

Sta	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	0.26	345.6	Pg	16:48:40.042	-0.2					T__						14707876	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MORH	0.26	345.6	Lg	16:48:44.785	0.4					T__						14707877	FDSN	HU	--	BUD	iLoc	BHE	???	_
KOVH	0.46	285.5	Pg	16:48:44.497	0.2					T__						14707878	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KOVH	0.46	285.5	Lg	16:48:51.053	-0.4					T__						14707879	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
2016/03/02	11:23:52.60	3.21	0.08	45.9044	18.3933	25.9	8.3	172	0.0A	4	2	282	0.28	0.36	m	kx	BUD	14707880	iLoc			360
2016/03/02	11:23:51.53f		0.32	45.8525	18.3977f				0.0S	4		293	0.31	0.40	a	kx	BUD_GT	14759269	BUD			360

(locality : Nagyharsány I.)  
(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
KOVH	0.31	318.7	Pg	11:23:58.758	0.3					T__						14759535	FDSN	HU	--	BUD	BUD	BHZ	???	_
KOVH	0.31	318.7	Lg	11:24:03.491	-0.3					T__						14759536	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.40	25.2	Pg	11:24:00.253	0.2					T__						14759537	FDSN	HU	--	BUD	BUD	BHZ	???	_
MORH	0.40	25.2	Lg	11:24:06.302	-0.4					T__						14759538	FDSN	HU	--	BUD	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
2016/03/02	15:23:33.70	3.27	0.10	47.8812	20.1319	41.0	19.6	3	0.0A	4	2	346	0.16	0.18	m	kx	BUD	14707886	iLoc			360
2016/03/02	15:23:33.28f		0.15	47.8650	20.1529f				0.0S	4		347	0.18	0.19	a	kx	BUD_GT	14759267	BUD			360

(GT info : GT2 explosion)  
(locality : Kisdána)

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	0.18	287.2	Pg	15:23:37.820	0.1					T__		0.7		___	MLv	14759529	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	15:23:40.988	-0.3					T__				___		14759530	FDSN	GE	--	BUD	BUD	HHN	???	_
ET1H	0.19	274.4	Pg	15:23:37.823	0.1					T__		0.5		___	MLv	14759531	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	15:23:41.160	-0.0					T__				___		14759532	FDSN	HU	--	BUD	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	
2016/03/04	13:12:12.44	1.28	0.61	48.5607	20.7377	8.6	4.2	149	4.6F	11.8	13	8	160	0.18	1.27	m	ke	BUD	14707894	iLoc			184

Magnitude	Err	Nsta	Author	OrigID
M	1.9		5 BUD	14707894

Sta	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	245.2	Pg	13:12:16.145	-0.2					T__						14707896	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.18	245.2	Lg	13:12:20.232	0.9					T__						14707897	FDSN	SK	--	BUD	iLoc	EHN	???	_
CRVS	0.59	54.2	Pg	13:12:23.259	-0.3					T__						14707898	FDSN	SK	--	BUD	iLoc	HHZ	???	_
IZAB	0.68	271.1	Pg	13:12:25.571	-0.5					T__						14707899	FDSN	SK	--	BUD	iLoc	EHN	???	_
IZAB	0.68	271.1	Lg	13:12:35.349	-0.7					T__						14707900	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.85	221.6	Pg	13:12:30.145	-0.2					T__						14707901	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.85	221.6	Lg	13:12:43.115	-0.2					T__						14707902	FDSN	GE	--	BUD	iLoc	BHN	???	_
NIE	0.90	342.1	Pg	13:12:29.966	0.6					T__						14707903	FDSN	PL	--	BUD	iLoc	BHZ	???	_
MASL	0.95	61.0	Pn	13:12:32.126	0.3					T__						14707904	FDSN	SK	--	BUD	iLoc	EHE	???	_
MASL	0.95	61.0	Lg	13:12:44.723	-0.4					T__						14707905	FDSN	SK	--	BUD	iLoc	EHN	???	_
LANS	1.03	305.6	Pg	13:12:31.839	-0.7					T__						14707906	FDSN	SK	--	BUD	iLoc	EHZ	???	_
VVHS	1.27	267.7	Pn	13:12:36.625	0.6					T__						14707907	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VVHS	1.27	267.7	Sn	13:12:54.275	-0.3					T__						14707908	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
2016/03/05	10:48:07.53	1.32	0.50	46.3324	21.8811	13.3	7.6	128	5.7F	20.6	6	3	164	0.17	0.73	m	ke BUD	14707979	iLoc			307

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.2	3 BUD	14707979

Sta	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	0.17	246.2	Pg	10:48:11.610	0.3					T__						14707981	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.17	246.2	Lg	10:48:14.024	-0.3					T__						14707982	FDSN	RO	--	BUD	iLoc	BHN	???	_
BZS	0.73	193.3	Pg	10:48:22.266	0.3					T__						14707983	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.73	193.3	Lg	10:48:32.134	-0.4					T__						14707984	FDSN	RO	--	BUD	iLoc	BHE	???	_
DRGR	0.73	51.0	Pn	10:48:23.545	-0.0					T__						14707985	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	0.73	51.0	Lg	10:48:33.970	-0.2					T__						14707986	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
2016/03/05	22:01:38.00	0.15	0.23	47.8834	18.0267	1.9	1.4	164	22.9F	1.3	15		170	0.26	1.71	a	ke IPEC	14588349	ISC			360
2016/03/05	22:01:41.40	0.00		48.0000	17.7600				1.0A		11					a	ke PRU	14588356	ISC			360
2016/03/05	22:01:38.41	0.31	1.99	47.8928	18.0676	2.9	1.9	164	14.0F	0.0	18		10	1.48	1.83	a	ke VIE	14588352	ISC			360
2016/03/05	22:01:36.67	1.13	1.23	47.9401	18.0032	4.6	3.4	49	6.0F	9.2	35	15	103	0.40	3.17	m	ke BUD	14707987	iLoc			124

Magnitude	Err	Nsta	Author	OrigID
ML	1.2		IPEC	14588349
mb	1.9		VIE	14588352
m1	1.9		VIE	14588352
ML	2.0	0.2	9 BUD	14707987

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A269A	0.40	139.6	Pg	22:01:44.838	0.1					T__	3.7	0.3			MLv 1.9	14707989	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A269A	0.40	139.6	Lg	22:01:50.539	-0.3					T__						14707990	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.9 1																									
A268A	0.51	186.0	Lg	22:01:54.115	-0.6					T__						14707991	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CSKK	0.60	163.1	Pg	22:01:49.088	0.3					T__	5.1	0.2			MLv 2.0	14707992	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
CSKK	0.60	163.1	Lg	22:01:56.702	-1.1					T__						14707993	FDSN	HU	--	BUD	iLoc	SHE	???	_	

(Station ML : 2.0 1	EGYH 0.69 221.1 Pg	22:01:51.081	0.5	T__	4.2	0.3	---	MLv	2.4	14707994	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
	EGYH 0.69 221.1 Sn	22:02:02.553	-1.3	T__			---			14707995	FDSN	HU	--	BUD	iLoc	SHE	???	_
(Station ML : 2.4 0	BUD 0.83 123.2 Lg	22:02:05.609	0.0	T__			---			14707996	FDSN	HU	--	BUD	iLoc	BHE	???	_
	MPLH 0.83 202.4 Pn	22:01:53.561	-0.2	T__	2.3	0.2	---	MLv	2.3	14707997	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
	MPLH 0.83 202.4 Sn	22:02:06.154	-1.0	T__			---			14707998	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 2.3 1	JAVC 0.95 346.6 Sn	22:02:11.380	1.2	T__			---			14707999	FDSN	CZ	--	BUD	iLoc	BHE	???	_
	JAVC 0.95 346.6 Pn	22:01:56.900	1.3	T__			---			14708000	FDSN	IR	--	ISC	iLoc	???	???	_
	JAVC 0.95 346.6 Lg	22:02:09.800	0.8	T__		8.3	0.42	---		14708002	FDSN	IR	--	ISC	iLoc	???	???	_
	ET1H 1.26 92.1 Pn	22:02:00.482	0.7	T__	1.8	0.0	---	MLv	1.8	14708003	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
	ET1H 1.26 92.1 Sn	22:02:17.747	0.2	T__			---			14708004	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Station ML : 1.8 0	PSZ 1.27 90.3 Pn	22:02:01.976	1.8	T__	1.6	0.0	---	MLv	1.9	14708005	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
	PSZ 1.27 90.3 Sn	22:02:17.800	-0.5	T__			---			14708006	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 1	CONA 1.44 270.3 Pn	22:02:03.562	1.1	T__	1.4	0.1	---	MLv	2.2	14708007	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
	CONA 1.44 270.3 Sn	22:02:22.559	0.3	T__			---			14708008	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.2 1	KRUC 1.55 317.0 Pn	22:02:04.700	0.9	T__			---			14708009	FDSN	IR	--	ISC	iLoc	???	???	_
	KRUC 1.55 317.0 Sn	22:02:25.300	0.9	T__		1.7	0.34	---		14708011	FDSN	IR	--	ISC	iLoc	???	???	_
	KRUC 1.55 317.0 Lg	22:02:25.400	-1.7	T__			---			14708012	FDSN	IR	--	ISC	iLoc	???	???	_
	KRUC 1.55 317.0 Pg	22:02:05.060	-1.3	T__	1.1	0.0	---	MLv	2.0	14708013	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
	KRUC 1.55 317.0 Sg	22:02:26.377	-0.7	T__			---			14708014	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML : 2.0 1	VRAC 1.66 326.2 Pn	22:02:06.200	1.0	T__			---			14708015	FDSN	IR	--	ISC	iLoc	???	???	_
	VRAC 1.66 326.2 Pn	22:02:06.300	1.0	T__			---			14708016	FDSN	IR	--	ISC	iLoc	???	???	_
	VRAC 1.66 326.2 Sn	22:02:28.100	1.1	T__		1.4	0.27	---		14708017	FDSN	IR	--	ISC	iLoc	???	???	_
	VRAC 1.66 326.2 Lg	22:02:28.200	-2.2	T__			---			14708018	FDSN	IR	--	ISC	iLoc	???	???	_
	VRAC 1.66 326.2 Pb	22:02:06.897	-1.4	T__	1.5	0.0	---	MLv	2.1	14708019	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 1	ARSA 1.81 248.6 Pg	22:02:15.421	3.5	T__		1.0	0.22	---		14708020	FDSN	IR	--	ISC	iLoc	???	???	_
	ARSA 1.81 248.6 Lg	22:02:35.906	0.0	T__		2.6	0.42	---		14708021	FDSN	IR	--	ISC	iLoc	???	???	_
	CKRC 2.61 291.0 Lg	22:02:59.500	-0.6	T__			---			14708022	FDSN	IR	--	ISC	iLoc	???	???	_
	KHC 3.17 293.7 Lg	22:03:16.200	-1.4	T__			---			14708023	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
2016/03/07	08:51:37.62	0.42	0.36	46.2823	21.6756	4.3	1.6	116	5.8F	1.9	11	206	0.02	1.49	a	ke	BUC	14588395	ISC			360
2016/03/07	08:51:37.38	1.50	0.68	46.3010	21.6911	10.3	4.2	126	1.4F	10.5	19	6	201	0.04	1.51	m	ke	BUD	14708066	iLoc		231

Magnitude	Err	Nsta	Author	OrigID
ml	1.5		BUC	14588395
ML	2.0	0.7	3 BUD	14708066

Sta	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	0.04	213.0	Lg	08:51:39.536	-0.1					T__		9.3				14708068	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.04	208.6	Pg	08:51:38.520	-0.1					T__	549.3	12.7		---	MLv	2.5	14708069	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.5 1	BZS	0.68	183.0	Pg	08:51:51.005	0.2				T__	1.8	0.0		---	MLv	1.5	14708070	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
	BZS	0.68	183.0	Lg	08:52:00.243	-0.4				T__				---		14708071	FDSN	RO	--	BUD	iLoc	BHE	???	_	

BZS	0.69	184.4	Sg	08:51:59.785	-1.0	T__	---	14708072	FDSN	IR	--	ISC	iLoc	???	???	_				
(Station ML : 1.5 1																				
DRGR	0.86	54.8	Pg	08:51:55.007	0.5	T__	---	14708073	FDSN	IR	--	ISC	iLoc	???	???	_				
DRGR	0.86	54.8	Lg	08:52:06.720	-1.6	T__	---	14708075	FDSN	IR	--	ISC	iLoc	???	???	_				
GZR	1.18	139.7	Pn	08:51:59.900	-0.1	T__	0.1	---	14708076	FDSN	IR	--	ISC	iLoc	???	???	_			
GZR	1.18	139.7	Pg	08:52:00.375	0.3	T__	---	14708077	FDSN	IR	--	ISC	iLoc	???	???	_				
GZR	1.18	139.7	Pg	08:52:00.375	0.3	T__	0.1	---	14708078	FDSN	IR	--	ISC	iLoc	???	???	_			
GZR	1.18	139.7	Pb	08:52:00.570	0.5	T__	2.5	0.1	---	MLv	2.0	14708079	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.18	139.7	Lg	08:52:16.527	-0.4	T__	---	14708080	FDSN	RO	--	BUD	iLoc	BHZ	???	_				
GZR	1.18	139.7	Sg	08:52:16.739	-0.1	T__	0.1	---	14708081	FDSN	IR	--	ISC	iLoc	???	???	_			
(Station ML : 2.0 1																				
CJR	1.38	71.9	Sn	08:52:23.011	-0.4	T__	---	14708082	FDSN	IR	--	ISC	iLoc	???	???	_				
HERR	1.51	160.0	Pn	08:52:05.279	0.8	T__	---	14708084	FDSN	IR	--	ISC	iLoc	???	???	_				
HERR	1.51	160.0	Sn	08:52:25.255	-0.5	T__	---	14708086	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
2016/03/07	11:01:15.15	0.96	1.29	48.5172	19.3552	5.2	3.9	0	5.4F	10.6	18	7	117	0.24	1.17	m	ke BUD	14708104	iLoc			174

Magnitude	Err	Nsta	Author	OrigID
M	1.5	4	BUD	14708104

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
IZAB	0.24	77.6	Pg	11:01:20.082	-0.1					T__						14708106	FDSN	SK	--	BUD	iLoc	EHN	???	_
IZAB	0.24	77.6	Lg	11:01:24.032	0.1					T__						14708107	FDSN	SK	--	BUD	iLoc	EHN	???	_
VYHS	0.35	266.3	Pg	11:01:21.912	-0.3					T__						14708108	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.35	266.3	Lg	11:01:26.708	-0.8					T__						14708109	FDSN	SK	--	BUD	iLoc	HHN	???	_
LANS	0.64	6.7	Pg	11:01:27.509	-0.2					T__						14708110	FDSN	SK	--	BUD	iLoc	EHZ	???	_
LANS	0.64	6.7	Lg	11:01:35.200	-2.0					T__	0.1					14708111	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	0.64	6.7	Sg	11:01:35.526	-1.7					T__						14708112	FDSN	SK	--	BUD	iLoc	EHE	???	_
PSZ	0.70	148.8	Lg	11:01:39.479	-1.3					T__						14708113	FDSN	GE	--	BUD	iLoc	BHE	???	_
PSZ	0.70	148.8	Sg	11:01:39.800	-1.0					T__						14708114	FDSN	IR	--	ISC	iLoc	???	???	_
KECS	0.75	92.2	Pg	11:01:29.533	-0.5					T__						14708115	FDSN	SK	--	BUD	iLoc	EHN	???	_
KECS	0.75	92.2	Lg	11:01:40.313	-1.0					T__						14708116	FDSN	SK	--	BUD	iLoc	EHN	???	_
NIE	1.10	34.3	Pn	11:01:37.100	0.8					T__						14708117	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	1.10	34.3	Lg	11:01:50.950	-0.6					T__						14708118	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	1.10	34.6	Pg	11:01:36.482	0.7					T__						14708119	FDSN	PL	--	BUD	iLoc	BHZ	???	_
JAVC	1.17	287.7	Pg	11:01:38.550	0.4					T__						14708120	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	1.17	287.7	Sn	11:01:54.528	0.1					T__						14708121	FDSN	CZ	--	BUD	iLoc	BHN	???	_
JAVC	1.17	287.7	Pb	11:01:40.100	1.9					T__						14708122	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.17	287.7	Lg	11:01:52.400	-2.5					T__						14708123	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	
2016/03/07	12:32:47.87	1.30	0.63	48.3165	21.2672	16.4	5.0	5	11.2F	1.1	11	6	173	0.55	1.07	m	ke BUD	14708124	iLoc				227

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	5 BUD	14708124

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



KECS	0.55	288.1	Pg	12:32:59.187	0.3	T__	2.9	0.2	___	MLv	2.2	14708126	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
(Station ML : 2.2 1																					
TRPA	0.87	101.9	Lg	12:33:18.800	-0.2	T__		0.1	---			14708127	FDSN	IR	--	ISC	iLoc	???	???	_	
TRPA	0.87	101.9	Pg	12:33:05.052	0.4	T__	5.0	0.1	---	MLv	2.0	14708128	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
TRPA	0.87	101.9	Sg	12:33:18.123	-0.9	T__			---			14708129	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.0 1																					
PSZ	1.00	247.1	Pg	12:33:08.937	0.2	T__	2.9	0.1	---	MLv	1.8	14708130	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	1.00	247.1	Sn	12:33:21.518	-0.9	T__			---			14708131	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																					
LTVH	1.03	155.2	Pn	12:33:07.497	0.0	T__	2.3	0.2	---	MLv	2.3	14708132	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
LTVH	1.03	155.2	Sn	12:33:23.278	0.5	T__			---			14708133	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 2.3 0																					
ET1H	1.03	245.5	Pn	12:33:07.948	0.5	T__	3.9	0.0	---	MLv	1.7	14708134	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	1.03	245.5	Sn	12:33:22.376	-0.5	T__			---			14708135	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.7 0																					
IZAB	1.07	284.3	Lg	12:33:23.700	-0.2	T__			---			14708136	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
2016/03/07	13:38:40.27	0.22	0.65	46.0284	22.8411	2.0	1.6	91	3.0A		24	66		0.15	2.28	a	ke BUC	14588452	ISC			360
2016/03/07	13:38:39.33	0.93	0.56	46.0535	22.8012	3.8	3.1	90	1.9F	9.1	37	13	69	0.18	2.28	m	ke BUD	14708159	iLoc			112

Magnitude	Err	Nsta	Author	OrigID
m1	1.9		BUC	14588452
M	1.9	5	BUD	14708159

Sta	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	157.9	Pg	13:38:43.020	0.2				T__							14708161	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DEV	0.18	157.9	Lg	13:38:45.921	0.5				T__							14708162	FDSN	RO	--	BUD	iLoc	BHE	???	_
DEV	0.18	157.2	Pb	13:38:42.852	-0.0				T__							14708163	FDSN	IR	--	ISC	iLoc	???	???	_
DEV	0.18	157.2	Pb	13:38:42.852	-0.0				T__			0.9				14708164	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	0.66	181.5	Pg	13:38:52.346	0.2				T__							14708165	FDSN	RO	--	BUD	iLoc	BHZ	???	_
GZR	0.66	181.5	Lg	13:39:01.691	0.1				T__			0.2				14708166	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.74	355.2	Pg	13:38:54.162	-0.0				T__							14708167	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.74	355.2	Lg	13:39:05.264	-0.9				T__							14708169	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.74	355.2	Sg	13:39:05.156	-1.1				T__							14708170	FDSN	RO	--	BUD	iLoc	BHE	???	_
SIRR	0.82	285.4	Pg	13:38:56.118	0.2				T__							14708171	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.82	285.4	Lg	13:39:09.199	0.8				T__							14708172	FDSN	RO	--	BUD	iLoc	BHZ	???	_
LOT	0.91	131.4	Lg	13:39:10.204	0.2				T__			0.1				14708173	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	0.91	131.5	Pg	13:38:56.970	0.1				T__							14708174	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.92	242.2	Pg	13:38:57.578	0.3				T__							14708175	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.94	242.6	Pb	13:38:57.691	0.1				T__							14708176	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.94	242.6	Lg	13:39:11.095	0.0				T__							14708178	FDSN	IR	--	ISC	iLoc	???	???	_
MESR	1.10	5.3	Sn	13:39:18.411	0.2				T__							14708179	FDSN	IR	--	ISC	iLoc	???	???	_
MESR	1.10	5.3	Sn	13:39:18.411	0.2				T__			0.2				14708180	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.20	193.2	Pg	13:39:02.613	0.3				T__							14708181	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.20	193.2	Pg	13:39:02.613	0.3				T__			0.1				14708182	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.20	193.2	Sn	13:39:19.986	-0.2				T__			0.1				14708183	FDSN	IR	--	ISC	iLoc	???	???	_
ARR	1.46	117.5	Pn	13:39:05.960	-0.3				T__							14708184	FDSN	IR	--	ISC	iLoc	???	???	_
ARR	1.46	117.5	Sn	13:39:25.632	-1.7				T__							14708186	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.49	211.5	Pg	13:39:08.170	-0.1				T__							14708187	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.49	211.5	Pg	13:39:08.170	-0.1				T__			0.1				14708188	FDSN	IR	--	ISC	iLoc	???	???	_

MDVR	1.49	211.5	Lg	13:39:29.116	-0.3	T__	0.1	---	14708189	FDSN	IR	--	ISC	iLoc	???	???	_
ARCR	1.49	45.5	Pg	13:39:08.650	0.6	T__		---	14708190	FDSN	IR	--	ISC	iLoc	???	???	_
ARCR	1.49	45.5	Pg	13:39:08.650	0.6	T__	0.1	---	14708191	FDSN	IR	--	ISC	iLoc	???	???	_
ARCR	1.49	45.5	Lg	13:39:29.604	-0.5	T__	0.1	---	14708192	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	1.69	110.6	Pn	13:39:10.307	0.6	T__		---	14708193	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	1.69	110.6	Sn	13:39:33.116	-0.4	T__		---	14708195	FDSN	IR	--	ISC	iLoc	???	???	_
BURAR	2.28	45.8	Sn	13:39:49.022	1.0	T__		---	14708196	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
2016/03/07	20:03:51.92	1.34	0.70	47.3154	18.3782	8.1	5.5	68	5.9F	10.7	13	8	168	0.09	1.12	m	ke BUD	14708198	iLoc			228

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	14708198

Sta	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	301.0	Pg	20:03:54.422	0.1					T__	36.6	0.7		---	MLv	1.4	14708200	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_							
CSKK	0.09	301.0	Lg	20:03:55.781	-0.5					T__				---		14708201	FDSN	HU	--	BUD	iLoc	SHE	???	_								
				(Station ML	:	1.4	0																									
A269A	0.32	0.5	Lg	20:04:03.467	-0.2					T__				---		14708202	FDSN	Z3	00	BUD	iLoc	HHN	???	_								
A268A	0.33	290.7	Lg	20:04:03.282	-0.6					T__				---		14708203	FDSN	Z3	00	BUD	iLoc	HHN	???	_								
A267A	0.38	169.1	Lg	20:04:06.207	0.8					T__				---		14708204	FDSN	Z3	00	BUD	iLoc	HHN	???	_								
TIH	0.53	219.1	Pg	20:04:01.992	-0.7					T__	1.7	0.2		---	MLv	2.0	14708205	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_							
TIH	0.53	219.1	Lg	20:04:10.392	-0.4					T__				---		14708206	FDSN	HU	--	BUD	iLoc	SHZ	???	_								
				(Station ML	:	2.0	1																									
MPLH	0.59	256.0	Pg	20:04:04.247	0.5					T__	1.8	0.1		---	MLv	1.8	14708207	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_							
MPLH	0.59	256.0	Lg	20:04:12.719	0.2					T__				---		14708208	FDSN	HU	--	BUD	iLoc	BHZ	???	_								
				(Station ML	:	1.8	1																									
EGYH	0.72	278.5	Pn	20:04:07.591	0.2					T__	1.5	0.1		---	MLv	1.7	14708209	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_							
EGYH	0.72	278.5	Lg	20:04:18.107	1.3					T__				---		14708210	FDSN	HU	--	BUD	iLoc	SHZ	???	_								
				(Station ML	:	1.7	1																									
MORH	1.12	170.5	Pg	20:04:14.256	0.3					T__	1.7	0.1		---	MLv	2.0	14708211	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_							
MORH	1.12	170.5	Sn	20:04:28.473	-0.7					T__				---		14708212	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	
2016/03/07	21:33:20.76	1.41	0.55	47.3273	18.3620	9.7	6.9	66	6.2F	11.3	9	7	165	0.08	1.25	m	ke BUD	14708234	iLoc				230

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.08	297.6	Pg	21:33:22.864	-0.1					T__	30.9	0.4		---	MLv	1.1	14708236	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	297.6	Lg	21:33:24.496	-0.2					T__				---		14708237	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
A269A	0.31	2.5	Lg	21:33:32.557	0.5					T__				---		14708238	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
A268A	0.32	289.4	Lg	21:33:31.991	-0.3					T__				---		14708239	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
A267A	0.39	167.8	Lg	21:33:34.680	-0.1					T__				---		14708240	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.58	254.6	Lg	21:33:42.043	0.9					T__				---		14708241	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	1.13	170.0	Pg	21:33:43.299	0.2					T__	1.5	0.1		---	MLv	2.1	14708242	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
MORH	1.13	170.0	Sn	21:33:58.020	-0.3					T__				---		14708243	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.25	188.4	Sn	21:34:01.167	-0.4					T__				---		14708244	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
2016/03/07	22:48:51.43	1.70	0.18	47.3057	18.3153	13.5	7.2	69	5.0A		5	4	154	0.07	0.38	m	ke BUD	14708247	iLoc			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	
CSKK	0.07	327.2	Pg	22:48:53.268	-0.1					T__	15.1	0.2		---	MLv	0.8	14708249	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	327.2	Lg	22:48:54.886	-0.0					T__				---			14708250	FDSN	HU	--	BUD	iLoc	HHZ	???	_
A268A	0.29	295.4	Lg	22:49:02.327	0.2					T__				---			14708251	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A269A	0.34	7.7	Lg	22:49:03.675	0.1					T__				---			14708252	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A267A	0.38	162.4	Lg	22:49:05.023	0.1					T__				---			14708253	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
2016/03/09	09:25:42.59	1.67	1.13	48.2433	19.0843	13.0	6.6	33	5.0A		6	3	206	0.30	0.63	m	ke BUD	14708265	iLoc			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	
VYHS	0.30	326.7	Pg	09:25:48.987	0.2					T__				---			14708267	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.30	326.7	Lg	09:25:52.202	-1.2					T__				---			14708268	FDSN	SK	--	BUD	iLoc	HHN	???	_
IZAB	0.53	51.9	Pg	09:25:53.754	0.5					T__				---			14708269	FDSN	SK	--	BUD	iLoc	EHN	???	_
IZAB	0.53	51.9	Lg	09:26:00.286	-0.8					T__				---			14708270	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.63	120.6	Pg	09:25:55.737	-0.3					T__				---			14708271	FDSN	GE	--	BUD	iLoc	BHN	???	_
PSZ	0.63	120.6	Sn	09:26:09.973	1.2					T__				---			14708272	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
2016/03/09	10:39:28.47	1.03	0.84	47.0029	17.7078	10.3	4.3	61	6.1F	11.3	13	5	162	0.16	1.02	m	ke BUD	14708273	iLoc			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	
TIH	0.16	129.0	Pg	10:39:31.600	-0.6					T__		1.0		---			14708275	FDSN	IR	--	ISC	iLoc	???	???	_
TIH	0.16	129.0	Lg	10:39:34.700	-0.3					T__		1.0		---			14708276	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	0.20	325.6	Pg	10:39:32.600	-0.4					T__		0.2		---			14708277	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	0.20	325.6	Pb	10:39:34.021	1.1					T__	5.0	0.5		---	MLv	1.6	14708278	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.20	325.6	Lg	10:39:34.900	-1.5					T__		0.2		---			14708279	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	0.20	325.6	Sg	10:39:36.502	0.3					T__				---			14708280	FDSN	HU	--	BUD	iLoc	HHE	???	_
A268A	0.45	18.9	Pg	10:39:37.835	0.1					T__	2.9	0.1		---	MLv	1.6	14708281	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.45	18.9	Lg	10:39:44.306	-0.2					T__				---			14708282	FDSN	Z3	00	BUD	iLoc	HHN	???	_
KOVH	0.95	163.4	Pg	10:39:47.500	-0.2					T__		0.0		---			14708283	FDSN	IR	--	ISC	iLoc	???	???	_
KOVH	0.95	163.4	Lg	10:40:01.954	0.5					T__				---			14708284	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.02	140.3	Lg	10:40:03.680	0.4					T__				---			14708285	FDSN	HU	--	BUD	iLoc	HHZ	???	_
MORH	1.02	140.4	Pg	10:39:48.500	-0.2					T__		0.0		---			14708286	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.02	140.4	Sn	10:40:02.200	-1.3					T__		0.0		---			14708287	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
2016/03/09	14:26:50.47	1.50	0.41	48.4833	20.3524	9.2	5.8	173	5.0A		6	3	168	0.09	0.64	m	ke BUD	14708297	iLoc			286

Magnitude	Err	Nsta	Author	OrigID
M	1.8	3	BUD	14708297

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.09	90.0	Pg	14:26:52.733	0.1					T__	33.7				MLv	1.9	14708299	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.09	90.0	Lg	14:26:54.097	-0.2					T__						14708300	FDSN	SK	--	BUD	iLoc	EHN	???	_	
IZAB	0.43	281.6	Pg	14:26:59.585	0.3					T__						14708301	FDSN	SK	--	BUD	iLoc	EHN	???	_	
IZAB	0.43	281.6	Lg	14:27:05.194	-0.5					T__						14708302	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	0.64	208.6	Pg	14:27:04.289	0.2					T__	4.3		0.1		MLv	1.9	14708303	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.64	208.6	Lg	14:27:13.912	-0.2					T__						14708304	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
2016/03/10	10:51:36.80	0.22	0.36	46.1118	21.8164	2.1	1.4	82	5.0A		8		131	0.19	0.98	a	ke BUC	14588554	ISC			360
2016/03/10	10:51:36.22	0.93	1.00	46.1271	21.8167	9.2	4.4	98	6.8F	12.9	15	4	128	0.17	1.00	m	ke BUD	14708307	iLoc			208

Magnitude	Err	Nsta	Author	OrigID
ml	1.2		BUC	14588554
MLv	1.4	0.3	3 BUD	14708307

Sta	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	0.17	322.4	Pg	10:51:40.235	-0.0					T__						14708309	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.17	322.4	Lg	10:51:42.929	-0.5					T__						14708310	FDSN	RO	--	BUD	iLoc	BHE	???	_
SIRR	0.18	322.2	Sg	10:51:43.044	-0.4					T__		0.2				14708311	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.52	193.7	Pg	10:51:46.775	0.2					T__						14708312	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.52	193.7	Lg	10:51:53.844	-0.5					T__						14708313	FDSN	RO	--	BUD	iLoc	BHE	???	_
BZS	0.53	195.4	Pb	10:51:46.907	0.2					T__						14708314	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.91	42.6	Pg	10:51:54.902	0.6					T__						14708316	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.91	42.6	Sn	10:52:07.406	-1.7					T__						14708318	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.91	42.6	Pn	10:51:56.250	1.7					T__						14708319	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	0.91	42.6	Lg	10:52:07.577	-1.4					T__						14708320	FDSN	RO	--	BUD	iLoc	BHE	???	_
GZR	1.00	137.2	Pn	10:51:56.129	0.6					T__						14708321	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.00	137.2	Lg	10:52:08.807	-1.1					T__						14708323	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
2016/03/10	21:05:25.93	3.22	1.36	45.5922	18.1145	21.1	18.6	32	5.0A		4	2	328	0.50	0.73	m	ke BUD	14708324	iLoc			360

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	0.50	358.8	Pg	21:05:36.538	0.4					T__						14708326	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KOVH	0.50	358.8	Lg	21:05:42.930	-0.9					T__						14708327	FDSN	HU	--	BUD	iLoc	BHE	???	_
MORH	0.73	30.5	Pg	21:05:39.987	-0.4					T__						14708328	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MORH	0.73	30.5	Lg	21:05:52.148	0.9					T__						14708329	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
2016/03/11	10:08:07.27	1.16	0.92	48.5736	20.8051	8.5	5.9	5	0.0A	10	6	131	0.23	1.77	m	ke	BUD	14708330	iLoc		244	

Magnitude	Err	Nsta	Author	OrigID
M	1.8	5	BUD	14708330

Sta	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	247.0	Pg	10:08:12.440	0.4					T__						14708332	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.23	247.0	Lg	10:08:16.113	0.3					T__						14708333	FDSN	SK	--	BUD	iLoc	EHZ	???	_
IZAB	0.73	270.0	Pg	10:08:22.466	0.7					T__						14708334	FDSN	SK	--	BUD	iLoc	EHN	???	_
IZAB	0.73	270.0	Lg	10:08:31.512	-0.9					T__						14708335	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.89	223.2	Pn	10:08:26.985	0.6					T__						14708336	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.89	223.2	Lg	10:08:38.948	-1.0					T__						14708337	FDSN	GE	--	BUD	iLoc	BHN	???	_
LANS	1.06	303.7	Pg	10:08:27.941	-0.0					T__						14708338	FDSN	SK	--	BUD	iLoc	EHZ	???	_
TRPA	1.24	110.3	Pg	10:08:31.816	0.7					T__						14708339	FDSN	HU	--	BUD	iLoc	BHZ	???	_
TRPA	1.24	110.3	Sn	10:08:48.917	-1.5					T__						14708340	FDSN	HU	--	BUD	iLoc	BHE	???	_
OJC	1.77	338.6	Pn	10:08:39.491	0.5					T__						14708341	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	
2016/03/14	09:23:37.76	1.33	0.45	48.3998	19.1138	7.8	4.3	24	1.2F	12.6	12	6	86	0.21	1.19	m	ke	BUD	14708557	iLoc		163	

Magnitude	Err	Nsta	Author	OrigID
M	1.5	3	BUD	14708557

Sta	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	0.21	297.1	Pg	09:23:41.805	-0.3					T__	63.8	0.2		MLv	1.2	14708559	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.21	297.1	Lg	09:23:46.118	0.8					T__						14708560	FDSN	SK	--	BUD	iLoc	HHE	???	_
IZAB	0.43	66.8	Pg	09:23:46.620	0.1					T__						14708561	FDSN	SK	--	BUD	iLoc	EHN	???	_
IZAB	0.43	66.8	Lg	09:23:53.358	0.5					T__						14708562	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.71	132.4	Pg	09:23:52.697	-0.0					T__	2.2	0.1		MLv	1.7	14708563	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.71	132.4	Lg	09:24:03.316	-0.5					T__						14708564	FDSN	GE	--	BUD	iLoc	BHE	???	_
LANS	0.79	17.2	Pg	09:23:52.627	-0.6					T__						14708565	FDSN	SK	--	BUD	iLoc	EHZ	???	_
JAVC	1.06	296.2	Pn	09:23:59.185	0.2					T__						14708566	FDSN	CZ	--	BUD	iLoc	BHN	???	_
JAVC	1.06	296.2	Sn	09:24:15.075	-0.2					T__						14708567	FDSN	CZ	--	BUD	iLoc	BHE	???	_
JAVC	1.06	296.2	Pg	09:23:58.600	-0.1					T__						14708568	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.06	296.2	Lg	09:24:13.800	-0.1					T__						14708569	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	1.19	209.3	Sn	09:24:17.978	0.0					T__						14708570	FDSN	HU	--	BUD	iLoc	SHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/03/14	12:10:48.13	1.10	0.68	48.8081	21.6287	8.7	7.1	20	25.4F	8.2	11	7	97	0.15	2.15	m	ke	BUD	14708573	iLoc		187	

Magnitude	Err	Nsta	Author	OrigID	
ML	2.0	0.2	6	BUD	14708573

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

CRVS	0.15	310.5	Pg	12:10:53.442	0.1	T__	20.9	0.2	---	MLv	1.0	14708575	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.15	310.5	Lg	12:10:57.420	-0.3	T__			---			14708576	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.0 0)																				
TRPA	0.91	137.9	Pn	12:11:05.338	0.2	T__	2.0	0.1	---	MLv	2.0	14708577	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.91	137.9	Sn	12:11:19.121	0.3	T__			---			14708578	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 1)																				
NIE	1.06	305.8	Pg	12:11:08.958	0.8	T__	2.1	0.0	---	MLv	1.7	14708579	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 1)																				
KWP	1.09	40.3	Sn	12:11:22.762	-0.9	T__			---			14708580	FDSN	PL	--	BUD	iLoc	BHE	???	_
PSZ	1.46	233.1	Pn	12:11:13.497	0.7	T__	2.5	0.1	---	MLv	2.3	14708581	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.46	233.1	Sn	12:11:31.699	-0.8	T__			---			14708582	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.3 1)																				
ET1H	1.50	232.2	Pn	12:11:12.502	-0.6	T__	1.3	0.0	---	MLv	2.0	14708583	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.50	232.2	Sn	12:11:32.666	-0.4	T__			---			14708584	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Station ML : 2.0 1)																				
DRGR	2.15	159.7	Pg	12:11:30.069	0.2	T__	2.6	0.1	---	MLv	2.5	14708585	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/03/15	12:00:22.60	1.17	0.55	48.5009	19.3737	4.7	3.9	17	4.5F	10.4	19	10	77	0.24	1.36	m	ke BUD	14708611	iLoc			105

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	6 BUD	14708611

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
IZAB	0.24	73.1	Pg	12:00:27.800	0.3					T__						14708613	FDSN	IR	--	ISC	iLoc	???	???	_	
IZAB	0.24	73.1	Lg	12:00:31.500	0.4					T__						14708614	FDSN	IR	--	ISC	iLoc	???	???	_	
VYHS	0.36	269.1	Pg	12:00:29.784	-0.1					T__	4.9	0.0		---	MLv	0.7	14708615	FDSN	SK	--	BUD	HHE	HHZ	_	
VYHS	0.36	269.1	Lg	12:00:34.455	-0.9					T__				---		14708616	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.7 0)																									
LANS	0.65	5.4	Lg	12:00:44.100	-1.0					T__				---		14708617	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.68	149.0	Pg	12:00:37.305	0.4					T__	1.1	0.1		---	MLv	1.6	14708618	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.68	149.0	Lg	12:00:47.177	-0.4					T__				---		14708619	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1)																									
ET1H	0.71	151.7	Pn	12:00:38.044	-0.2					T__	1.3	0.0		---	MLv	1.6	14708620	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.71	151.7	Lg	12:00:47.792	-0.4					T__				---		14708621	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.6 1)																									
KECS	0.74	91.0	Pg	12:00:37.429	0.2					T__	3.7	0.3		---	MLv	2.4	14708622	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.74	91.0	Lg	12:00:48.037	-0.2					T__				---		14708623	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.4 0)																									
SRO	0.99	226.3	Sn	12:00:57.069	-0.1					T__				---		14708624	FDSN	SK	--	BUD	iLoc	EHE	???	_	
NIE	1.11	33.6	Pn	12:00:44.078	0.0					T__	3.8	0.0		---	MLv	1.8	14708625	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.11	33.6	Lg	12:00:58.894	-0.5					T__				---		14708626	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1)																									
JAVC	1.18	288.3	Pg	12:00:47.098	1.2					T__	2.2	0.1		---	MLv	2.1	14708627	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	1.18	288.3	Lg	12:01:02.856	-0.2					T__				---		14708628	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
JAVC	1.18	288.3	Pn	12:00:45.500	0.3					T__				---		14708629	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	1.18	288.3	Sn	12:01:02.100	-0.4					T__				---		14708630	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.1 1)																									
CSKK	1.36	213.7	Lg	12:01:08.649	-0.2					T__				---		14708631	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
2016/03/15	18:46:34.40	0.11	0.17	47.8398	17.1910	1.9	0.9	152	7.6F	0.9	20	137	0.12	1.52	a	ke	IPEC	14588899	ISC			360
2016/03/15	18:46:34.80	0.00		47.8500	17.1700				0.0A		14				a	ke	PRU	14588906	ISC			360
2016/03/15	18:46:34.56	0.17	0.57	47.8247	17.1839	1.3	0.8	145	14.6F	1.4	33	7	0.89	1.26	a	ke	VIE	14588902	ISC			360
2016/03/15	18:46:34.02	0.98	0.94	47.8358	17.2158	3.4	3.1	47	8.1F	7.5	40	15	75	0.37	2.75	m	ke	BUD	14708657	iLoc		103

Magnitude	Err	Nsta	Author	OrigID
ML	1.5		IPEC	14588899
mb	1.6		VIE	14588902
ml	1.7		VIE	14588902
ML	2.2	0.1	11 BUD	14708657

Sta	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	0.37	348.1	Pg	18:46:42.267	0.6					T__	2.7	1.9		___	MLv	2.6	14708659	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
ZST	0.37	348.1	Lg	18:46:48.112	0.9					T__				___		14708660	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 2.6 0																										
EGYH	0.43	169.4	Pg	18:46:42.278	-0.5					T__	2.2	0.2		___	MLv	1.7	14708661	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
EGYH	0.43	169.4	Lg	18:46:47.903	-1.4					T__				___		14708662	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 1.7 0																										
SOP	0.47	251.3	Pg	18:46:43.170	-0.4					T__	2.8	0.1		___	MLv	1.6	14708663	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
SOP	0.47	251.3	Lg	18:46:49.799	-0.8					T__				___		14708664	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.6 0																										
A268A	0.63	130.0	Pg	18:46:46.933	0.3					T__	2.8	0.1		___	MLv	1.9	14708665	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A268A	0.63	130.0	Lg	18:46:56.093	0.2					T__				___		14708666	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 1.9 1																										
MPLH	0.70	161.6	Pg	18:46:48.254	0.2					T__	1.4	0.2		___	MLv	2.2	14708667	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.70	161.6	Lg	18:46:58.137	-0.2					T__				___		14708668	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.2 1																										
SRO	0.74	91.3	Pg	18:46:48.312	-0.5					T__	5.0	0.6		___	MLv	2.7	14708669	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
SRO	0.74	91.3	Lg	18:46:59.605	0.2					T__				___		14708670	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Station ML : 2.7 0																										
A269A	0.81	103.6	Pg	18:46:49.531	-0.7					T__	2.5	0.2		___	MLv	2.2	14708671	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A269A	0.81	103.6	Lg	18:47:01.362	-0.3					T__				___		14708672	FDSN	Z3	00	BUD	iLoc	HHZ	???	_		
(Station ML : 2.2 1																										
A261A	0.89	183.0	Lg	18:47:04.535	0.3					T__				___		14708673	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
CONA	0.92	276.3	Pg	18:46:52.024	-0.3					T__	1.5	0.1		___	MLv	1.9	14708674	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
CONA	0.92	276.3	Sn	18:47:06.463	-0.0					T__				___		14708675	FDSN	OE	--	BUD	iLoc	BHN	???	_		
CONA	0.92	276.3	Pb	18:46:52.166	-0.1					T__		0.4	0.12	___		14708676	FDSN	IR	--	ISC	iLoc	???	???	_		
CONA	0.92	276.3	Lg	18:47:05.000	-0.1					T__		3.6	0.32	___		14708677	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.9 1																										
JAVC	1.07	16.3	Pn	18:46:55.378	0.9					T__	1.2	0.1		___	MLv	2.2	14708678	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
JAVC	1.07	16.3	Pg	18:46:55.100	-0.0					T__				___		14708679	FDSN	IR	--	ISC	iLoc	???	???	_		
JAVC	1.07	16.3	Lg	18:47:08.100	-1.8					T__		8.5	0.89	___		14708681	FDSN	IR	--	ISC	iLoc	???	???	_		
JAVC	1.07	16.3	Sg	18:47:08.200	-1.7					T__				___		14708682	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.2 1																										
ARSA	1.29	243.6	Pg	18:46:59.386	0.3					T__		0.3	0.12	___		14708683	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.29	243.6	Sn	18:47:15.627	0.6					T__		1.4	0.20	___		14708684	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.29	243.6	Pb	18:46:59.570	0.4					T__	2.8	0.1		___	MLv	2.1	14708685	FDSN	OE	--	BUD	iLoc	BHN	BHZ	_	
ARSA	1.29	243.6	Lg	18:47:15.819	-0.6					T__				___		14708686	FDSN	OE	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.1 1																										
KRUC	1.34	336.3	Pn	18:46:58.900	0.9					T__				___		14708687	FDSN	IR	--	ISC	iLoc	???	???	_		
KRUC	1.34	336.3	Pn	18:46:59.000	0.9					T__				___		14708688	FDSN	IR	--	ISC	iLoc	???	???	_		

KRUC	1.34	336.3	Sn	18:47:16.200	-0.1	T__										4.1	0.37	---		14708689	FDSN	IR	--	ISC	iLoc	???	???	_		
KRUC	1.34	336.3	Pb	18:46:59.296	-0.4	T__	1.6									0.1		---	MLv	2.2	14708690	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
KRUC	1.34	336.3	Lg	18:47:17.549	0.1	T__												---			14708691	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.2 1																														
VRAC	1.53	344.6	Pn	18:47:01.800	1.2	T__												---			14708692	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.53	344.6	Sn	18:47:22.000	1.2	T__												3.3	0.42	---		14708694	FDSN	IR	--	ISC	iLoc	???	???	_
CKRC	2.18	298.0	Pg	18:47:13.700	-1.5	T__												---			14708695	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	2.18	298.0	Lg	18:47:45.200	1.7	T__												---			14708696	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	2.75	299.5	Pg	18:47:23.500	-2.6	T__												---			14708697	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	2.75	299.5	Lg	18:48:02.200	0.8	T__												---			14708698	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
2016/03/16	08:23:09.96	4.61	0.09	47.4456	18.0384	33.2	11.1	96	5.0A		4	3	261	0.17	0.58	m	kx BUD	14709267	iLoc			329

Magnitude Err Nsta Author OrigID

Sta	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	118.5	Pg	08:23:13.406	0.0					T__	19.6	0.4		---	MLv	1.4	14709269	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.17	118.5	Sg	08:23:15.659	0.0					T__				---		14709270	FDSN	HU	--	BUD	iLoc	SHE	???	_	
A269A	0.30	50.2	Sb	08:23:23.128	-0.0					T__				---		14709271	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A267A	0.58	148.6	Sb	08:23:31.139	-0.1					T__				---		14709272	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
2016/03/16	08:32:50.56	1.06	0.59	48.5037	19.3240	8.4	3.9	11	4.5F	11.2	13	6	147	0.27	1.15	m	ke BUD	14709274	iLoc			167

Magnitude Err Nsta Author OrigID

ML 1.8 0.1 5 BUD 14709274

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L			
IZAB	0.27	75.7	Pg	08:32:56.000	-0.1					T__				---		14709276	FDSN	IR	--	ISC	iLoc	???	???	_			
IZAB	0.27	75.7	Lg	08:33:00.100	-0.0					T__				---		14709277	FDSN	IR	--	ISC	iLoc	???	???	_			
VYHS	0.32	268.5	Pg	08:32:56.889	-0.3					T__	3.8	0.0		---	MLv	0.6	14709278	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VYHS	0.32	268.5	Lg	08:33:01.654	-0.5					T__				---		14709279	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
(Station ML : 0.6 0																											
PSZ	0.70	146.7	Pg	08:33:05.200	-0.1					T__	1.6	0.1		---	MLv	1.8	14709280	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_		
PSZ	0.70	146.7	Lg	08:33:15.711	-0.5					T__				---		14709281	FDSN	GE	--	BUD	iLoc	BHN	???	_			
(Station ML : 1.8 1																											
ET1H	0.72	149.4	Pn	08:33:07.037	0.6					T__	1.3	0.1		---	MLv	1.7	14709282	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
(Station ML : 1.7 1																											
KECS	0.77	91.1	Pg	08:33:05.477	-0.3					T__	2.4	0.2		---	MLv	2.2	14709283	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_		
KECS	0.77	91.1	Lg	08:33:16.474	-0.9					T__				---		14709284	FDSN	SK	--	BUD	iLoc	EHE	???	_			
(Station ML : 2.2 1																											
JAVC	1.15	288.6	Pg	08:33:13.561	0.3					T__	1.4	0.1		---	MLv	2.3	14709285	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_		
JAVC	1.15	288.6	Sn	08:33:29.288	-0.4					T__				---		14709286	FDSN	CZ	--	BUD	iLoc	BHE	???	_			
JAVC	1.15	288.6	Pb	08:33:13.700	0.4					T__				---		14709287	FDSN	IR	--	ISC	iLoc	???	???	_			
JAVC	1.15	288.6	Lg	08:33:29.000	-0.9					T__				---		14709288	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
2016/03/16	10:23:05.30	2.92	0.82	48.5756	20.7410	16.6	5.7	111	0.2F	8.4	11	6	164	0.19	1.02	m	ke BUD	14709310	iLoc			275

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	14709310

Sta	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	0.19	241.5	Pg	10:23:09.575	0.3				T__		22.7	1.8		___	MLv	2.1	14709312	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	241.5	Lg	10:23:13.121	0.7				T__					---		14709313	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.1 1																									
CRVS	0.58	55.3	Pg	10:23:16.689	0.4				T__		1.0	0.0		___	MLv	1.1	14709314	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.58	55.3	Lg	10:23:25.105	-0.7				T__					---		14709315	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Station ML : 1.1 1																									
IZAB	0.68	269.8	Lg	10:23:28.600	-0.3				T__					---		14709316	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.87	221.0	Pg	10:23:23.750	0.3				T__		2.3	0.1		___	MLv	1.8	14709317	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	221.0	Lg	10:23:35.530	-1.4				T__					---		14709318	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 1																									
ET1H	0.91	220.2	Pn	10:23:24.700	0.3				T__		1.7	0.1		___	MLv	1.8	14709319	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	220.2	Lg	10:23:37.110	-0.9				T__					---		14709320	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.8 1																									
LANS	1.02	304.9	Pg	10:23:25.300	0.0				T__			0.0		---		14709321	FDSN	IR	--	ISC	iLoc	???	???	_	
LANS	1.02	304.9	Lg	10:23:39.600	-0.6				T__			0.0		---		14709322	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
2016/03/16	11:08:32.01	1.36	0.96	47.3159	17.6298	6.3	5.0	151	0.0A		9	7	122	0.16	1.27	m	ke BUD	14709342	iLoc			146

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	4 BUD	14709342

Sta	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	202.9	Pg	11:08:35.732	-0.1				T__		9.8	0.8		___	MLv	1.6	14709344	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.16	202.9	Lg	11:08:39.189	0.4				T__					---		14709345	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
EGYH	0.23	296.5	Lg	11:08:42.560	1.4				T__					---		14709346	FDSN	HU	--	BUD	iLoc	SHE	???	_	
A268A	0.23	59.9	Pg	11:08:37.105	-0.1				T__		5.1	0.2		___	MLv	1.2	14709347	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.23	59.9	Lg	11:08:41.548	0.3				T__					---		14709348	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.2 1																									
CSKK	0.43	83.5	Lg	11:08:48.718	0.7				T__					---		14709349	FDSN	HU	--	BUD	iLoc	SHE	???	_	
A260A	0.63	267.4	Pg	11:08:45.241	0.3				T__		4.4	0.7		___	MLv	2.7	14709350	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.7 1																									
SOP	0.81	297.2	Pg	11:08:46.959	-1.5				T__		1.6	0.1		___	MLv	1.8	14709351	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.8 1																									
KOVH	1.27	165.1	Lg	11:09:15.520	-0.6				T__					---		14709352	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
2016/03/16	12:05:57.14	2.46	0.24	47.1886	18.5623	18.3	15.0	83	0.0A		4	2	318	0.27	0.70	m	kx BUD	14709370	iLoc			360
2016/03/16	12:06:01.00f		1.62	47.2302	18.2835f				0.0S		4		270	0.13	0.51	a	kx BUD_GT	14759271	BUD			360

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

Magnitude Err Nsta Author OrigID

Sta	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	353.4	Pg	12:06:03.010	-1.3					T__		0.1		---	MLv	14759541	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.13	353.4	Lg	12:06:07.917	0.9					T__				---		14759542	FDSN	HU	--	BUD	BUD	HHN	???	_
MPLH	0.51	263.5	Pg	12:06:13.256	1.6					T__		0.1		---	MLv	14759543	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.51	263.5	Lg	12:06:21.938	2.3					T__				---		14759544	FDSN	HU	--	BUD	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
2016/03/17	21:50:44.02	1.19	0.85	45.6721	21.1082	5.4	4.2	143	10.7F	12.8	18	11	73	0.29	2.14	m	ke BUD	14709378	iLoc			110

Magnitude Err Nsta Author OrigID  
M 2.2 8 BUD 14709378

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
BANR	0.29	176.0	Pg	21:50:50.225	0.1					T__				---		14709380	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BANR	0.29	176.0	Lg	21:50:56.317	1.6					T__				---		14709381	FDSN	RO	--	BUD	iLoc	BHN	???	_
BZS	0.38	97.9	Pg	21:50:51.330	-0.4					T__				---		14709382	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.38	97.9	Lg	21:50:56.652	-0.8					T__				---		14709383	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.71	32.9	Pg	21:50:57.687	-0.8					T__				---		14709384	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.71	32.9	Lg	21:51:08.225	-1.0					T__				---		14709385	FDSN	RO	--	BUD	iLoc	BHN	???	_
AMBH	0.73	338.7	Pg	21:50:59.391	0.4					T__				---		14709386	FDSN	HU	--	BUD	iLoc	SHZ	???	_
AMBH	0.73	338.7	Sn	21:51:10.898	0.1					T__				---		14709387	FDSN	HU	--	BUD	iLoc	SHN	???	_
FRGS	1.05	239.5	Pn	21:51:03.120	-0.3					T__				---		14709388	FDSN	SJ	--	BUD	iLoc	HHZ	???	_
FRGS	1.05	239.5	Sn	21:51:18.014	-0.9					T__				---		14709389	FDSN	SJ	--	BUD	iLoc	HHE	???	_
GZR	1.21	102.8	Pg	21:51:06.785	-0.3					T__				---		14709390	FDSN	RO	--	BUD	iLoc	BHZ	???	_
GZR	1.21	102.8	Sn	21:51:22.986	0.1					T__				---		14709391	FDSN	RO	--	BUD	iLoc	BHN	???	_
DEV	1.27	79.6	Pg	21:51:08.637	0.3					T__				---		14709392	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	1.58	44.2	Pn	21:51:12.172	0.9					T__				---		14709393	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	1.58	44.2	Sn	21:51:34.112	1.4					T__				---		14709394	FDSN	RO	--	BUD	iLoc	BHE	???	_
DIVS	1.76	207.2	Lg	21:51:40.049	-1.0					T__				---		14709395	FDSN	MN	--	BUD	iLoc	BHN	???	_
CJR	2.02	58.1	Pg	21:51:22.562	-0.5					T__				---		14709396	FDSN	RO	--	BUD	iLoc	BHZ	???	_
KOVH	2.14	282.3	Pg	21:51:25.350	0.1					T__				---		14709397	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
2016/03/18	10:10:42.97	1.41	0.99	48.6523	20.5607	11.2	6.9	95	18.3F	9.3	11	6	208	0.18	1.16	m	ke BUD	14709585	iLoc			293

Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 5 BUD 14709585

Sta	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	196.5	Pg	10:10:48.363	0.5					T__	133.9	2.2		---	MLv	2.1	14709587	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.18	196.5	Lg	10:10:50.642	-0.9					T__				---		14709588	FDSN	SK	--	BUD	iLoc	EHE	???	_	
		(Station ML : 2.1 0																							
IZAB	0.57	261.9	Pg	10:10:55.800	1.1					T__				---		14709589	FDSN	IR	--	ISC	iLoc	???	???	_	

IZAB	0.57	261.9	Lg	10:11:02.600	-0.5	T__									14709590	FDSN	IR	--	ISC	iLoc	???	???	_		
NIE	0.78	348.1	Pn	10:10:58.864	0.3	T__	2.1	0.0							MLv	1.6	14709591	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.78	348.1	Lg	10:11:08.206	-1.1	T__										14709592	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
PSZ	0.86	211.5	Pg	10:11:01.803	0.8	T__	2.0	0.1							MLv	1.8	14709593	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	211.5	Sn	10:11:12.220	-0.7	T__										14709594	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 1																									
ET1H	0.90	211.0	Pg	10:11:02.526	0.8	T__	1.4	0.1							MLv	1.7	14709595	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.90	211.0	Sn	10:11:13.214	-0.4	T__										14709596	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.7 1																									
VYHS	1.16	262.8	Sn	10:11:07.269	-12.7		5.5	0.0							MLv	0.9	14709597	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.16	262.8	Lg	10:11:21.004	-1.1	T__										14709598	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	
2016/03/18	21:58:18.94	1.14	1.06	45.8540	21.2157	4.5	3.4	23	9.5F	8.6	43	33	84	0.38	4.64	m	ke	BUD	14709620	iLoc			143

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.1	27 BUD	14709620

Sta	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	0.38	128.2	Pg	21:58:26.067	-0.6					T__	179.0	2.9			MLv	2.8	14709622	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.38	128.2	Lg	21:58:31.470	-0.9					T__						14709623	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.8 0																									
BANR	0.47	186.7	Pg	21:58:28.960	0.5					T__	44.9	2.6			MLv	3.0	14709624	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BANR	0.47	186.7	Lg	21:58:36.883	1.4					T__						14709625	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 3.0 1																									
SIRR	0.52	37.0	Pg	21:58:28.765	-0.9					T__	136.2	4.5			MLv	3.4	14709626	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.52	37.0	Lg	21:58:36.481	-1.3					T__						14709627	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 3.4 1																									
AMBH	0.60	325.7	Pg	21:58:31.720	0.1					T__	24.6	1.8			MLv	3.1	14709628	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 3.1 1																									
DEV	1.18	87.8	Pg	21:58:40.975	-0.5					T__	30.6	1.2			MLv	3.2	14709629	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	1.18	87.8	Sn	21:58:57.563	0.7					T__						14709630	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 3.2 1																									
GZR	1.19	112.3	Pn	21:58:41.000	0.5					T__	108.1	1.6			MLv	3.4	14709631	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.19	112.3	Sn	21:58:57.091	-0.6					T__						14709632	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 3.4 1																									
DRGR	1.40	47.3	Pn	21:58:44.029	0.2					T__	14.5	0.4			MLv	2.9	14709633	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.40	47.3	Sn	21:59:03.357	0.0					T__						14709634	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.9 1																									
BSZH	1.59	336.0	Pg	21:58:51.909	0.7					T__						14709635	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
LTVH	1.60	16.9	Pn	21:58:38.239	-8.3											14709636	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
LTVH	1.60	16.9	Sn	21:59:08.155	0.2					T__						14709637	FDSN	HU	--	BUD	iLoc	SHE	???	_	
A272A	1.80	300.5	Pn	21:58:49.791	0.9					T__	4.5	0.3			MLv	3.0	14709638	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.0 1																									
LOT	1.84	101.9	Pg	21:58:52.948	-1.1					T__	11.8	0.4			MLv	3.1	14709639	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
LOT	1.84	101.9	Sn	21:59:16.340	1.8					T__						14709640	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 3.1 1																									
CJR	1.86	61.7	Pn	21:58:51.062	0.6					T__	11.5	0.6			MLv	3.3	14709641	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.3 1																									
A271A	2.10	309.2	Sn	21:59:20.268	0.8					T__						14709642	FDSN	Z3	--	BUD	iLoc	HHN	???	_	

A266A	2.16	289.2	Lg	21:59:29.013	-2.0	T__								14709643	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A267A	2.18	301.0	Sn	21:59:20.750	-0.8	T__								14709644	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KOVH	2.19	277.3	Pn	21:58:54.308	-0.2	T__	7.4	0.2						14709645	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	2.19	277.3	Lg	21:59:28.842	-3.0	T__								14709646	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.9 1																							
BUD	2.22	318.0	Pn	21:58:55.771	0.8	T__	3.2	0.1						14709647	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.8 0																							
ET1H	2.23	336.0	Pn	21:58:55.342	0.2	T__	3.3	0.1						14709648	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_	
(Station ML : 2.7 0																							
PSZ	2.26	336.8	Pn	21:58:56.003	0.2	T__	4.0	0.1						14709649	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.8 0																							
TRPA	2.45	21.2	Pn	21:58:58.557	-0.1	T__	2.7	0.1						14709650	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
TRPA	2.45	21.2	Pg	21:59:08.013	1.7	T__								14709651	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.9 1																							
TIH	2.53	295.6	Pn	21:58:58.078	-1.2	T__	4.9	0.3						14709652	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
(Station ML : 3.4 1																							
A268A	2.76	306.0	Pn	21:59:03.278	0.7	T__	7.7	0.2						14709653	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 3.3 1																							
SRO	2.79	315.6	Pn	21:59:04.148	1.2	T__	5.3	0.5						14709654	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
(Station ML : 3.8 0																							
A263A	2.82	287.6	Pn	21:59:03.529	0.1	T__	4.7	0.2						14709655	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 3.5 0																							
MPLH	2.86	298.7	Pn	21:59:04.996	1.1	T__	2.2	0.2						14709656	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 3.3 1																							
EGYH	3.10	301.7	Pn	21:59:08.723	1.4	T__	2.0	0.1						14709657	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
EGYH	3.10	301.7	Sn	21:59:45.512	1.3	T__								14709658	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 3.3 1																							
VYHS	3.10	329.3	Pn	21:59:08.289	0.9	T__	6.6	0.0						14709659	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.1 0																							
BEHE	3.15	282.9	Pn	21:59:08.141	-0.1	T__	4.5	0.2						14709660	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 3.6 0																							
BURAR	3.27	55.4	Pn	21:59:11.914	1.2	T__								14709661	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
CRES	4.02	271.7	Pn	21:59:19.942	-0.4	T__	1.6	0.1						14709662	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 3.7 0																							
CDNA	4.22	301.4	Pn	21:59:24.438	1.4	T__	2.0	0.1						14709663	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 3.4 1																							
KRUC	4.58	316.2	Pn	21:59:27.710	-0.3	T__	2.1	0.1						14709664	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 3.4 1																							
MORC	4.64	329.1	Pn	21:59:29.486	0.5	T__	1.1	0.1						14709665	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/03/21	07:44:30.87	0.77	0.57	46.2978	21.6520	7.2	2.5	116	6.7F	2.6	9	234	0.03	1.52	a	ke	BUC	14590010	ISC			360
2016/03/21	07:44:30.67	1.47	0.88	46.3060	21.6697	15.0	3.9	118	3.9F	6.8	19	5 225	0.04	1.52	m	ke	BUD	14709818	iLoc			309

Magnitude	Err	Nsta	Author	OrigID
ml	1.9		BUC	14590010
M	1.7	4	BUD	14709818

Sta	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	0.04	190.2	Pg	07:44:32.512	0.5					T__						14709820	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.04	190.2	Pg	07:44:32.512	0.5					T__		8.6				14709821	FDSN	IR	--	ISC	iLoc	???	???	_

SIRR	0.04	190.2	Lg	07:44:32.970	-0.3	T__	8.6	---	14709822	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.04	186.5	Pb	07:44:31.919	-0.2	T__		---	14709823	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.69	181.7	Pn	07:44:45.022	-0.7	T__		---	14709824	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.69	181.7	Sg	07:44:54.897	0.8	T__		---	14709825	FDSN	RO	--	BUD	iLoc	BHE	???	_
BZS	0.69	183.1	Pg	07:44:44.621	0.4	T__		---	14709826	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.69	183.1	Lg	07:44:53.793	-0.5	T__		---	14709828	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.87	55.6	Pg	07:44:48.575	0.6	T__		---	14709829	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.87	55.6	Lg	07:44:59.637	-2.3	T__		---	14709831	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.87	55.6	Pn	07:44:50.251	1.5	T__		---	14709832	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	0.87	55.6	Sg	07:45:01.539	-0.4	T__		---	14709833	FDSN	RO	--	BUD	iLoc	BHE	???	_
GZR	1.20	139.3	Pg	07:44:54.185	0.6	T__		---	14709834	FDSN	RO	--	BUD	iLoc	BHZ	???	_
GZR	1.20	139.3	Sn	07:45:10.824	-0.0	T__	0.1	---	14709835	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.20	139.3	Lg	07:45:11.169	-0.1	T__		---	14709836	FDSN	RO	--	BUD	iLoc	BHN	???	_
MDVR	1.52	178.8	Sn	07:45:18.606	-0.5	T__		---	14709837	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
2016/03/24	08:38:45.32	2.20	0.51	47.9346	20.0271	16.7	6.9	137	1.3F	20.1	7	4	213	0.09	0.97	m	kx	BUD	14709939	iLoc		296
2016/03/24	08:38:44.13f		0.48	47.8987	20.0893f				0.0S		7		238	0.13	1.03	a	kx	BUD_GT	14759273	BUD		316

(locality : Recsk)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD	14709939
ML	1.3	0.3	3 BUD	14759273

Sta	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	08:38:47.438	-0.1					T__		0.8		---	MLv	14759547	FDSN	GE	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.13	278.6	Lg	08:38:50.248	-0.1					T__				---		14759548	FDSN	GE	--	BUD	BUD	BHN	???	_
ET1H	0.15	262.5	Pg	08:38:47.753	0.0					T__		0.4		---	MLv	14759549	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.15	262.5	Lg	08:38:50.596	0.0					T__				---		14759550	FDSN	HU	--	BUD	BUD	HHN	???	_
KECS	0.64	24.2	Lg	08:39:07.561	0.7					T__				---		14759551	FDSN	SK	--	BUD	BUD	EHN	???	_
VYHS	1.03	305.9	Pn	08:39:05.056	0.2					T__		0.0		---	MLv	14759552	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.03	305.9	Lg	08:39:18.910	-1.0					T__				---		14759553	FDSN	SK	--	BUD	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
2016/03/24	16:54:49.70	0.71	0.36	47.3195	17.6934	5.0	3.7	107	15.0F	0.0	14		2	1.38	1.47	a	ke	VIE	14590847	ISC		360
2016/03/24	16:54:50.39	1.04	0.88	47.3039	17.5874	4.3	4.0	29	9.1F	6.7	24	13	74	0.14	1.56	m	ke	BUD	14709961	iLoc		105

Magnitude	Err	Nsta	Author	OrigID
mb	1.7		VIE	14590847
ml	1.7		VIE	14590847
ML	2.0	0.2	11 BUD	14709961

Sta	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	193.7	Pg	16:54:53.299	-0.5					T__	36.8	3.9		---	MLv	2.3	14709963	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.14	193.7	Lg	16:54:55.740	-0.7					T__				---			14709964	FDSN	HU	--	BUD	iLoc	BHE	???	_

(Station ML : 2.3 1

EGYH	0.21	303.0	Pg	16:54:54.911	-0.1					T__	11.2	0.9		---	MLv	1.8	14709965	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
------	------	-------	----	--------------	------	--	--	--	--	-----	------	-----	--	-----	-----	-----	----------	------	----	----	-----	------	-----	-----	---

EGYH	0.21	303.0	Lg	16:54:58.808	0.3	T__	---	---	14709966	FDSN	HU	--	BUD	iLoc	SHE	???	_			
(Station ML	:	1.8	1																	
A268A	0.26	60.8	Pg	16:54:56.021	-0.0	T__	6.5	0.3	---	MLv	1.5	14709967	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_
A268A	0.26	60.8	Lg	16:55:01.169	0.9	T__	---	---	---	---	---	14709968	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML	:	1.5	0																	
TIH	0.45	153.0	Lg	16:55:06.213	-0.4	T__	---	---	---	---	---	14709969	FDSN	HU	--	BUD	iLoc	SHN	???	_
SR0	0.71	43.7	Pn	16:55:05.158	-0.2	T__	2.8	0.9	---	MLv	2.8	14709970	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.71	43.7	Sn	16:55:17.013	-0.1	T__	---	---	---	---	---	14709971	FDSN	SK	--	BUD	iLoc	EHT	???	_
(Station ML	:	2.8	0																	
SOP	0.79	298.9	Pn	16:55:06.895	0.2	T__	2.0	0.1	---	MLv	1.9	14709972	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.79	298.9	Lg	16:55:18.503	1.1	T__	---	---	---	---	---	14709973	FDSN	HU	--	BUD	iLoc	BHT	???	_
(Station ML	:	1.9	1																	
ZST	0.95	340.0	Pn	16:55:08.958	0.1	T__	1.4	0.8	---	MLv	2.9	14709974	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.95	340.0	Lg	16:55:21.858	-0.3	T__	---	---	---	---	---	14709975	FDSN	SK	--	BUD	iLoc	HHT	???	_
(Station ML	:	2.9	0																	
BUD	0.99	79.0	Pg	16:55:10.186	-0.1	T__	2.0	0.1	---	MLv	2.0	14709976	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML	:	2.0	1																	
KOVH	1.27	163.6	Pg	16:55:15.615	0.1	T__	1.5	0.0	---	MLv	1.9	14709977	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.27	163.6	Lg	16:55:31.824	-1.2	T__	---	---	---	---	---	14709978	FDSN	HU	--	BUD	iLoc	BHT	???	_
(Station ML	:	1.9	1																	
CONA	1.32	298.8	Pn	16:55:14.466	0.3	T__	1.4	0.1	---	MLv	2.0	14709979	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.32	298.8	Sn	16:55:33.393	0.7	T__	---	---	---	---	---	14709980	FDSN	OE	--	BUD	iLoc	BHR	???	_
CONA	1.32	298.8	Pg	16:55:14.721	-1.8	T__	---	2.2	0.38	---	---	14709981	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.32	298.8	Lg	16:55:33.190	-1.2	T__	---	1.4	0.22	---	---	14709982	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	:	2.0	1																	
ARSA	1.41	268.6	Pn	16:55:16.303	1.2	T__	1.9	0.1	---	MLv	2.1	14709983	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.41	268.6	Sn	16:55:35.122	0.9	T__	---	0.3	0.27	---	---	14709984	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	:	2.1	1																	
VYHS	1.46	34.7	Pg	16:55:17.713	-1.3	T__	5.8	0.0	---	MLv	1.1	14709985	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	1.1	0																	
JAVC	1.56	2.0	Sn	16:55:39.348	1.2	T__	---	---	---	---	---	14709986	FDSN	CZ	--	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
2016/03/25	10:12:12.83	3.46	0.23	46.2790	18.2165	34.8	6.8	152	0.0A		4	2	258	0.21	0.30	m	kx	BUD	14710553	iLoc		360
2016/03/25	10:12:11.69f		4.07	46.1204	18.0243f				0.0S		4		315	0.06	0.44	a	kx	BUD_GT	14759275	BUD		360

(GT info : GT2 explosion)  
(locality : Bükkösd I.)

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	0.06	121.4	Pg	10:12:16.715	3.1					T__						14759556	FDSN	HU	--	BUD	BUD	BHZ	???	_
KOVH	0.06	121.4	Lg	10:12:19.642	4.4					T__						14759557	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.44	77.3	Pg	10:12:18.708	-2.3					T__						14759558	FDSN	HU	--	BUD	BUD	BHZ	???	_
MORH	0.44	77.3	Lg	10:12:22.445	-5.7					T__						14759559	FDSN	HU	--	BUD	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
2016/03/29	10:11:41.55	1.37	0.92	48.5320	20.7901	7.6	4.2	145	1.8F	12.0	15	8	115	0.21	1.30	m	ke	BUD	14711065	iLoc		173

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.0 5 BUD 14711065

Sta	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	256.5	Pg	10:11:45.992	0.2					T__	29.6	2.2		---	MLv	2.2	14711067	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	256.5	Lg	10:11:49.692	0.6					T__				---		14711068	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 2.2 0)																									
CRVS	0.58	49.9	Pg	10:11:52.949	0.5					T__	2.2	0.0		---	MLv	1.3	14711069	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.58	49.9	Lg	10:12:00.999	-0.9					T__				---		14711070	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.3 1)																									
IZAB	0.72	273.4	Pg	10:11:55.200	-0.7					T__				---		14711071	FDSN	IR	--	ISC	iLoc	???	???	_	
IZAB	0.72	273.4	Lg	10:12:04.700	-1.6					T__				---		14711072	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.86	224.6	Pn	10:11:59.955	0.1					T__	1.2	0.1		---	MLv	1.9	14711073	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	224.6	Lg	10:12:12.661	-0.1					T__				---		14711074	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1)																									
ET1H	0.90	223.6	Pg	10:12:00.565	0.4					T__	1.2	0.1		---	MLv	1.9	14711075	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.90	223.6	Sn	10:12:15.138	0.2					T__				---		14711076	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.9 1)																									
NIE	0.94	340.7	Pn	10:12:02.414	1.3					T__				---		14711077	FDSN	PL	--	BUD	iLoc	BHZ	???	_	
NIE	0.94	340.7	Lg	10:12:12.340	-0.5					T__				---		14711078	FDSN	PL	--	BUD	iLoc	BHN	???	_	
TRPA	1.23	108.4	Sn	10:12:22.725	-1.3					T__				---		14711079	FDSN	HU	--	BUD	iLoc	BHE	???	_	
VYHS	1.30	269.1	Pn	10:12:06.681	0.8					T__	2.0	0.0		---	MLv	0.8	14711080	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	269.1	Sn	10:12:24.648	-0.5					T__				---		14711081	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  
 2016/03/31 09:14:07.72 1.42 0.60 48.6954 18.0696 12.8 4.3 21 7.8F 10.6 11 6 190 0.31 1.15 m ke BUD 14711103 iLoc 205

Magnitude Err Nsta Author OrigID  
 MLv 1.4 0.8 2 BUD 14711103

Sta	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	0.31	302.0	Pg	09:14:14.213	-0.1					T__				---		14711105	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	0.31	302.0	Lg	09:14:19.196	0.0					T__				---		14711106	FDSN	CZ	--	BUD	iLoc	BHN	???	_
VYHS	0.55	111.3	Pg	09:14:19.278	0.5					T__				---		14711107	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.55	111.3	Lg	09:14:26.102	-0.9					T__				---		14711108	FDSN	SK	--	BUD	iLoc	HHE	???	_
LANS	1.03	63.2	Pg	09:14:28.398	0.5					T__				---		14711109	FDSN	SK	--	BUD	iLoc	EHZ	???	_
LANS	1.03	63.2	Lg	09:14:42.556	0.2					T__				---		14711110	FDSN	SK	--	BUD	iLoc	EHE	???	_
IZAB	1.10	96.0	Sn	09:14:43.895	-0.6					T__				---		14711111	FDSN	SK	--	BUD	iLoc	EHN	???	_
MORC	1.14	342.5	Pg	09:14:28.856	0.0					T__				---		14711112	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
MORC	1.14	342.5	Lg	09:14:44.069	-0.7					T__				---		14711113	FDSN	CZ	--	BUD	iLoc	BHE	???	_
VRAC	1.15	302.8	Pg	09:14:29.722	0.3					T__				---		14711114	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
VRAC	1.15	302.8	Sn	09:14:46.009	0.6					T__				---		14711115	FDSN	CZ	--	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  
 2016/03/31 09:25:35.89 3.66 1.92 48.0223 18.3723 27.4 10.2 4 0.0A 5 3 273 0.56 1.05 m ke BUD 14711116 iLoc 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
VYHS	0.56	33.1	Pg	09:25:46.591	-0.8					T__						14711118	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.56	33.1	Lg	09:25:57.530	1.7					T__						14711119	FDSN	SK	--	BUD	iLoc	HHE	???	_
JAVC	0.96	331.1	Pn	09:25:56.916	1.0					T__						14711120	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	0.96	331.1	Lg	09:26:08.019	-1.2					T__						14711121	FDSN	CZ	--	BUD	iLoc	BHN	???	_
IZAB	1.05	58.1	Lg	09:26:10.985	-1.2					T__						14711122	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
2016/03/31	10:14:42.37	4.00	0.46	48.5701	20.8061	23.1	9.8	85	3.6F	14.6	8	5	279	0.23	1.31	m	ke BUD	14711123	iLoc			313

Magnitude	Err	Nsta	Author	OrigID
M	1.4	4	BUD	14711123

Sta	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	247.9	Pg	10:14:47.480	0.4					T__						14711125	FDSN	SK	--	BUD	iLoc	EHN	???	_
KECS	0.23	247.9	Lg	10:14:51.038	0.3					T__						14711126	FDSN	SK	--	BUD	iLoc	EHZ	???	_
IZAB	0.73	270.3	Lg	10:15:06.775	-0.7					T__						14711127	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.89	223.4	Pg	10:15:00.764	-0.3					T__						14711128	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.89	223.4	Lg	10:15:14.583	0.0					T__						14711129	FDSN	GE	--	BUD	iLoc	BHN	???	_
LANS	1.06	303.8	Pg	10:15:03.201	0.1					T__						14711130	FDSN	SK	--	BUD	iLoc	EHZ	???	_
VYHS	1.31	267.4	Pg	10:15:08.370	-0.1					T__						14711131	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	1.31	267.4	Sn	10:15:26.063	0.2					T__						14711132	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
2016/04/01	09:06:09.46	1.21	0.77	48.4206	17.1889	5.6	3.6	105	6.9F	8.9	20	12	79	0.23	1.88	m	ke BUD	14711133	iLoc			96

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	10 BUD	14711133

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZST	0.23	194.4	Pg	09:06:13.932	-0.6					T__	7.6	5.4		MLv	2.7	14711135	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
ZST	0.23	194.4	Lg	09:06:18.486	0.3					T__						14711136	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Station ML : 2.7 0																									
JAVC	0.54	35.9	Pg	09:06:20.281	-0.2					T__	6.0	0.3		MLv	2.3	14711137	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
JAVC	0.54	35.9	Lg	09:06:27.646	-0.9					T__						14711138	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.3 1																									
KRUC	0.83	321.0	Pg	09:06:25.520	0.4					T__	3.3	0.1		MLv	1.9	14711139	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
KRUC	0.83	321.0	Sn	09:06:38.237	-1.4					T__						14711140	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 0																									
SOP	0.85	210.1	Sn	09:06:40.984	0.8					T__						14711141	FDSN	HU	--	BUD	iLoc	BHE	???	_	
VRAC	0.97	336.3	Pn	09:06:28.744	0.3					T__	3.2	0.1		MLv	2.0	14711142	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
VRAC	0.97	336.3	Sn	09:06:44.081	1.1					T__						14711143	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.0 1																									
EGYH	1.01	174.5	Pg	09:06:30.225	0.7					T__	2.3	0.2		MLv	2.4	14711144	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
EGYH	1.01	174.5	Lg	09:06:43.335	-0.0					T__						14711145	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.4 0																									
CONA	1.02	241.5	Pn	09:06:29.359	0.1					T__	2.7	0.1		MLv	2.1	14711146	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	



CONA	1.02	241.5	Sn	09:06:43.996	-0.7	T__	---	14711147	FDSN	OE	--	BUD	iLoc	BHE	???	_				
(Station ML : 2.1 1																				
VYHS	1.10	85.6	Pn	09:06:29.705	-0.6	T__	8.7	0.0	---	MLv	1.2	14711148	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.10	85.6	Sn	09:06:45.389	-0.9	T__	---	---	---	---	---	14711149	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 1.2 0																				
MPLH	1.27	169.2	Pg	09:06:34.586	-0.0	T__	2.1	0.1	---	MLv	2.1	14711150	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 1																				
MORC	1.38	9.6	Pg	09:06:35.229	0.1	T__	1.3	0.1	---	MLv	2.0	14711151	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	1.38	9.6	Lg	09:06:54.926	0.8	T__	---	---	---	---	---	14711152	FDSN	CZ	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 1																				
ARSA	1.62	224.4	Lg	09:07:01.942	-0.4	T__	---	---	---	---	---	14711153	FDSN	OE	--	BUD	iLoc	BHN	???	_
PSZ	1.88	104.5	Pg	09:06:48.310	1.3	T__	1.4	0.0	---	MLv	2.2	14711154	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/04/02	02:02:13.00	0.19	0.18	47.5659	16.7642	2.2	1.1	153	12.9F	1.9	17	183	0.18	1.73	a	ke	IPEC	14591513	ISC			360
2016/04/02	02:02:12.70	0.00		47.5800	16.8400				10.0A		8					a	ke	PRU	14591508	ISC		360
2016/04/02	02:02:12.94	0.22	0.54	47.5391	16.7756	1.7	1.0	137	12.9F	1.8	26	48	0.36	0.90	a	ke	VIE	14591510	ISC			360
2016/04/02	02:02:12.23	0.93	0.79	47.5389	16.8027	4.5	3.0	27	5.3F	8.8	29	14	68	0.22	2.10	m	ke	BUD	14711196	iLoc		96

Magnitude	Err	Nsta	Author	OrigID
ML	1.2		IPEC	14591513
ml	1.4		VIE	14591510
ML	1.6	0.1	8 BUD	14711196

Sta	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	0.22	311.2	Pg	02:02:17.414	0.5					T__	2.5	0.1		---	MLv	0.8	14711198	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.22	311.2	Lg	02:02:20.641	0.3					T__	---	---		---	---	---	14711199	FDSN	HU	--	BUD	iLoc	BHT	???	_
(Station ML : 0.8 0																									
A260A	0.26	194.4	Pg	02:02:17.831	0.1					T__	7.7	0.5		---	MLv	1.7	14711200	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.26	194.4	Lg	02:02:22.317	0.4					T__	---	---		---	---	---	14711201	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 1.7 1																									
RONA	0.38	295.3	Pg	02:02:20.373	0.3					T__	---	---		---	---	---	14711202	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.38	295.3	Lg	02:02:25.473	-0.4					T__	---	---		---	---	---	14711203	FDSN	IR	--	ISC	iLoc	???	???	_
EGYH	0.38	108.7	Pg	02:02:20.686	0.6					T__	2.1	0.2		---	MLv	1.6	14711204	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.38	108.7	Lg	02:02:25.984	0.2					T__	---	---		---	---	---	14711205	FDSN	HU	--	BUD	iLoc	SHT	???	_
(Station ML : 1.6 1																									
MPLH	0.62	126.1	Pg	02:02:25.745	1.0					T__	1.4	0.0		---	MLv	1.5	14711206	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.62	126.1	Lg	02:02:33.254	-0.7					T__	---	---		---	---	---	14711207	FDSN	HU	--	BUD	iLoc	BHR	???	_
(Station ML : 1.5 1																									
ZST	0.69	17.0	Lg	02:02:34.755	-1.2					T__	---	---		---	---	---	14711208	FDSN	SK	--	BUD	iLoc	HHR	???	_
CONA	0.75	301.9	Pg	02:02:27.987	0.9					T__	1.1	0.0		---	MLv	1.6	14711209	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.75	301.9	Lg	02:02:38.544	0.3					T__	---	---		---	---	---	14711210	FDSN	OE	--	BUD	iLoc	BHT	???	_
CONA	0.75	301.9	Pb	02:02:26.919	-0.2					T__	---	0.1	0.08	---	---	---	14711211	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.75	301.9	Sg	02:02:37.972	-0.3					T__	---	1.5	0.20	---	---	---	14711212	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.6 1																									
A268A	0.77	97.7	Pg	02:02:26.992	-0.6					T__	2.0	0.1		---	MLv	1.7	14711213	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.77	97.7	Lg	02:02:38.434	-0.3					T__	---	---		---	---	---	14711214	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 1.7 1																									
ARSA	0.92	252.1	Pg	02:02:30.213	0.2					T__	---	0.8	0.12	---	---	---	14711215	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.92	252.1	Lg	02:02:41.741	-1.4					T__	---	3.0	0.30	---	---	---	14711216	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.92	252.1	Pn	02:02:31.413	0.8					T__	2.3	0.0		---	MLv	1.7	14711217	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_

ARSA	0.92	252.1	Sg	02:02:41.565	-1.5	T__	---	14711218	FDSN	OE	--	BUD	iLoc	BHT	???	_
(Station ML : 1.7 1																
CSKK	1.00	99.5	Lg	02:02:45.332	-1.2	T__	---	14711219	FDSN	HU	--	BUD	iLoc	SHT	???	_
SRO	1.06	74.4	Lg	02:02:48.232	0.4	T__	---	14711220	FDSN	SK	--	BUD	iLoc	EHT	???	_
KOGS	1.15	199.3	Pn	02:02:34.506	0.3	T__	1.7 0.3	MLv 2.6	14711221	FDSN	SL	--	BUD	iLoc	BHZ	BHZ
(Station ML : 2.6 0																
KRUC	1.55	350.0	Pn	02:02:40.000	0.6	T__	---	14711222	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.55	350.0	Pn	02:02:40.100	0.6	T__	---	14711223	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.55	350.0	Sn	02:03:00.700	0.4	T__	1.3 0.28	---	14711224	FDSN	IR	--	ISC	iLoc	???	???
KRUC	1.55	350.0	Lg	02:03:00.848	-1.7	T__	---	14711225	FDSN	CZ	--	BUD	iLoc	BHR	???	_
CKRC	2.10	308.5	Lg	02:03:19.900	-0.2	T__	---	14711226	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
2016/04/03	19:53:27.11	1.18	0.60	46.2054	16.3598	9.6	4.0	86	8.0F	0.0	11	32	1.03	1.19	a	ke	VIE	14591543	ISC			360
2016/04/03	19:53:22.73	0.97	1.18	46.1641	16.6689	4.3	4.1	66	8.0F	7.6	26	12	73	0.15	1.37	m	ke	BUD	14711265	iLoc		122

Magnitude	Err	Nsta	Author	OrigID
ml	1.1		VIE	14591543
ML	1.7 0.1	6	BUD	14711265

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KALN	0.15	257.6	Pg	19:53:26.360	-0.1				T__							14711267	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.15	257.6	Lg	19:53:28.910	-0.5				T__							14711268	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.32	13.5	Pg	19:53:29.554	0.1				T__	7.1	0.3			MLv	1.6	14711269	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.32	13.5	Lg	19:53:34.603	0.1				T__							14711270	FDSN	HU	--	BUD	iLoc	BHT	???	_
(Station ML : 1.6 1																								
KOGS	0.41	314.5	Pg	19:53:31.174	0.2				T__	2.4	0.3			MLv	1.9	14711271	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.41	314.5	Lg	19:53:36.824	-0.3				T__							14711272	FDSN	SL	--	BUD	iLoc	BHT	???	_
(Station ML : 1.9 1																								
LOB0	0.42	269.0	Pg	19:53:31.500	0.2				T__							14711273	FDSN	IR	--	ISC	iLoc	???	???	_
LOB0	0.42	269.0	Lg	19:53:36.320	-1.4				T__							14711274	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	0.55	242.5	Pg	19:53:34.706	1.0				T__	1.7	0.0			MLv	1.4	14711275	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.55	242.5	Lg	19:53:42.169	0.1				T__							14711276	FDSN	CR	--	BUD	iLoc	BHT	???	_
PTJ	0.55	242.5	Pb	19:53:34.030	0.0				T__							14711277	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	0.55	242.5	Sg	19:53:41.510	-1.2				T__							14711278	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.4 0																								
MOSL	0.55	173.8	Pg	19:53:34.320	0.3				T__							14711279	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.55	173.8	Lg	19:53:42.400	-0.0				T__							14711280	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.91	248.6	Pg	19:53:41.077	0.6				T__	0.9	0.1			MLv	1.9	14711281	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.91	248.6	Lg	19:53:54.857	1.2				T__							14711282	FDSN	SL	--	BUD	iLoc	BHR	???	_
(Station ML : 1.9 0																								
KOVH	1.00	93.8	Pn	19:53:41.391	-0.9				---	2.1	0.0			MLv	1.6	14711283	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.00	93.8	Lg	19:53:54.626	-2.4				T__							14711284	FDSN	HU	--	BUD	iLoc	BHT	???	_
(Station ML : 1.6 1																								
A252A	1.10	131.0	Pn	19:53:43.630	-0.2				T__							14711285	FDSN	IR	--	ISC	iLoc	???	???	_
A252A	1.10	131.0	Sn	19:53:58.550	-1.7				T__							14711286	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.24	295.0	Pg	19:53:47.568	1.0				T__		0.2	0.18				14711287	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.24	295.0	Lg	19:54:01.110	-2.7				T__		0.5	0.32				14711288	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.34	324.5	Sn	19:54:05.680	0.1				T__							14711289	FDSN	OE	--	BUD	iLoc	BHR	???	_
ARSA	1.34	324.5	Pg	19:53:49.386	0.6				T__		0.4	0.20				14711290	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.34	324.5	Lg	19:54:05.958	-1.2				T__		0.3	0.18				14711291	FDSN	IR	--	ISC	iLoc	???	???	_

MORH	1.37	87.1	Pn	19:53:49.273	1.9	T__	2.1	0.0	___	MLv	1.7	14711292	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.37	87.1	Sn	19:54:07.771	1.3	T__			---			14711293	FDSN	HU	--	BUD	iLoc	BHT	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/04/04	09:14:48.50	1.72	0.53	48.5357	20.6557	13.2	5.0	119	5.9F	10.0	11	7	195	0.12	1.21	m	ke BUD	14711323	iLoc			233

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	4 BUD	14711323

Sta	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	0.12	245.1	Pg	09:14:50.722	-0.6					T__	11.4	0.8		___	MLv	1.6	14711325	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.12	245.1	Lg	09:14:54.586	1.0					T__				---		14711326	FDSN	SK	--	BUD	iLoc	EHE	???	_	
				(Station ML	:	1.6	1																		
IZAB	0.63	273.4	Lg	09:15:10.400	0.1					T__				---		14711327	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.80	219.8	Lg	09:15:17.117	-0.3					T__				---		14711328	FDSN	GE	--	BUD	iLoc	BHN	???	_	
ET1H	0.84	218.9	Pg	09:15:05.722	-0.3					T__	2.5	0.0		___	MLv	1.5	14711329	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.84	218.9	Lg	09:15:18.754	0.3					T__				---		14711330	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Station ML	:	1.5	1																		
NIE	0.91	345.8	Pn	09:15:07.113	-0.0					T__	2.1	0.0		___	MLv	1.3	14711331	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.91	345.8	Lg	09:15:18.565	-0.3					T__				---		14711332	FDSN	PL	--	BUD	iLoc	BHE	???	_	
				(Station ML	:	1.3	1																		
STHS	0.96	23.5	Pg	09:15:06.300	0.1					T__		0.2		---		14711333	FDSN	IR	--	ISC	iLoc	???	???	_	
VYHS	1.21	268.7	Pn	09:15:11.208	0.1					T__	3.4	0.0		___	MLv	0.8	14711334	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.21	268.7	Sn	09:15:29.173	0.3					T__				---		14711335	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		
2016/04/04	10:50:51.35	1.42	1.12	48.1473	21.2221	8.2	4.4	18	5.2F	12.1	14	7	113	0.60	1.69	m	ke BUD	14711354	iLoc					165

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	7 BUD	14711354

Sta	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	0.60	304.6	Pg	10:51:02.950	-0.2					T__	3.5	0.2		___	MLv	2.2	14711356	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.60	304.6	Lg	10:51:10.884	-1.3					T__				---		14711357	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Station ML	:	2.2	1																		
TRPA	0.88	90.6	Pg	10:51:07.497	-0.8					T__	6.7	0.1		___	MLv	2.1	14711358	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.88	90.6	Lg	10:51:21.690	-1.4					T__				---		14711359	FDSN	HU	--	BUD	iLoc	BHN	???	_	
				(Station ML	:	2.1	1																		
PSZ	0.92	256.1	Pn	10:51:11.135	1.0					T__	4.7	0.1		___	MLv	2.0	14711360	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.92	256.1	Lg	10:51:24.511	-0.2					T__				---		14711361	FDSN	GE	--	BUD	iLoc	BHT	???	_	
				(Station ML	:	2.0	1																		
MASL	1.01	30.4	Pg	10:51:10.767	0.7					T__	14.3	222447017.8		___	MLv	11.4	14711362	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
MASL	1.01	30.4	Lg	10:51:26.260	0.2					T__				---		14711363	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Station ML	:	11.4	0																		
IZAB	1.09	293.3	Pn	10:51:12.654	0.3					T__	3.5	56181097.5		___	MLv	10.9	14711364	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
IZAB	1.09	293.3	Sn	10:51:27.839	-1.0					T__				---		14711365	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Station ML	:	10.9	1																		
NIE	1.41	335.1	Pg	10:51:18.808	1.1					T__	1.7	0.0		___	MLv	1.6	14711366	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_

NIE	1.41	335.1	Sn	10:51:36.178	-1.3	T__	---	14711367	FDSN	PL	--	BUD	iLoc	BHT	???	_				
(Station ML : 1.6 0)																				
DRGR	1.69	142.8	Pn	10:51:22.772	1.6	T__	1.6	0.0	---	MLv	2.0	14711368	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.69	142.8	Sn	10:51:43.489	-0.6	T__	---	---	---	---	---	14711369	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
2016/04/04	11:44:13.30	1.13	0.60	48.3641	18.2395	6.3	4.5	4	6.7F	10.5	15	9	89	0.42	1.49	m	ke	BUD	14711399	iLoc		129

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.8	4 BUD	14711399

Sta	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	0.42	71.7	Pg	11:44:22.150	0.3					T__	16.7	0.0		---	MLv	0.7	14711401	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.42	71.7	Lg	11:44:28.355	0.2					T__				---		14711402	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.7 1)																									
JAVC	0.62	322.9	Pg	11:44:25.837	0.0					T__	1.2	0.1		---	MLv	1.6	14711403	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.62	322.9	Lg	11:44:35.086	0.1					T__				---		14711404	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
JAVC	0.62	322.9	Pb	11:44:25.700	-0.1					T__				---		14711405	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	0.62	322.9	Sg	11:44:34.300	-0.7					T__				---		14711406	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.6 1)																									
ZST	0.78	257.9	Pg	11:44:29.034	0.2					T__	1.8	0.7		---	MLv	2.8	14711407	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.78	257.9	Lg	11:44:40.432	0.4					T__				---		14711408	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.8 1)																									
A268A	0.96	192.9	Lg	11:44:45.289	-0.6					T__				---		14711409	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
IZAB	1.00	77.6	Lg	11:44:46.100	-1.3					T__				---		14711410	FDSN	IR	--	ISC	iLoc	???	???	_	
CSKK	1.00	179.2	Lg	11:44:46.628	-0.8					T__				---		14711411	FDSN	HU	--	BUD	iLoc	SHE	???	_	
PSZ	1.19	111.3	Pn	11:44:36.208	0.5					T__	1.8	0.0		---	MLv	1.8	14711412	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.19	111.3	Sn	11:44:53.154	0.2					T__				---		14711413	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1)																									
ET1H	1.20	113.3	Sn	11:44:53.063	0.5					T__				---		14711414	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORC	1.49	342.3	Sn	11:44:59.843	-0.1					T__				---		14711415	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
2016/04/05	06:08:31.28	1.59	0.54	47.3072	17.6559	7.8	7.6	47	0.0A		5	3	145	0.16	0.42	m	ke	BUD	14711433	iLoc		273

Magnitude	Err	Nsta	Author	OrigID
MLv	1.0	0.3	2 BUD	14711433

Sta	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	210.1	Pg	06:08:34.911	-0.1					T__	9.4	0.2		---	MLv	1.0	14711435	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.16	210.1	Lg	06:08:38.208	0.2					T__				---		14711436	FDSN	HU	--	BUD	iLoc	BHN	???	_	
EGYH	0.25	296.5	Pg	06:08:36.472	-0.4					T__	3.2	0.2		---	MLv	1.3	14711437	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.25	296.5	Lg	06:08:41.680	0.6					T__				---		14711438	FDSN	HU	--	BUD	iLoc	SHT	???	_	
CSKK	0.42	82.0	Lg	06:08:46.974	0.3					T__				---		14711439	FDSN	HU	--	BUD	iLoc	SHE	???	_	
CONA	1.36	297.8	Sn	06:09:07.991	-8.9					---				---		14711440	FDSN	OE	--	BUD	iLoc	BHR	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/04/05	07:33:01.13	1.17	0.88	48.6638	18.6802	8.3	4.5	45	0.0A	10	7	94	0.20	1.72	m	ke	BUD	14711595	iLoc		138	

Magnitude Err Nsta Author OrigID

Sta	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	148.6	Pg	07:33:05.388	0.1				T__		27.9	0.0		---	MLv	0.3	14711597	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.20	148.6	Lg	07:33:09.192	0.8				T__					---			14711598	FDSN	SK	--	BUD	iLoc	HHE	???	_
IZAB	0.69	97.5	Lg	07:33:24.363	-0.7				T__					---			14711599	FDSN	SK	--	BUD	iLoc	EHT	???	_
JAVC	0.70	286.7	Pg	07:33:15.168	-0.1				T__					---			14711600	FDSN	CZ	--	BUD	iLoc	BHE	???	_
JAVC	0.70	286.7	Lg	07:33:24.526	-1.0				T__					---			14711601	FDSN	CZ	--	BUD	iLoc	BHT	???	_
PSZ	1.10	132.2	Sn	07:33:39.415	-0.8				T__					---			14711602	FDSN	GE	--	BUD	iLoc	BHE	???	_
CSKK	1.33	192.4	Sn	07:33:45.751	0.5				T__					---			14711603	FDSN	HU	--	BUD	iLoc	SHT	???	_
MORC	1.34	326.6	Pg	07:33:27.984	1.3				T__					---			14711604	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
MORC	1.34	326.6	Lg	07:33:43.913	-0.6				T__					---			14711605	FDSN	CZ	--	BUD	iLoc	BHE	???	_
OJC	1.72	24.7	Sn	07:33:56.369	-0.3				T__					---			14711606	FDSN	PL	--	BUD	iLoc	BHT	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/04/05	08:20:23.12	1.26	0.86	48.5870	20.7447	7.5	4.7	142	6.1F	10.6	14	7	163	0.20	1.27	m	ke	BUD	14711608	iLoc		275	

Magnitude Err Nsta Author OrigID

ML 1.5 0.0 5 BUD 14711608

Sta	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	239.0	Pg	08:20:27.036	-0.3				T__		22.8	1.5		---	MLv	2.0	14711610	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	239.0	Lg	08:20:30.890	0.2				T__					---			14711611	FDSN	SK	--	BUD	iLoc	EHN	???	_
				(Station ML : 2.0 0																					
CRVS	0.57	56.1	Pg	08:20:34.086	0.2				T__		1.6	0.0		---	MLv	0.8	14711612	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	56.1	Lg	08:20:42.327	-0.9				T__					---			14711613	FDSN	SK	--	BUD	iLoc	HHN	???	_
				(Station ML : 0.8 1																					
IZAB	0.69	268.9	Pg	08:20:37.800	0.9				T__					---			14711614	FDSN	IR	--	ISC	iLoc	???	???	_
IZAB	0.69	268.9	Lg	08:20:46.000	-0.9				T__					---			14711615	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	0.88	220.7	Pg	08:20:41.307	-0.2				T__		1.5	0.0		---	MLv	1.5	14711616	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	220.7	Lg	08:20:53.872	-0.8				T__					---			14711617	FDSN	GE	--	BUD	iLoc	BHN	???	_
				(Station ML : 1.5 1																					
ET1H	0.92	219.8	Pn	08:20:42.395	0.8				T__		1.7	0.0		---	MLv	1.5	14711618	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.92	219.8	Lg	08:20:54.538	-1.1				T__					---			14711619	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Station ML : 1.5 1																					
LANS	1.01	304.3	Pg	08:20:42.600	-0.4				T__			0.0		---			14711620	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	1.01	304.3	Lg	08:20:56.900	-0.9				T__			0.0		---			14711621	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	1.27	266.5	Pn	08:20:47.694	1.1				T__		2.4	0.0		---	MLv	0.6	14711622	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.27	266.5	Sn	08:21:04.557	-0.6				T__					---			14711623	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
2016/04/06	06:54:37.75	2.27	0.88	45.5502	17.2712	19.8	9.5	4	0.0A	6	4	228	0.79	1.30	m	ke	BUD	14711647	iLoc		284	

Magnitude Err Nsta Author OrigID

MLv 1.6 0.1 2 BUD 14711647

Sta	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	0.79	46.8	Pg	06:54:54.040	-0.0					T__	2.4	0.0		---	MLv	1.5	14711649	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.79	46.8	Lg	06:55:07.038	0.6					T__				---		14711650	FDSN	HU	--	BUD	iLoc	BHE	???	_	
BEHE	0.98	339.6	Lg	06:55:12.500	-0.4					T__				---		14711651	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
MORH	1.17	54.7	Pn	06:55:00.918	0.3					T__	1.9	0.0		---	MLv	1.7	14711652	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.17	54.7	Lg	06:55:17.135	-1.3					T__				---		14711653	FDSN	HU	--	BUD	iLoc	BHE	???	_	
CRES	1.30	282.9	Sn	06:55:22.570	0.2					T__				---		14711654	FDSN	SL	--	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
2016/04/06	08:32:14.63	1.28	0.71	48.5818	20.7629	8.5	4.9	147	6.0F	10.8	12	7	165	0.21	1.28	m	ke BUD	14711657	iLoc			276

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.0	4 BUD	14711657

Sta	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	241.9	Pg	08:32:19.199	0.2					T__	26.0	1.6		---	MLv	2.1	14711659	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	241.9	Lg	08:32:23.028	0.6					T__				---		14711660	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.1 1																									
CRVS	0.56	55.0	Pg	08:32:25.679	0.4					T__	1.2	0.0		---	MLv	1.1	14711661	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.56	55.0	Lg	08:32:33.986	-0.5					T__				---		14711662	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.1 1																									
IZAB	0.70	269.3	Lg	08:32:38.200	-0.6					T__				---		14711663	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.88	221.5	Pn	08:32:32.257	-0.6					T__	1.1	0.1		---	MLv	2.1	14711664	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	221.5	Lg	08:32:45.668	-0.6					T__				---		14711665	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.1 1																									
ET1H	0.92	220.6	Pn	08:32:33.162	-0.1					T__	1.1	0.1		---	MLv	2.0	14711666	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
ET1H	0.92	220.6	Lg	08:32:46.652	-0.6					T__				---		14711667	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.0 1																									
LANS	1.03	304.1	Pg	08:32:34.600	-0.2					T__		0.0		---		14711668	FDSN	IR	--	ISC	iLoc	???	???	_	
LANS	1.03	304.1	Lg	08:32:49.400	-0.3					T__		0.0		---		14711669	FDSN	IR	--	ISC	iLoc	???	???	_	
VYHS	1.28	266.8	Sn	08:32:58.245	1.3					T__				---		14711670	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
2016/04/07	07:53:02.57	3.19	0.78	47.3768	18.0432	22.0	10.4	106	0.0A		4	3	240	0.15	1.23	m	ke BUD	14712388	iLoc			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	
CSSK	0.15	95.2	Pg	07:53:06.496	0.3					T__	42.5	0.9		---	MLv	1.7	14712390	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSSK	0.15	95.2	Lg	07:53:08.705	-0.3					T__				---		14712391	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A269A	0.35	41.2	Lg	07:53:15.229	-0.4					T__				---		14712392	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORH	1.23	160.2	Sn	07:53:43.996	-0.5					T__				---		14712393	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
2016/04/07	08:21:28.51	1.08	1.12	47.9194	19.4923	5.1	4.3	156	0.0A		13	8	117	0.26	1.52	m	ke BUD	14758613	iLoc			137

Magnitude Err Nsta Author OrigID  
 ML 1.0 0.3 4 BUD 14758613

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ET1H	0.26	98.9	Pg	08:21:33.871	-0.5					T__	3.1	0.1		---	MLv	0.9	14758615	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.26	98.9	Lg	08:21:39.568	0.8					T__				---		14758616	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Station ML : 0.9 1																									
PSZ	0.27	90.1	Pg	08:21:33.995	-0.8					T__	3.8	0.1		---	MLv	1.1	14758617	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.27	90.1	Lg	08:21:39.238	-0.3					T__				---		14758618	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.1 1																									
BUD	0.54	216.1	Pg	08:21:39.269	-0.7					T__	2.3	0.1		---	MLv	1.8	14758619	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.54	216.1	Lg	08:21:47.194	-1.5					T__				---		14758620	FDSN	HU	--	BUD	iLoc	BHT	???	_	
(Station ML : 1.8 1																									
IZAB	0.67	12.7	Pg	08:21:42.300	0.3					T__				---		14758621	FDSN	IR	--	ISC	iLoc	???	???	_	
IZAB	0.67	12.7	Lg	08:21:50.500	-1.3					T__				---		14758622	FDSN	IR	--	ISC	iLoc	???	???	_	
VYHS	0.72	322.9	Pg	08:21:43.306	0.2					T__	5.4	0.0		---	MLv	0.7	14758623	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.72	322.9	Lg	08:21:52.135	-1.8					T__				---		14758624	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.7 1																									
CSKK	1.00	236.7	Lg	08:22:04.035	0.6					T__				---		14758625	FDSN	HU	--	BUD	iLoc	SHR	???	_	
LANs	1.23	359.3	Pn	08:21:52.500	0.2					T__		0.0		---		14758626	FDSN	IR	--	ISC	iLoc	???	???	_	
MPLH	1.52	241.2	Sn	08:22:19.159	1.7					T__				---		14758627	FDSN	HU	--	BUD	iLoc	BHT	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2016/04/08 07:33:18.47 1.68 0.99 47.0144 18.0301 15.0 5.5 123 5.0A 5 3 196 0.15 0.38 m ke BUD 14712395 iLoc 285

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.15	220.5	Pg	07:33:21.154	-0.7					T__	2.7	0.5		---	MLv	1.4	14712397	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.15	220.5	Lg	07:33:25.677	1.2					T__				---		14712398	FDSN	HU	--	BUD	iLoc	SHE	???	_	
MPLH	0.37	295.1	Lg	07:33:31.910	0.2					T__				---		14712399	FDSN	HU	--	BUD	iLoc	BHE	???	_	
CSKK	0.38	24.2	Pg	07:33:26.362	0.0					T__	3.5	1.3		---	MLv	2.5	14712400	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.38	24.2	Lg	07:33:32.139	-0.1					T__				---		14712401	FDSN	HU	--	BUD	iLoc	SHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2016/04/08 08:40:30.85 1.57 1.05 46.2872 18.1995 8.1 6.9 128 0.0A 5 3 141 0.21 0.65 m kx BUD 14712404 iLoc 263  
 2016/04/08 08:40:31.45f 2.56 46.1765 18.2926f 0.0S 5 155 0.16 0.78 a kx BUD\_GT 14759277 BUD 258

(locality : Komló II.)  
 (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	08:40:36.098	0.8					T__		0.1		---	MLv	14759562	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	08:40:38.916	0.5					T__				---		14759563	FDSN	HU	--	BUD	BUD	BHE	???	_
MORH	0.25	80.7	Pg	08:40:38.371	1.4					T__		0.0		---	MLv	14759564	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	08:40:42.062	0.8					T__				---		14759565	FDSN	HU	--	BUD	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			
2016/04/08	09:42:08.32	1.26	1.29	48.8507	20.5042	4.8	4.3	16	3.3F	12.4	17	10	97	0.37	1.53	m	ke BUD	14712413	iLoc			103			
Magnitude Err Nsta Author OrigID ML 1.9 0.2 6 BUD 14712413																									
Sta	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	0.37	181.9	Lg	09:42:21.018	-0.3					T__						14712415	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
NIE	0.58	347.6	Lg	09:42:26.994	-0.8					T__						14712416	FDSN	PL	--	BUD	iLoc	BHE	???	_	
CRVS	0.63	85.0	Pg	09:42:19.845	-0.4					T__	1.9	0.0			MLv	1.1	14712417	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.63	85.0	Lg	09:42:30.147	-0.4					T__						14712418	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.1 1																									
LANS	0.75	294.1	Pg	09:42:23.600	0.6					T__		0.1				14712419	FDSN	IR	--	ISC	iLoc	???	???	_	
LANS	0.75	294.1	Lg	09:42:32.800	-1.2					T__		0.1				14712420	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	1.02	203.8	Pn	09:42:28.775	-0.0					T__	2.0	0.1			MLv	1.9	14712421	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.02	203.8	Lg	09:42:42.890	-1.5					T__						14712422	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1																									
ET1H	1.06	203.7	Pn	09:42:29.355	0.2					T__	2.9	0.1			MLv	1.9	14712423	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.06	203.7	Lg	09:42:44.784	-0.7					T__						14712424	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Station ML : 1.9 1																									
VYHS	1.16	252.7	Pn	09:42:32.270	1.6					T__	3.8	0.0			MLv	0.8	14712425	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.16	252.7	Lg	09:42:45.770	-2.3					T__						14712426	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.8 0																									
KOLS	1.17	85.3	Pg	09:42:31.109	0.8					T__	5.0	4.2			MLv	3.8	14712427	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.17	85.3	Lg	09:42:47.241	-1.7					T__						14712428	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 3.8 0																									
OJC	1.45	341.7	Pn	09:42:35.813	0.7					T__	1.6	0.1			MLv	2.2	14712429	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.45	341.7	Lg	09:42:54.965	-1.9					T__						14712430	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.2 1																									
TRPA	1.53	117.3	Sn	09:42:58.642	0.4					T__						14712431	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			
2016/04/08	10:03:47.49	1.39	0.71	48.6021	20.7201	10.3	4.7	144	0.6F	15.2	10	6	160	0.20	1.26	m	ke BUD	14712459	iLoc			275			
Magnitude Err Nsta Author OrigID ML 1.3 0.7 4 BUD 14712459																									
Sta	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	232.7	Pg	10:03:51.435	-0.1					T__	9.9	1.0			MLv	1.8	14712461	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	232.7	Lg	10:03:55.215	0.6					T__						14712462	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 1.8 1																									
CRVS	0.58	58.3	Pg	10:03:58.436	0.1					T__	1.1	0.0			MLv	0.9	14712463	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.58	58.3	Lg	10:04:07.175	-0.5					T__						14712464	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.9 1																									
IZAB	0.67	267.5	Lg	10:04:10.417	-0.3					T__						14712465	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	0.88	219.2	Pg	10:04:05.644	-0.2					T__	2.3	0.1			MLv	1.8	14712466	FDSN	GE	--	BUD	iLoc	BHE	BHZ	_



PSZ	0.88	219.2	Lg	10:04:18.786	-0.6	T__								14712467	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 1																						
LANS	0.99	304.0	Lg	10:04:21.234	-0.3	T__								14712468	FDSN	SK	--	BUD	iLoc	EHE	???	_
VYHS	1.26	265.8	Pn	10:04:12.311	0.9	T__	2.5	0.0				MLv	0.7	14712469	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_
VYHS	1.26	265.8	Sn	10:04:29.224	-1.0	T__								14712470	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
2016/04/12	05:08:28.29	4.45	1.79	47.2729	18.2959	25.5	13.5	153	0.0A		4	3	293	0.09	0.37	m	ke BUD	14712488	iLoc			336

Magnitude Err Nsta Author OrigID

Sta	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	345.1	Pg	05:08:30.568	-0.3					T__	36.9	0.7			MLv	1.4	14712490	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	345.1	Lg	05:08:31.904	-1.1					T__						14712491	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A268A	0.30	302.2	Lg	05:08:40.559	0.7					T__						14712492	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A269A	0.37	9.1	Lg	05:08:43.333	1.2					T__						14712493	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
2016/04/12	08:11:03.25	1.61	0.72	45.9622	21.6078	16.4	5.3	88	5.0A		6	4	190	0.31	1.13	m	ke BUD	14713244	iLoc			242

Magnitude Err Nsta Author OrigID

MLv 1.1 0.4 2 BUD 14713244

Sta	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	0.31	7.2	Pg	08:11:10.378	0.6					T__	6.7	0.2			MLv	1.4	14713246	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.31	7.2	Lg	08:11:14.488	-0.3					T__						14713247	FDSN	RO	--	BUD	iLoc	BHN	???	_	
BZS	0.34	176.2	Pg	08:11:10.440	0.2					T__	3.4	0.0			MLv	0.9	14713248	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.34	176.2	Lg	08:11:15.127	-0.2					T__						14713249	FDSN	RO	--	BUD	iLoc	BHN	???	_	
GZR	1.00	124.4	Lg	08:11:37.027	0.4					T__						14713250	FDSN	RO	--	BUD	iLoc	BHN	???	_	
DRGR	1.13	42.2	Sn	08:11:41.005	-0.9					T__						14713251	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	
2016/04/12	08:30:11.93	1.33	1.14	48.2429	18.8315	6.1	4.0	25	6.3F		9.8	19	11	86	0.25	1.75	m	ke BUD	14713254	iLoc			102

Magnitude Err Nsta Author OrigID

ML 1.6 0.5 4 BUD 14713254

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.25	0.7	Pg	08:30:17.347	0.1					T__	90.8	0.1			MLv	1.0	14713256	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.25	0.7	Lg	08:30:21.730	0.6					T__						14713257	FDSN	SK	--	BUD	iLoc	HHR	???	_	
(Station ML : 1.0 1																									
IZAB	0.67	60.6	Pg	08:30:25.800	0.4					T__						14713258	FDSN	IR	--	ISC	iLoc	???	???	_	
IZAB	0.67	60.6	Lg	08:30:34.700	-0.5					T__						14713259	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.78	114.1	Pg	08:30:29.683	1.3					T__	2.2	0.1			MLv	1.7	14713260	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.78	114.1	Sn	08:30:40.092	-1.5					T__						14713261	FDSN	GE	--	BUD	iLoc	BHT	???	_	
(Station ML : 1.7 1																									

ET1H	0.79	117.2	Pn	08:30:28.305	-0.1	T__	1.8	0.0	---	MLv	1.5	14713262	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.79	117.2	Sn	08:30:39.434	-1.8	T__			---			14713263	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Station ML : 1.5 1)																				
CSKK	0.96	203.8	Sn	08:30:45.214	-0.3	T__			---			14713264	FDSN	HU	--	BUD	iLoc	SHR	???	_
JAVC	0.99	309.1	Pn	08:30:31.427	-0.0	T__	3.9	0.1	---	MLv	2.1	14713265	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.99	309.1	Lg	08:30:45.643	-0.0	T__			---			14713266	FDSN	CZ	--	BUD	iLoc	BHT	???	_
JAVC	0.99	309.1	Pg	08:30:30.800	-0.7	T__			---			14713267	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	0.99	309.1	Sn	08:30:44.600	-1.8	T__			---			14713268	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.1 1)																				
KECS	1.13	77.1	Sn	08:30:50.063	0.2	T__			---			14713269	FDSN	SK	--	BUD	iLoc	EHN	???	_
ZST	1.16	268.3	Sn	08:30:49.541	-0.7	T__			---			14713270	FDSN	SK	--	BUD	iLoc	HHR	???	_
EGYH	1.31	231.3	Sn	08:30:55.149	1.2	T__			---			14713271	FDSN	HU	--	BUD	iLoc	SHT	???	_
MPLH	1.38	219.6	Lg	08:30:57.668	-0.6	T__			---			14713272	FDSN	HU	--	BUD	iLoc	BHR	???	_
MORC	1.75	331.5	Sn	08:31:05.024	-0.4	T__			---			14713273	FDSN	CZ	--	BUD	iLoc	BHR	???	_
MORC	1.75	331.5	Pg	08:30:47.200	2.2	T__			---			14713274	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
2016/04/13	08:21:27.73	3.21	0.08	45.9125	18.3940	26.3	8.2	172	0.0A		4	2	280	0.27	0.35	m	kx	BUD	14713373	iLoc		360
2016/04/13	08:21:26.51f		0.37	45.8525	18.3977f				0.0S		4		293	0.31	0.40	a	kx	BUD_GT	14759279	BUD		360

(GT info : GT2 explosion)  
(locality : Nagyharsány I.)

Magnitude Err Nsta Author OrigID

Sta	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	0.31	318.7	Pg	08:21:33.794	0.4					T__		0.1		---	MLv	14759569	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.31	318.7	Lg	08:21:38.456	-0.4					T__				---		14759570	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.40	25.2	Pg	08:21:35.246	0.2					T__		0.0		---	MLv	14759571	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.40	25.2	Lg	08:21:41.189	-0.5					T__				---		14759572	FDSN	HU	--	BUD	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
2016/04/13	08:41:09.95	1.41	0.49	48.4770	19.3174	9.7	7.0	16	0.0A		6	4	128	0.32	1.16	m	ke	BUD	14713381	iLoc		238

Magnitude Err Nsta Author OrigID

Sta	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	273.2	Pg	08:41:16.440	-0.1					T__	8.9	0.0		---	MLv	0.3	14713383	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.32	273.2	Pg							---		0.0		---	ML	0.3	14713383	FDSN	SK	--	BUD	iLoc	HHZ	HH	_
VYHS	0.32	273.2	Lg	08:41:20.830	-0.6					T__				---		14713384	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.68	145.2	Lg	08:41:35.159	0.0					T__				---		14713385	FDSN	GE	--	BUD	iLoc	BHE	???	_	
NIE	1.15	34.5	Lg	08:41:47.888	-0.2					T__				---		14713386	FDSN	PL	--	BUD	iLoc	BHE	???	_	
JAVC	1.16	289.9	Pn	08:41:32.895	0.2					T__				---		14713387	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	1.16	289.9	Lg	08:41:50.200	0.5					T__				---		14713388	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
2016/04/13	09:08:19.47	1.51	0.72	48.6111	20.7446	10.9	6.2	135	1.6F	18.5	9	6	147	0.21	1.27	m	ke	BUD	14713423	iLoc		275

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.6 4 BUD 14713423

Sta	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	233.5	Pg	09:08:23.434	-0.4					T__	47.8	2.9		---	MLv	2.4	14713425	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	233.5	Lg	09:08:27.401	0.2					T__				---		14713426	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.4 1																									
PSZ	0.90	219.7	Pg	09:08:39.050	0.9					T__	1.8	0.0		---	MLv	1.6	14713427	FDSN	GE	--	BUD	iLoc	BHN	BHZ	_
PSZ	0.90	219.7	Lg	09:08:51.452	-0.5					T__				---		14713428	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
ET1H	0.94	218.9	Pn	09:08:38.825	0.1					T__	1.5	0.0		---	MLv	1.5	14713429	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.94	218.9	Lg	09:08:51.840	-1.0					T__				---		14713430	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.5 1																									
LANS	1.00	303.1	Pg	09:08:39.100	0.0					T__		0.1		---		14713431	FDSN	IR	--	ISC	iLoc	???	???	_	
KOLS	1.06	71.7	Lg	09:08:56.018	-0.4					T__				---		14713432	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.27	265.4	Pn	09:08:43.877	0.4					T__	2.6	0.0		---	MLv	0.6	14713433	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  
 2016/04/15 12:02:46.74 1.28 0.67 48.4495 18.2301 14.3 6.1 175 10.0A 6 4 168 0.41 0.79 m ke BUD 14713452 iLoc 293

Magnitude Err Nsta Author OrigID  
 MLv 2.4 2.8 2 BUD 14713452

Sta	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	83.5	Pg	12:02:55.345	0.2					T__	9.8	0.0		---	MLv	0.5	14713454	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.41	83.5	Lg	12:03:01.443	0.1					T__				---		14713455	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.55	318.1	Lg	12:03:06.276	0.0					T__				---		14713456	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
MODS	0.64	263.5	Pn	12:03:00.436	-0.5					T__	1.6	35.6		---	MLv	4.4	14713457	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.64	263.5	Lg	12:03:09.947	1.0					T__				---		14713458	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ZST	0.79	251.8	Lg	12:03:13.431	-0.2					T__				---		14713459	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  
 2016/04/18 12:03:33.04 1.34 1.03 48.5653 20.7590 11.6 4.2 134 3.7F 12.4 14 8 167 0.20 1.77 m ke BUD 14713890 iLoc 239

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.5 7 BUD 14713890

Sta	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	245.8	Pg	12:03:36.863	-0.3					T__	72.2	4.5		---	MLv	2.5	14713892	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	245.8	Lg	12:03:40.837	0.5					T__				---		14713893	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.5 0																									
CRVS	0.57	53.8	Pg	12:03:43.893	-0.0					T__	2.0	0.0		---	MLv	1.1	14713894	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	53.8	Lg	12:03:52.061	-1.2					T__				---		14713895	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.1 1																									
PSZ	0.87	222.1	Pg	12:03:51.408	0.2					T__	3.2	0.1		---	MLv	2.0	14713896	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	222.1	Lg	12:04:02.961	-1.4					T__				---		14713897	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.0 1																									

NIE	0.90	341.2	Pn	12:03:53.596	1.8	T__	1.8	0.0	___	MLv	1.4	14713898	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.4 1																				
ET1H	0.91	221.2	Pg	12:03:52.478	0.6	T__	2.2	0.0	___	MLv	1.7	14713899	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	221.2	Lg	12:04:04.323	-1.0	T__			---			14713900	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Station ML : 1.7 1																				
LANS	1.03	305.0	Pn	12:03:52.600	-1.0	T__		0.1	---			14713901	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	1.28	267.5	Pn	12:03:57.488	0.6	T__	4.5	0.0	---	MLv	0.9	14713902	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.28	267.5	Sn	12:04:15.610	-0.1	T__			---			14713903	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 0.9 0																				
OJC	1.77	339.6	Pg	12:04:06.412	-0.5	T__	2.7	0.1	---	MLv	2.4	14713904	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.77	339.6	Sn	12:04:30.077	0.8	T__			---			14713905	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Station ML : 2.4 1																				
KALN	3.81	231.8	Pn	12:04:39.890	7.1	---			---			14713906	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	3.81	231.8	Sn	12:04:41.930	-36.8	---			---			14713907	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	4.02	224.3	Pg	12:04:44.510	-7.1	---			---			14713908	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	4.02	224.3	Sn	12:04:50.080	-33.8	---			---			14713909	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
2016/04/19	11:42:22.01	1.15	0.63	47.4769	18.5011	4.8	4.1	167	7.8F	7.9	20	12	86	0.18	1.49	m	ke BUD	14713985	iLoc			109

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	10 BUD	14713985

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A269A	0.18	333.6	Pg	11:42:26.279	0.2	T__				T__	10.0	0.8		___	MLv	1.7	14713987	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A269A	0.18	333.6	Lg	11:42:29.322	0.2	T__				T__				---		14713988	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.7 0																									
BUD	0.35	88.7	Pg	11:42:29.534	-0.1	T__				T__	7.7	0.4		___	MLv	1.9	14713989	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.35	88.7	Lg	11:42:34.694	-0.7	T__				T__				---		14713990	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 1																									
A268A	0.39	263.6	Pg	11:42:30.178	0.0	T__				T__	5.7	0.3		___	MLv	1.8	14713991	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.39	263.6	Lg	11:42:36.346	0.2	T__				T__				---		14713992	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.8 1																									
MPLH	0.72	245.2	Pn	11:42:36.513	-0.8	T__				T__	4.7	0.1		___	MLv	2.0	14713993	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.72	245.2	Lg	11:42:47.968	1.0	T__				T__				---		14713994	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
EGYH	0.80	266.1	Lg	11:42:50.120	0.8	T__				T__				---		14713995	FDSN	HU	--	BUD	iLoc	SHN	???	_	
ET1H	1.01	66.0	Pn	11:42:42.024	0.7	T__				T__	1.5	0.0		___	MLv	1.7	14713996	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.01	66.0	Sn	11:42:56.774	0.4	T__				T__				---		14713997	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.7 1																									
PSZ	1.04	64.3	Pn	11:42:42.496	0.5	T__				T__	1.6	0.1		___	MLv	1.8	14713998	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.04	64.3	Sn	11:42:57.714	0.2	T__				T__				---		14713999	FDSN	GE	--	BUD	iLoc	BHR	???	_	
(Station ML : 1.8 1																									
VYHS	1.04	12.3	Pg	11:42:42.835	0.0	T__				T__	12.2	0.0		___	MLv	1.2	14714000	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.04	12.3	Sn	11:42:55.785	-1.3	T__				T__				---		14714001	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.2 0																									
MODS	1.22	317.9	Pg	11:42:45.891	-0.3	T__				T__	1.8	49.1		___	MLv	4.9	14714002	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 4.9 0																									
MORH	1.27	175.5	Pg	11:42:46.929	-0.0	T__				T__	2.6	0.1		___	MLv	2.0	14714003	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.27	175.5	Sn	11:43:03.005	0.4	T__				T__				---		14714004	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.0 1																									

KOVH	1.42	191.4	Lg	11:43:08.831	-0.8	T__								14714005	FDSN	HU	--	BUD	iLoc	BHR	???	_
JAVC	1.49	338.4	Pg	11:42:50.918	-0.4	T__	1.2	0.1	---	MLv	2.2	14714006	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/04/20	07:09:13.05	1.73	0.35	47.3026	17.6715	11.8	7.6	134	0.0A	4	3	161	0.16	0.26	m	ke	BUD	14714048	iLoc			277

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MPLH	0.16	214.2	Pg	07:09:16.695	-0.2				T__		8.0	0.6	---	MLv	1.5	14714050	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.16	214.2	Lg	07:09:20.137	0.3				T__					---		14714051	FDSN	HU	--	BUD	iLoc	HHN	???	_
A268A	0.21	53.0	Lg	07:09:21.883	0.1				T__					---		14714052	FDSN	Z3	00	BUD	iLoc	HHE	???	_
EGYH	0.26	296.3	Lg	07:09:23.373	0.1				T__					---		14714053	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	
2016/04/21	08:10:30.99	1.31	0.47	48.3620	19.1257	11.7	6.6	39	5.0A	8	6	140	0.23	1.76	m	ke	BUD	14714055	iLoc				255

Magnitude Err Nsta Author OrigID

ML 1.8 0.2 4 BUD 14714055

Sta	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	304.5	Pg	08:10:35.602	-0.3				T__		116.9	0.1	---	MLv	1.1	14714057	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.23	304.5	Lg	08:10:39.995	0.4				T__					---		14714058	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.1 1																									
PSZ	0.68	130.5	Pg	08:10:45.227	-0.1				T__		2.4	0.1	---	MLv	1.7	14714059	FDSN	GE	--	BUD	iLoc	BHE	BHZ	_	
(Station ML : 1.7 1																									
LANS	0.82	15.9	Pg	08:10:47.053	-0.1				T__		6.0	0.1	---	MLv	1.9	14714060	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
(Station ML : 1.9 1																									
JAVC	1.09	297.8	Pn	08:10:52.363	0.3				T__		2.1	0.1	---	MLv	2.0	14714061	FDSN	CZ	--	BUD	iLoc	BHE	BHZ	_	
JAVC	1.09	297.8	Lg	08:11:08.415	0.4				T__					---		14714062	FDSN	CZ	--	BUD	iLoc	BHT	???	_	
(Station ML : 2.0 1																									
MODS	1.23	271.2	Sn	08:11:11.273	-0.4				T__					---		14714063	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORC	1.76	324.3	Sn	08:11:24.357	-0.6				T__					---		14714064	FDSN	CZ	--	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		
2016/04/21	10:13:12.21	0.97	0.96	48.3439	18.6149	5.9	4.6	53	14.5F	9.6	18	10	71	0.21	1.65	m	ke	BUD	14714082	iLoc				141

Magnitude Err Nsta Author OrigID

ML 1.8 0.7 4 BUD 14714082

Sta	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	44.4	Pg	10:13:17.588	0.3				T__		113.1	0.1	---	MLv	1.0	14714084	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.21	44.4	Lg	10:13:21.534	0.6				T__					---		14714085	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.0 1																									
JAVC	0.81	309.8	Pg	10:13:28.387	-0.1				T__		2.0	0.1	---	MLv	1.9	14714086	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
JAVC	0.81	309.8	Sn	10:13:40.936	0.0				T__					---		14714087	FDSN	CZ	--	BUD	iLoc	BHN	???	_	

JAVC	0.81	309.8	Pb	10:13:28.200	-0.2	T__									14714088	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	0.81	309.8	Lg	10:13:40.800	0.8	T__									14714089	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.9 1																							
MODS	0.89	272.4	Pg	10:13:30.579	0.5	T__	1.8	49.0					MLv	4.7	14714090	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.89	272.4	Lg	10:13:42.424	-0.1	T__									14714091	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 4.7 1																							
BUD	0.90	162.1	Sn	10:13:42.903	0.1	T__									14714092	FDSN	HU	--	BUD	iLoc	BHN	???	_
PSZ	0.96	115.9	Pn	10:13:30.709	0.3	T__	1.8	0.0					MLv	1.7	14714093	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.96	115.9	Sn	10:13:44.152	-0.5	T__									14714094	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.7 1																							
A271A	1.20	172.8	Lg	10:13:52.732	-0.1	T__									14714095	FDSN	Z3	--	BUD	iLoc	HHE	???	_
EGYH	1.27	223.4	Lg	10:13:53.976	-0.4	T__									14714096	FDSN	HU	--	BUD	iLoc	SHN	???	_
MPLH	1.38	212.1	Lg	10:13:57.060	-1.0	T__									14714097	FDSN	HU	--	BUD	iLoc	BHN	???	_
MORC	1.60	334.2	Sn	10:14:01.814	1.5	T__									14714098	FDSN	CZ	--	BUD	iLoc	BHT	???	_
MORC	1.60	334.2	Pg	10:13:41.200	-0.9	T__									14714099	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.60	334.2	Lg	10:14:01.300	-2.4	T__									14714100	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.65	306.6	Sn	10:14:01.893	1.1	T__									14714101	FDSN	CZ	--	BUD	iLoc	BHT	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/04/21	12:36:49.38	1.20	0.48	48.2509	21.2140	7.5	5.3	162	12.3F	16.9	11	5	109	0.54	0.98	m	ke BUD	14714119	iLoc			215

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	4 BUD	14714119

Sta	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	0.54	295.8	Pg	12:37:00.081	-0.2					T__	2.7	0.2			MLv	2.0	14714121	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.54	295.8	Lg	12:37:08.308	-0.1					T__						14714122	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KECS	0.54	295.8	Sg	12:37:08.800	0.4					T__		0.2				14714123	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.0 1																									
PSZ	0.95	249.9	Pg	12:37:08.491	-0.6					T__	2.8	0.1			MLv	2.0	14714124	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.95	249.9	Sn	12:37:21.702	-0.6					T__						14714125	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
ET1H	0.97	248.1	Pg	12:37:09.838	0.3					T__	1.7	0.0			MLv	1.7	14714126	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
ET1H	0.97	248.1	Lg	12:37:23.637	0.0					T__						14714127	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.7 1																									
KOLS	0.98	45.4	Pn	12:37:08.995	0.5					T__	5.1	13.1			MLv	4.2	14714128	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.98	45.4	Lg	12:37:23.000	-0.6					T__		13.1				14714129	FDSN	IR	--	ISC	iLoc	???	???	_	
KOLS	0.98	45.4	Sg	12:37:23.757	0.2					T__						14714130	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 4.2 1																									
LTVH	0.98	151.6	Lg	12:37:24.650	-0.1					T__						14714131	FDSN	HU	--	BUD	iLoc	SHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/04/22	08:27:37.83	1.30	0.96	48.5560	20.7640	6.6	4.0	140	1.6F	13.8	15	8	152	0.20	1.28	m	ke BUD	14714151	iLoc				168

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	6 BUD	14714151

Sta	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	248.6	Pg	08:27:41.657	-0.3	T__	18.8	1.2	---	MLv	1.9	14714153	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	248.6	Lg	08:27:45.739	0.7	T__			---			14714154	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 1.9 0																				
CRVS	0.58	52.9	Pg	08:27:48.609	-0.1	T__	2.6	0.0	---	MLv	1.0	14714155	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.58	52.9	Lg	08:27:57.001	-1.1	T__			---			14714156	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Station ML : 1.0 1																				
PSZ	0.86	222.7	Pg	08:27:55.692	-0.2	T__	2.4	0.1	---	MLv	1.7	14714157	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	222.7	Lg	08:28:09.036	-0.1	T__			---			14714158	FDSN	GE	--	BUD	iLoc	BHR	???	_
(Station ML : 1.7 1																				
ET1H	0.90	221.7	Pn	08:27:57.695	1.0	T__	3.4	0.1	---	MLv	1.8	14714159	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.90	221.7	Lg	08:28:10.198	-0.1	T__			---			14714160	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Station ML : 1.8 1																				
NIE	0.91	341.2	Pn	08:27:58.372	1.4	T__	1.3	0.0	---	MLv	1.4	14714161	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.91	341.2	Lg	08:28:09.646	1.4	T__			---			14714162	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Station ML : 1.4 1																				
LANS	1.04	305.3	Pg	08:27:57.400	-0.9	T__		0.1	---			14714163	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	1.04	305.3	Lg	08:28:12.900	-0.7	T__		0.1	---			14714164	FDSN	IR	--	ISC	iLoc	???	???	_
KOLS	1.07	68.7	Lg	08:28:14.732	-0.3	T__			---			14714165	FDSN	SK	--	BUD	iLoc	HHN	???	_
VYHS	1.28	267.9	Pn	08:28:02.352	0.4	T__	2.6	0.0	---	MLv	0.7	14714166	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.28	267.9	Sn	08:28:19.625	-1.4	T__			---			14714167	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
2016/04/22	09:15:29.20	3.46	0.15	46.2934	18.2060	32.9	7.1	151	0.0A		4	2	264	0.22	0.31	m	kx BUD	14714216	iLoc			360
2016/04/22	09:15:29.49f		0.18	46.1765	18.2926f				0.0S		4		204	0.16	0.25	a	kx BUD_GT	14759281	BUD			360
(locality : Komló II.)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KOVH	0.16	236.7	Pg	09:15:33.311	-0.0					T__		0.2		---	MLv	14759575	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	09:15:36.256	-0.2					T__				---		14759576	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.25	80.7	Pg	09:15:35.248	0.2					T__		0.1		---	MLv	14759577	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	09:15:39.168	-0.2					T__				---		14759578	FDSN	HU	--	BUD	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
2016/04/23	09:04:36.80	3.22	0.27	46.0720	18.3160	61.9	5.6	167	0.0A		4	2	218	0.15	0.27	m	kx BUD	14714224	iLoc			360
2016/04/23	09:04:36.99f		0.38	46.1765	18.2926f				0.0S		4		204	0.16	0.25	a	kx BUD_GT	14759283	BUD			360
(GT info : GT2 explosion)																						
(locality : Komló II.)																						

Magnitude Err Nsta Author OrigID

Sta	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	09:04:40.397	-0.4					T__		0.2		---	MLv	14759581	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	09:04:43.640	-0.3					T__				---		14759582	FDSN	HU	--	BUD	BUD	BHE	???	_
MORH	0.25	80.7	Pg	09:04:42.849	0.3					T__		0.1		---	MLv	14759583	FDSN	HU	--	BUD	BUD	BHE	BHZ	_
MORH	0.25	80.7	Lg	09:04:47.277	0.4					T__				---		14759584	FDSN	HU	--	BUD	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
2016/04/25	05:54:08.40	0.00		46.6500	17.0700				0.0A		15					a	ke PRU	14594754	ISC			360
2016/04/25	05:54:07.00	0.34		46.3940	17.1360	0.0	0.0		10.1F	2.4	27			0.97	3.05	a	ke RHSSO	14594751	ISC			360
2016/04/25	05:54:05.19	0.85	0.47	46.4810	17.0350	6.7	3.2	128	5.2F	0.0	15		3	1.32	1.65	a	ke VIE	14594747	ISC			360
2016/04/25	05:54:06.16	0.76	1.10	46.4290	17.1038	2.8	2.5	120	11.5F	2.1	104	54	35	0.54	3.66	m	ke BUD	14714406	iLoc			46

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		RHSSO	14594751
mb	2.2		VIE	14594747
m1	2.3		VIE	14594747
ML	2.9	0.2	15 BUD	14714406

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KALN	0.54	236.7	Pg	05:54:17.120	-0.2					T__						14714408	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.54	236.7	Lg	05:54:24.590	-1.0					T__						14714409	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.59	272.2	Pg	05:54:17.680	-0.4					T__						14714410	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.59	272.2	Pb	05:54:19.162	1.1					T__	12.6	3.1			MLv	3.3	14714411	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.59	272.2	Lg	05:54:28.472	1.8					T__						14714412	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 3.3 0																									
LOBO	0.77	249.5	Pg	05:54:20.320	-1.2					T__						14714413	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	0.77	249.5	Lg	05:54:31.460	-1.1					T__						14714414	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	0.77	115.9	Pn	05:54:21.947	-0.0					T__	10.8	0.3			MLv	2.4	14714415	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.77	115.9	Lg	05:54:33.193	0.4					T__						14714416	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.4 0																									
MPLH	0.80	21.8	Pn	05:54:22.388	0.1					T__	20.6	0.4			MLv	2.6	14714417	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.80	21.8	Sn	05:54:34.968	-0.1					T__						14714418	FDSN	HU	--	BUD	iLoc	BHR	???	_	
(Station ML : 2.6 1																									
A266A	0.81	82.7	Pn	05:54:22.056	-0.4					T__	6.7	0.9			MLv	2.9	14714419	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.9 1																									
MOSL	0.85	196.7	Pn	05:54:23.350	-0.1					T__						14714420	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.85	196.7	Lg	05:54:34.800	-0.5					T__						14714421	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	0.95	236.9	Pn	05:54:24.244	-0.4					T__	4.9	0.5			MLv	2.7	14714422	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.95	236.9	Lg	05:54:39.210	1.1					T__						14714423	FDSN	CR	--	BUD	iLoc	BHE	???	_	
PTJ	0.95	236.9	Pg	05:54:24.090	-1.0					T__						14714424	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	0.95	236.9	Sg	05:54:38.290	-0.4					T__						14714425	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.7 1																									
ZAG	0.98	232.6	Pn	05:54:24.700	-0.4					T__						14714426	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.98	232.6	Sn	05:54:38.200	-1.8					T__						14714427	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.98	232.6	Pg	05:54:25.885	0.4					T__	2.5	0.9			MLv	3.0	14714428	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.0 1																									
EGYH	1.00	8.9	Pg	05:54:26.218	0.2					T__	6.5	0.7			MLv	2.9	14714429	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.9 1																									
MORH	1.09	100.8	Pn	05:54:25.900	-0.4					T__						14714430	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	1.09	100.8	Sn	05:54:40.800	-1.2					T__						14714431	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	1.09	100.7	Pg	05:54:27.135	-0.6					T__	6.1	0.5			MLv	2.8	14714432	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.09	100.7	Lg	05:54:42.746	-0.3					T__						14714433	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.8 1																									
GROS	1.11	272.2	Pn	05:54:26.270	-0.5					T__						14714434	FDSN	IR	--	ISC	iLoc	???	???	_	
GROS	1.11	272.2	Sn	05:54:41.150	-1.7					T__						14714435	FDSN	IR	--	ISC	iLoc	???	???	_	
GROS	1.11	272.2	x	05:54:43.380	-99.0					T__		17.0	0.22			14714436	FDSN	IR	--	ISC	iLoc	???	???	_	



GOLS	1.11	248.4	Pn	05:54:26.470	-0.4	T__				14714437	FDSN	IR	--	ISC	iLoc	???	???	_			
A252A	1.12	152.1	Pn	05:54:27.600	0.6	T__				14714438	FDSN	IR	--	ISC	iLoc	???	???	_			
A252A	1.12	152.1	Sn	05:54:43.270	0.1	T__				14714439	FDSN	IR	--	ISC	iLoc	???	???	_			
A268A	1.15	29.0	Pn	05:54:27.756	0.6	T__	15.8	0.6		MLv	2.9	14714440	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A268A	1.15	29.0	Lg	05:54:44.934	0.3	T__					14714441	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 2.9 1																					
DOBS	1.17	256.7	Pn	05:54:26.990	-0.5	T__					14714442	FDSN	IR	--	ISC	iLoc	???	???	_		
CSKK	1.23	39.9	Pg	05:54:29.824	-0.4	T__	11.3	2.6		MLv	3.6	14714443	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
CSKK	1.23	39.9	Lg	05:54:46.947	-0.2	T__					14714444	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 3.6 0																					
CRES	1.29	242.8	Pn	05:54:31.230	1.8	T__	3.0	0.7		MLv	3.1	14714445	FDSN	SL	--	BUD	iLoc	BHE	BHZ	_	
CRES	1.29	242.8	Pg	05:54:30.000	-1.2	T__					14714446	FDSN	IR	--	ISC	iLoc	???	???	_		
CRES	1.29	242.8	Sn	05:54:47.800	0.1	T__					14714447	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 3.1 1																					
SOP	1.31	343.6	Pg	05:54:31.051	-0.8	T__	2.4	0.1		MLv	2.3	14714448	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.3 0																					
A272A	1.32	75.5	Lg	05:54:50.148	-0.6	T__					14714449	FDSN	Z3	--	BUD	iLoc	HHE	???	_		
A052A	1.36	167.6	Pn	05:54:30.800	0.5	T__					14714450	FDSN	IR	--	ISC	iLoc	???	???	_		
A052A	1.36	167.6	Sn	05:54:48.900	0.1	T__					14714451	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.36	307.7	Pg	05:54:32.665	0.2	T__	4.2	0.1		MLv	2.2	14714452	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
ARSA	1.36	307.7	Pb	05:54:32.500	0.0	T__					14714453	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.36	307.7	Lg	05:54:51.400	0.5	T__					14714454	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.2 0																					
RONA	1.39	336.8	Pn	05:54:31.153	0.5	T__					14714455	FDSN	IR	--	ISC	iLoc	???	???	_		
RONA	1.39	336.8	Sn	05:54:48.806	-0.9	T__					14714456	FDSN	IR	--	ISC	iLoc	???	???	_		
PERS	1.39	279.3	Pn	05:54:30.310	-0.2	T__					14714457	FDSN	IR	--	ISC	iLoc	???	???	_		
OZLJ	1.40	235.1	Pn	05:54:30.330	-0.5	T__					14714458	FDSN	IR	--	ISC	iLoc	???	???	_		
OZLJ	1.40	235.1	Sn	05:54:50.470	0.5	T__					14714459	FDSN	IR	--	ISC	iLoc	???	???	_		
A051A	1.42	185.6	Pn	05:54:32.000	0.5	T__					14714460	FDSN	IR	--	ISC	iLoc	???	???	_		
A051A	1.42	185.6	Sn	05:54:51.500	0.6	T__					14714461	FDSN	IR	--	ISC	iLoc	???	???	_		
SOKA	1.45	280.6	Pn	05:54:31.282	-0.2	T__	4.3	2.2	0.18		14714462	FDSN	IR	--	ISC	iLoc	???	???	_		
SOKA	1.45	280.6	Sn	05:54:50.916	-0.0	T__		6.8	0.30		14714463	FDSN	IR	--	ISC	iLoc	???	???	_		
PDKS	1.51	256.6	Pn	05:54:32.000	-0.3	T__					14714464	FDSN	IR	--	ISC	iLoc	???	???	_		
BLY	1.64	178.1	Lg	05:55:01.335	1.6	T__					14714465	FDSN	MN	--	BUD	iLoc	HHN	???	_		
BLY	1.68	178.1	Pn	05:54:36.100	1.2	T__					14714466	FDSN	IR	--	ISC	iLoc	???	???	_		
BLY	1.68	178.1	Sn	05:54:56.900	0.3	T__					14714467	FDSN	IR	--	ISC	iLoc	???	???	_		
CONA	1.72	331.0	Pg	05:54:38.232	-1.6	T__	2.7	0.1		MLv	2.5	14714468	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
CONA	1.72	331.0	Pn	05:54:37.136	1.8	T__	7.5	4.5	0.32		14714469	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.5 1																					
OBKA	1.77	273.5	Pn	05:54:37.900	1.9	T__					14714470	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.77	273.5	Sn	05:55:01.000	2.0	T__					14714471	FDSN	IR	--	ISC	iLoc	???	???	_		
LJU	1.83	258.8	Sn	05:55:02.100	1.6	T__					14714472	FDSN	IR	--	ISC	iLoc	???	???	_		
MODS	1.95	3.4	Pn	05:54:41.120	2.6	T__	2.6	47.0		MLv	5.3	14714473	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 5.3 0																					
CEY	1.99	250.6	Pn	05:54:41.200	2.2	T__					14714474	FDSN	IR	--	ISC	iLoc	???	???	_		
CEY	1.99	250.6	Sn	05:55:05.600	1.1	T__					14714475	FDSN	IR	--	ISC	iLoc	???	???	_		
A050A	1.99	191.9	Pn	05:54:40.200	0.6	T__					14714476	FDSN	IR	--	ISC	iLoc	???	???	_		
A050A	1.99	191.9	Sn	05:55:05.300	0.4	T__					14714477	FDSN	IR	--	ISC	iLoc	???	???	_		
MGRS	2.01	180.4	Pn	05:54:40.100	0.4	T__					14714478	FDSN	IR	--	ISC	iLoc	???	???	_		
UDBI	2.12	206.8	Pn	05:54:41.570	-0.0	T__					14714479	FDSN	IR	--	ISC	iLoc	???	???	_		
UDBI	2.12	206.8	Sn	05:55:07.710	-0.5	T__					14714480	FDSN	IR	--	ISC	iLoc	???	???	_		
FRGS	2.28	122.9	Sn	05:55:11.900	0.6	T__					14714481	FDSN	IR	--	ISC	iLoc	???	???	_		
SKDS	2.33	248.8	Pn	05:54:45.000	1.1	T__					14714482	FDSN	IR	--	ISC	iLoc	???	???	_		

SKDS	2.33	248.8	Sn	05:55:13.700	0.9	T__	---	---	14714483	FDSN	IR	--	ISC	iLoc	???	???	_		
JAVC	2.46	8.8	Pn	05:54:48.600	2.8	T__	---	---	14714484	FDSN	IR	--	ISC	iLoc	???	???	_		
KIJV	2.47	191.8	Pn	05:54:45.920	-0.6	T__	---	---	14714485	FDSN	IR	--	ISC	iLoc	???	???	_		
KIJV	2.47	191.8	Sn	05:55:16.800	0.1	T__	---	---	14714486	FDSN	IR	--	ISC	iLoc	???	???	_		
SMRN	2.49	237.1	Pn	05:54:45.440	-0.9	T__	---	---	14714487	FDSN	IR	--	ISC	iLoc	???	???	_		
SMRN	2.49	237.1	Sn	05:55:15.850	-0.7	T__	---	---	14714488	FDSN	IR	--	ISC	iLoc	???	???	_		
VIRC	2.58	214.8	Pn	05:54:48.180	0.3	T__	---	---	14714489	FDSN	IR	--	ISC	iLoc	???	???	_		
VIRC	2.58	214.8	Sn	05:55:18.840	0.0	T__	---	---	14714490	FDSN	IR	--	ISC	iLoc	???	???	_		
KRUC	2.68	350.0	Pn	05:54:50.600	2.1	T__	---	---	14714491	FDSN	IR	--	ISC	iLoc	???	???	_		
KRUC	2.68	350.0	Sn	05:55:19.800	-0.9	T__	---	---	14714492	FDSN	IR	--	ISC	iLoc	???	???	_		
MORI	2.75	201.6	Pn	05:54:50.700	0.2	T__	---	---	14714493	FDSN	IR	--	ISC	iLoc	???	???	_		
MORI	2.75	201.6	Sn	05:55:23.860	0.3	T__	---	---	14714494	FDSN	IR	--	ISC	iLoc	???	???	_		
BRJN	2.80	238.3	Pn	05:54:50.090	-0.8	T__	---	---	14714495	FDSN	IR	--	ISC	iLoc	???	???	_		
BRJN	2.80	238.3	Sn	05:55:23.830	-1.0	T__	---	---	14714496	FDSN	IR	--	ISC	iLoc	???	???	_		
DUGI	2.83	211.4	Pn	05:54:51.910	0.2	T__	---	---	14714497	FDSN	IR	--	ISC	iLoc	???	???	_		
DUGI	2.83	211.4	Sn	05:55:25.460	-0.3	T__	---	---	14714498	FDSN	IR	--	ISC	iLoc	???	???	_		
VRAC	2.90	353.4	Pn	05:54:53.200	1.6	T__	---	---	14714499	FDSN	IR	--	ISC	iLoc	???	???	_		
VRAC	2.90	353.4	Sn	05:55:25.100	-1.0	T__	---	---	14714500	FDSN	IR	--	ISC	iLoc	???	???	_		
RICI	2.93	179.6	Pn	05:54:53.220	0.1	T__	---	---	14714501	FDSN	IR	--	ISC	iLoc	???	???	_		
RICI	2.93	179.6	Sn	05:55:27.520	-0.8	T__	---	---	14714502	FDSN	IR	--	ISC	iLoc	???	???	_		
ZIRJ	2.96	201.0	Pn	05:54:53.630	-0.0	T__	---	---	14714503	FDSN	IR	--	ISC	iLoc	???	???	_		
ZIRJ	2.96	201.0	Sn	05:55:29.310	0.4	T__	---	---	14714504	FDSN	IR	--	ISC	iLoc	???	???	_		
DIVS	3.10	137.8	Pn	05:54:54.800	0.1	T__	---	---	14714505	FDSN	IR	--	ISC	iLoc	???	???	_		
DIVS	3.10	137.8	Sn	05:55:31.600	0.4	T__	---	---	14714506	FDSN	IR	--	ISC	iLoc	???	???	_		
MORC	3.36	4.9	Pn	05:54:57.900	-0.3	T__	---	---	14714507	FDSN	IR	--	ISC	iLoc	???	???	_		
MORC	3.36	4.9	Sn	05:55:36.100	-1.5	T__	---	---	14714508	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	3.60	320.0	Pn	05:55:03.400	2.2	T__	---	---	14714509	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	3.60	320.0	Sn	05:55:44.500	0.7	T__	---	---	14714510	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	3.60	320.0	Lg	05:55:56.600	-4.9	T__	9.9	1.10	---	14714511	FDSN	IR	--	ISC	iLoc	???	???	_	
KRLC	3.66	356.7	Pn	05:55:03.700	1.5	T__	---	---	14714512	FDSN	IR	--	ISC	iLoc	???	???	_		
MK31	43.60	64.7	P	06:01:54.522	-15.6	---	4.2	0.3	0.35	---	14714513	FDSN	IR	--	ISC	iLoc	???	???	_
MK31	43.60	64.7	x	06:02:22.146	-99.0	---	9.9	1.5	0.60	---	14714514	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  
 2016/04/25 09:01:18.74 1.10 1.27 46.3476 17.1282 5.4 3.7 177 5.3F 9.6 24 13 77 0.51 5.66 m ke BUD 14714583 iLoc 123

Magnitude Err Nsta Author OrigID  
 ML 2.1 0.4 8 BUD 14714583

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KALN	0.51	245.4	Pg	09:01:29.440	0.1					T__						14714585	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.51	245.4	Lg	09:01:36.650	-0.6					T__						14714586	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.62	279.7	Pg	09:01:31.616	0.6					T__	3.8	0.7		MLv	2.7	14714587	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.62	279.7	Lg	09:01:40.823	0.8					T__						14714588	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Station ML : 2.7 1																								
KOVH	0.72	110.7	Pg	09:01:34.403	1.0					T__	1.9	0.1		MLv	1.6	14714589	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.72	110.7	Lg	09:01:45.641	1.3					T__						14714590	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.6 0																								
LOBO	0.76	255.7	Pg	09:01:33.100	-0.7					T__						14714591	FDSN	IR	--	ISC	iLoc	???	???	_
LOBO	0.76	255.7	Lg	09:01:43.710	-1.4					T__						14714592	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.78	199.7	Pg	09:01:35.290	0.9					T__						14714593	FDSN	IR	--	ISC	iLoc	???	???	_

MOSL	0.78	199.7	Lg	09:01:46.540	0.6	T__									14714594	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	0.87	18.8	Pg	09:01:34.592	-1.4	T__	2.7	0.1	---	MLv	1.9	14714595	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_			
(Station ML : 1.9 1																							
PTJ	0.92	241.8	Pg	09:01:37.448	0.7	T__	1.5	0.1	---	MLv	2.0	14714596	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_			
PTJ	0.92	241.8	Lg	09:01:51.446	1.1	T__			---			14714597	FDSN	CR	--	BUD	iLoc	BHR	???	_			
PTJ	0.92	241.8	Pb	09:01:36.150	-0.9	T__			---			14714598	FDSN	IR	--	ISC	iLoc	???	???	_			
PTJ	0.92	241.8	Sg	09:01:50.240	-0.8	T__			---			14714599	FDSN	IR	--	ISC	iLoc	???	???	_			
(Station ML : 2.0 1																							
ZAG	0.95	237.2	Pn	09:01:37.982	-0.0	T__	2.9	0.9	---	MLv	3.0	14714600	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_			
(Station ML : 3.0 0																							
A252A	1.04	150.9	Pn	09:01:39.540	0.3	T__			---			14714601	FDSN	IR	--	ISC	iLoc	???	???	_			
A252A	1.04	150.9	Sn	09:01:54.090	-1.0	T__			---			14714602	FDSN	IR	--	ISC	iLoc	???	???	_			
MORH	1.06	96.6	Pn	09:01:39.063	-0.1	T__	1.7	0.0	---	MLv	1.7	14714603	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_			
MORH	1.06	96.6	Sn	09:01:53.344	-1.8	T__			---			14714604	FDSN	HU	--	BUD	iLoc	BHE	???	_			
(Station ML : 1.7 1																							
CRES	1.27	246.4	Pn	09:01:43.587	1.1	T__	1.4	0.3	---	MLv	2.7	14714605	FDSN	SL	--	BUD	iLoc	BHE	BHZ	_			
CRES	1.27	246.4	Sn	09:02:00.321	-0.8	T__			---			14714606	FDSN	SL	--	BUD	iLoc	BHN	???	_			
(Station ML : 2.7 1																							
CONA	1.80	331.8	Pn	09:01:50.938	1.1	T__	1.6	0.0	---	MLv	2.1	14714607	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_			
(Station ML : 2.1 1																							
CLL	5.66	332.8	Pn	09:02:46.600	3.4	T__		8.0	0.80	---		14714608	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
2016/04/25	10:28:24.00			48.0900	16.2100				10.0A							a	ke GFZ	14594981	ISC			360
2016/04/25	10:28:21.87	0.76	1.04	48.0982	16.0899	10.8	7.9	5	0.0A		19	96	1.26	85.92	a	ke IDC	14594952	ISC			360	
2016/04/25	10:28:22.70	0.09	0.25	48.0858	16.1212	1.1	0.9	107	8.6F	0.8	20	65	0.23	1.27	a	ke IPEC	14594962	ISC			360	
2016/04/25	10:28:23.00	0.21	2.33	48.1142	16.2196	6.5	3.7	179	9.0A			38	0.30	13.00	a	ke LDG	14594972	ISC			360	
2016/04/25	10:28:31.00	1.00	0.80	47.8000	15.9000	74.0	20.0	179	10.0A		48	321			a	ke LEDBW	14594978	ISC			360	
2016/04/25	10:28:22.84	1.37	0.67	48.0884	16.1428	7.3	1.9	139	3.5F	6.4	45	58	0.25		a	ke NEIC	14594965	ISC			360	
2016/04/25	10:28:23.20	0.00		48.1300	16.0500				3.0A		39				a	ke PRU	14594976	ISC			360	
2016/04/25	10:28:23.00	0.08	2.06	48.0781	16.0712	0.8	0.7	97	10.1F	1.1	102	2	0.21	4.24	a	ke VIE	14594968	ISC			360	
2016/04/25	10:28:22.57	0.82	1.68	48.0896	16.1004	2.5	2.1	83	7.3F	5.2	422	234	17	0.23	85.93	m	ke BUD	14714643	iLoc			20

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		GFZ	14594981
ML	3.4		IDC	14594952
MS	2.7		IDC	14594952
Ms1	2.7		IDC	14594952
mb	3.6		IDC	14594952
mb1	3.9		IDC	14594952
mb1mx	3.6		IDC	14594952
mbtmp	3.6		IDC	14594952
ms1mx	2.3		IDC	14594952
ML	4.3		IPEC	14594962
Md	4.2		LDG	14594972
Ml	4.1		LDG	14594972
ML	4.0		LEDBW	14594978
ML	4.2		VIE	14594965
mb	3.3		VIE	14594968
m1	4.2		VIE	14594968
ML	3.9	0.1	43 BUD	14714643

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.23	224.9	Pg	10:28:26.900	-0.6					T__		50.7				14714645	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	0.23	224.9	Lg	10:28:30.420	-0.9					T__		4383.4	0.28			14714646	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	0.23	224.9	Pb	10:28:27.566	0.1					T__	999.9	50.7			MLv	3.6	14714647	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.6 0																									
RONA	0.41	161.3	Pg	10:28:30.100	-1.0					T__	214.8	26.7	0.04			14714648	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	0.41	161.3	Lg	10:28:36.690	-0.7					T__		1196.7	0.18			14714649	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	0.51	142.7	Pg	10:28:32.700	-0.2					T__		5.7				14714650	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	0.51	142.7	Pb	10:28:32.927	0.0					T__	197.8	5.7			MLv	3.5	14714651	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.51	142.7	Lg	10:28:39.707	-0.7					T__						14714652	FDSN	HU	--	BUD	iLoc	BHT	???	_	
(Station ML : 3.5 0																									
ZST	0.68	80.6	Pg	10:28:35.833	-0.4					T__	117.7	58.4			MLv	4.6	14714653	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.68	80.6	Pb	10:28:36.100	-0.1					T__		58.4				14714654	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 4.6 0																									
MODS	0.84	69.7	Pg	10:28:38.522	-0.8					T__	533.3	9183.0			MLv	6.9	14714655	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.84	69.7	Lg	10:28:50.838	-0.3					T__						14714656	FDSN	SK	--	BUD	iLoc	HHT	???	_	
MODS	0.84	69.7	Pb	10:28:39.200	-0.1					T__		9183.2				14714657	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 6.9 0																									
A260A	0.90	152.9	Pg	10:28:41.281	0.7					T__	40.0	8.9			MLv	4.0	14714658	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.90	152.9	Sn	10:28:55.458	0.5					T__						14714659	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 4.0 1																									
ARSA	0.93	205.1	Pn	10:28:39.800	-1.1					T__		6.7				14714660	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	0.93	205.1	Pg	10:28:40.200	-0.4					T__						14714661	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	0.93	205.1	Lg	10:28:52.812	-0.8					T__		286.5	0.22			14714662	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	0.93	205.1	Pb	10:28:40.019	-0.6					T__	292.9	6.7			MLv	3.8	14714663	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.8 1																									
KRUC	0.99	11.3	Lg	10:28:54.400	-0.8					T__		5067.6	0.21			14714664	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	0.99	11.3	Pg	10:28:41.666	0.4					T__	680.2	18.6			MLv	4.3	14714665	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 4.3 1																									
EGYH	1.07	128.5	Pn	10:28:43.500	0.5					T__		7.8				14714666	FDSN	IR	--	ISC	iLoc	???	???	_	
EGYH	1.07	128.6	Pg	10:28:43.660	-0.2					T__	88.1	7.8			MLv	4.0	14714667	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	1.07	128.6	Sn	10:28:59.163	0.3					T__						14714668	FDSN	HU	--	BUD	iLoc	SHR	???	_	
(Station ML : 4.0 1																									
MOA	1.26	259.7	Pg	10:28:46.257	-0.6					T__	312.1	433.9	0.57			14714669	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	1.26	259.7	Pg	10:28:46.300	-0.6					T__						14714670	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	1.26	259.7	Pn	10:28:46.400	0.8					T__						14714671	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	1.26	259.7	Lg	10:29:03.384	-0.8					T__		2617.8	0.35			14714672	FDSN	IR	--	ISC	iLoc	???	???	_	
A262A	1.26	166.5	Pg	10:28:47.232	-0.2					T__	26.6	7.0			MLv	4.0	14714673	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	1.26	166.5	Lg	10:29:04.722	-0.0					T__						14714674	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 4.0 1																									
VRAC	1.26	14.8	Pn	10:28:46.100	0.5					T__						14714675	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.26	14.8	Pg	10:28:46.200	-0.2					T__						14714676	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.26	14.8	Pg	10:28:46.270	-0.2					T__	999.9	214.0	0.33			14714677	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.26	14.8	Sn	10:29:02.900	-0.4					T__		4183.3	0.22			14714678	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.26	14.8	Sn	10:29:02.970	-0.4					T__	136.8	2049.8	0.33			14714679	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.26	14.8	x	10:28:46.376	-99.0					---	999.9	34.7			MLv	14714680	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
VRAC	1.26	14.8	Sg	10:29:03.498	0.1					T__						14714681	FDSN	CZ	--	BUD	iLoc	BHR	???	_	
TREC	1.27	341.6	Pg	10:28:46.682	-0.1					T__	746.6	20.9			MLv	4.5	14714682	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
TREC	1.27	341.6	Pb	10:28:46.800	-0.0					T__						14714683	FDSN	IR	--	ISC	iLoc	???	???	_	
TREC	1.27	341.6	Sn	10:29:02.200	-1.6					T__		4736.9	0.50			14714684	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 4.5 1																									
JAVC	1.30	53.0	Pn	10:28:47.423	1.0					T__	133.8	4.9			MLv	3.9	14714685	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_



KHC	1.97	302.8	Pb	10:28:57.500	-2.5	T__				14714728	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	1.97	302.8	Pn	10:28:57.600	2.2	---				14714729	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	1.97	302.8	x	10:29:03.000	-99.0	---				14714730	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	1.97	302.8	Sn	10:29:22.600	1.5	T__	757.9	0.50	---	14714731	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	1.97	302.8	AMS	10:29:30.000	-99.0	---	800.0	6.10	---	14714732	FDSN	IR	--	ISC	iLoc	???	???	_		
KALN	1.97	172.8	Pn	10:28:57.330	1.3	T__				14714733	FDSN	IR	--	ISC	iLoc	???	???	_		
KALN	1.97	172.8	Sn	10:29:19.370	-2.7	T__				14714734	FDSN	IR	--	ISC	iLoc	???	???	_		
A267A	1.98	124.4	Pn	10:28:56.285	0.8	T__	17.0	1.7	---	MLv	3.8	14714735	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	3.8	1																	
A265A	2.03	144.7	Lg	10:29:30.239	0.8	T__				14714736	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
KRLC	2.04	12.4	Pn	10:28:57.800	1.3	T__				14714737	FDSN	IR	--	ISC	iLoc	???	???	_		
KRLC	2.04	12.4	Sn	10:29:23.400	0.8	T__				14714738	FDSN	IR	--	ISC	iLoc	???	???	_		
BUD	2.06	106.0	Pn	10:28:57.395	0.6	T__	34.8	1.6	---	MLv	3.9	14714739	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	2.06	106.0	Pn			---		1.6	---	MLv	3.9	14714739	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML	:	3.9	1																	
A271A	2.07	115.8	Pn	10:28:58.170	1.3	T__	17.5	2.1	---	MLv	4.0	14714740	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	4.0	1																	
KBA	2.12	242.5	Pn	10:29:00.133	2.1	T__	145.4	141.1	0.32	---	14714741	FDSN	IR	--	ISC	iLoc	???	???	_	
KBA	2.12	242.5	Pn	10:29:00.200	2.1	T__				14714742	FDSN	IR	--	ISC	iLoc	???	???	_		
KBA	2.12	242.5	Pb	10:29:00.400	-3.3	T__				14714743	FDSN	IR	--	ISC	iLoc	???	???	_		
KBA	2.12	242.5	Sn	10:29:26.570	1.1	T__		276.5	0.32	---	14714744	FDSN	IR	--	ISC	iLoc	???	???	_	
A266A	2.15	135.9	Pn	10:28:58.668	0.7	T__	10.2	1.4	---	MLv	3.8	14714745	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	3.8	1																	
PRU	2.16	332.2	Pn	10:28:59.400	1.5	T__				14714746	FDSN	IR	--	ISC	iLoc	???	???	_		
PRU	2.16	332.2	Pg	10:28:59.600	-3.8	T__				14714748	FDSN	IR	--	ISC	iLoc	???	???	_		
PRU	2.16	332.2	Sn	10:29:26.400	0.9	T__				14714749	FDSN	IR	--	ISC	iLoc	???	???	_		
PRU	2.16	332.2	AMS	10:29:40.000	-99.0	---		800.0	5.10	---	14714750	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	2.19	182.4	Pn	10:28:59.829	1.1	T__	33.5	1.6	---	MLv	3.9	14714751	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	2.19	182.4	Pg	10:28:59.960	-5.2	---				14714752	FDSN	IR	--	ISC	iLoc	???	???	_		
PTJ	2.19	182.4	Pb	10:29:01.300	-3.9	T__		1.6	---	14714753	FDSN	IR	--	ISC	iLoc	???	???	_		
PTJ	2.19	182.4	Sn	10:29:24.880	-2.7	T__				14714754	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML	:	3.9	1																	
VNDS	2.21	206.2	Pn	10:29:00.770	2.0	T__				14714755	FDSN	IR	--	ISC	iLoc	???	???	_		
OKC	2.21	36.9	Pn	10:28:59.965	1.2	T__	59.7	1.3	---	MLv	3.8	14714756	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
OKC	2.21	36.9	Pg	10:29:00.500	-3.1	T__				14714757	FDSN	IR	--	ISC	iLoc	???	???	_		
OKC	2.21	36.9	Pb	10:29:00.800	-2.8	T__		1.3	---	14714758	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML	:	3.8	1																	
MYKA	2.22	229.8	Pn	10:29:00.889	1.8	T__	59.1	64.3	0.36	---	14714759	FDSN	IR	--	ISC	iLoc	???	???	_	
MYKA	2.22	229.8	Sn	10:29:29.616	2.3	T__		100.6	0.36	---	14714760	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	2.26	182.0	Pn	10:29:00.400	0.6	T__				14714761	FDSN	IR	--	ISC	iLoc	???	???	_		
ZAG	2.27	182.0	Pg	10:29:08.320	1.9	T__				14714762	FDSN	CR	--	BUD	iLoc	BHZ	???	_		
DPC	2.27	3.6	Pn	10:29:00.400	0.7	T__				14714763	FDSN	IR	--	ISC	iLoc	???	???	_		
DPC	2.27	3.6	Pg	10:29:00.800	-3.3	T__				14714764	FDSN	IR	--	ISC	iLoc	???	???	_		
DPC	2.27	3.6	Lg	10:29:32.700	-0.8	T__		1029.1	0.60	---	14714766	FDSN	IR	--	ISC	iLoc	???	???	_	
DPC	2.27	3.6	AMS	10:29:40.000	-99.0	---		600.0	6.30	---	14714767	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	2.31	191.2	Pn	10:29:01.462	1.1	T__	10.9	2.1	---	MLv	4.1	14714768	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	2.31	191.2	Pg	10:29:04.700	-2.3	T__		2.1	---	14714769	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML	:	4.1	1																	
LJU	2.31	208.3	Pg	10:29:04.600	-1.9	T__				14714770	FDSN	IR	--	ISC	iLoc	???	???	_		
A272A	2.37	123.6	Pn	10:29:01.450	0.5	T__	6.8	0.9	---	MLv	3.8	14714771	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	3.8	1																	
WET	2.38	297.5	Pn	10:29:02.600	1.4	T__				14714772	FDSN	IR	--	ISC	iLoc	???	???	_		
UPC	2.42	358.7	Pn	10:29:02.800	1.1	T__				14714773	FDSN	IR	--	ISC	iLoc	???	???	_		

UPC	2.42	358.7	Lg	10:29:37.700	-0.2	T__	999.5	0.40	---	14714774	FDSN	IR	--	ISC	iLoc	???	???	_		
KOVH	2.42	145.0	Pn	10:29:01.800	-0.1	T__	0.5	---	---	14714775	FDSN	IR	--	ISC	iLoc	???	???	_		
KOVH	2.42	145.0	Pg	10:29:02.195	-7.8	---	19.6	0.5	---	MLv	3.5	14714776	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.5 0																				
CADS	2.46	221.8	Pn	10:29:04.460	2.0	T__	---	---	---	14714777	FDSN	IR	--	ISC	iLoc	???	???	_		
CADS	2.46	221.8	Pg	10:29:08.840	-0.4	T__	---	---	---	14714778	FDSN	IR	--	ISC	iLoc	???	???	_		
CADS	2.46	221.8	Sn	10:29:32.200	-1.2	T__	---	---	---	14714779	FDSN	IR	--	ISC	iLoc	???	???	_		
OSTC	2.47	1.7	Pn	10:29:03.700	1.2	T__	---	---	---	14714780	FDSN	IR	--	ISC	iLoc	???	???	_		
OSTC	2.47	1.7	Lg	10:29:40.000	0.5	T__	1103.5	0.50	---	14714781	FDSN	IR	--	ISC	iLoc	???	???	_		
A273A	2.47	151.0	Pn	10:29:03.476	0.9	T__	5.5	1.0	---	MLv	3.9	14714782	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.9 1																				
LANS	2.47	63.3	Pn	10:29:03.500	0.8	T__	1.7	---	---	14714783	FDSN	IR	--	ISC	iLoc	???	???	_		
LANS	2.47	63.3	Pg	10:29:03.700	-6.7	---	1.7	---	---	14714784	FDSN	IR	--	ISC	iLoc	???	???	_		
CHVC	2.50	359.3	Pn	10:29:03.900	1.0	T__	---	---	---	14714785	FDSN	IR	--	ISC	iLoc	???	???	_		
CHVC	2.50	359.3	Lg	10:29:41.700	1.2	T__	1016.5	0.50	---	14714786	FDSN	IR	--	ISC	iLoc	???	???	_		
CHVC	2.50	359.3	AMS	10:29:50.000	-99.0	---	900.0	4.90	---	14714787	FDSN	IR	--	ISC	iLoc	???	???	_		
OZLJ	2.51	190.2	Pn	10:29:04.800	1.7	T__	---	---	---	14714788	FDSN	IR	--	ISC	iLoc	???	???	_		
OZLJ	2.51	190.2	Sn	10:29:33.450	-1.2	T__	---	---	---	14714789	FDSN	IR	--	ISC	iLoc	???	???	_		
MOSL	2.52	169.5	Pn	10:29:04.270	0.7	T__	---	---	---	14714790	FDSN	IR	--	ISC	iLoc	???	???	_		
MOSL	2.52	169.5	Sn	10:29:32.880	-2.2	T__	---	---	---	14714791	FDSN	IR	--	ISC	iLoc	???	???	_		
ET1H	2.54	93.4	Pn	10:29:04.453	0.9	T__	15.9	0.3	---	MLv	3.4	14714792	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	2.54	93.4	Sn	10:29:35.426	0.9	T__	---	---	---	14714793	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Station ML : 3.4 0																				
PSZ	2.55	92.4	Pn	10:29:03.985	0.0	T__	33.1	0.8	---	MLv	3.8	14714794	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	2.55	92.4	Sn	10:29:35.462	0.3	T__	---	---	---	14714795	FDSN	GE	--	BUD	iLoc	BHN	???	_		
PSZ	2.55	92.4	Pg	10:29:03.850	-9.3	---	---	---	---	14714796	FDSN	IR	--	ISC	iLoc	???	???	_		
PSZ	2.55	92.4	Pb	10:29:04.088	-9.0	---	---	---	---	14714797	FDSN	IR	--	ISC	iLoc	???	???	_		
PSZ	2.55	92.4	Pn	10:29:04.100	0.2	---	---	---	---	14714798	FDSN	IR	--	ISC	iLoc	???	???	_		
PSZ	2.55	92.4	x	10:29:04.200	-99.0	---	0.8	---	---	14714799	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 3.8 1																				
MORH	2.55	136.3	Pn	10:29:03.792	0.2	T__	23.9	0.6	---	MLv	3.7	14714800	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	2.56	136.3	Pg	10:29:03.500	-8.7	---	---	---	---	14714801	FDSN	IR	--	ISC	iLoc	???	???	_		
MORH	2.56	136.3	Pb	10:29:03.900	-8.3	---	---	---	---	14714802	FDSN	IR	--	ISC	iLoc	???	???	_		
MORH	2.56	136.3	Pn	10:29:03.938	0.3	---	---	---	---	14714803	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 3.7 1																				
ROBS	2.56	224.7	Pn	10:29:06.070	2.4	T__	---	---	---	14714804	FDSN	IR	--	ISC	iLoc	???	???	_		
ROBS	2.56	224.7	Pg	10:29:11.050	0.2	T__	---	---	---	14714805	FDSN	IR	--	ISC	iLoc	???	???	_		
ROBS	2.56	224.7	Sn	10:29:36.020	0.5	T__	---	---	---	14714806	FDSN	IR	--	ISC	iLoc	???	???	_		
CEY	2.62	206.6	Pn	10:29:06.200	1.6	T__	---	---	---	14714807	FDSN	IR	--	ISC	iLoc	???	???	_		
PVCC	2.64	338.3	Pn	10:29:05.700	1.1	T__	---	---	---	14714808	FDSN	IR	--	ISC	iLoc	???	???	_		
PVCC	2.64	338.3	Pg	10:29:06.000	-5.9	---	---	---	---	14714809	FDSN	IR	--	ISC	iLoc	???	???	_		
PVCC	2.64	338.3	Pb	10:29:06.100	-5.8	---	---	---	---	14714810	FDSN	IR	--	ISC	iLoc	???	???	_		
BOJS	2.65	193.0	Pn	10:29:06.170	1.1	T__	---	---	---	14714811	FDSN	IR	--	ISC	iLoc	???	???	_		
KSP	2.76	2.5	Pn	10:29:07.190	0.7	T__	---	---	---	14714812	FDSN	IR	--	ISC	iLoc	???	???	_		
KSP	2.76	2.5	Pn	10:29:07.200	0.7	T__	3.4	---	---	14714813	FDSN	IR	--	ISC	iLoc	???	???	_		
KSP	2.76	2.5	Pg	10:29:07.300	-5.6	---	---	---	---	14714814	FDSN	IR	--	ISC	iLoc	???	???	_		
KSP	2.76	2.5	Pg	10:29:07.300	-5.6	---	3.4	---	---	14714815	FDSN	IR	--	ISC	iLoc	???	???	_		
KSP	2.76	2.5	Pb	10:29:07.400	-5.5	---	---	---	---	14714816	FDSN	IR	--	ISC	iLoc	???	???	_		
KSP	2.76	2.5	Lg	10:29:47.400	-0.8	T__	---	---	---	14714817	FDSN	IR	--	ISC	iLoc	???	???	_		
ABTA	2.78	242.5	Pn	10:29:08.628	1.6	T__	36.0	32.8	0.50	---	14714818	FDSN	IR	--	ISC	iLoc	???	???	_	
ABTA	2.78	242.5	Lg	10:29:49.993	-2.4	T__	100.1	0.34	---	14714819	FDSN	IR	--	ISC	iLoc	???	???	_		
TRI	2.87	214.8	Pn	10:29:09.800	1.8	T__	---	---	---	14714820	FDSN	IR	--	ISC	iLoc	???	???	_		
TRI	2.87	214.8	Pg	10:29:10.370	-6.2	---	---	---	---	14714821	FDSN	IR	--	ISC	iLoc	???	???	_		

A252A	2.91	155.0	Pn	10:29:09.720	0.8	T__					14714822	FDSN	IR	--	ISC	iLoc	???	???	_	
A252A	2.91	155.0	Sn	10:29:42.720	-1.7	T__					14714823	FDSN	IR	--	ISC	iLoc	???	???	_	
SKDS	2.92	210.1	Pn	10:29:10.500	1.6	T__					14714824	FDSN	IR	--	ISC	iLoc	???	???	_	
SKDS	2.92	210.1	Pg	10:29:10.730	-6.9	---					14714825	FDSN	IR	--	ISC	iLoc	???	???	_	
BSZH	2.92	104.1	Pn	10:29:09.600	0.7	T__					14714826	FDSN	IR	--	ISC	iLoc	???	???	_	
BSZH	2.92	104.1	Pg	10:29:09.728	-10.9	---	6.1	0.3	---	MLv	3.6	14714827	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	2.92	104.1	Pb	10:29:09.923	-10.7	---					14714828	FDSN	IR	--	ISC	iLoc	???	???	_	
BSZH	2.92	104.1	x	10:29:10.000	-99.0	---		0.3	---		14714829	FDSN	IR	--	ISC	iLoc	???	???	_	
BSZH	2.92	104.1	Sn	10:29:45.057	1.1	T__					14714830	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 3.6 0																				
STAL	2.95	232.9	Pn	10:29:11.020	1.8	T__					14714831	FDSN	IR	--	ISC	iLoc	???	???	_	
KECS	2.95	80.7	Pn	10:29:09.735	0.4	T__	37.3	2.9	---	MLv	4.6	14714832	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	2.95	80.7	Pg	10:29:19.200	-0.8	T__					14714833	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 4.6 0																				
RIY	2.98	202.5	Pn	10:29:10.700	1.0	T__					14714834	FDSN	IR	--	ISC	iLoc	???	???	_	
RIY	2.98	202.5	Pg	10:29:11.180	-8.0	---					14714835	FDSN	IR	--	ISC	iLoc	???	???	_	
RIY	2.98	202.5	Sn	10:29:46.110	0.0	T__					14714836	FDSN	IR	--	ISC	iLoc	???	???	_	
NIE	3.08	62.9	Pn	10:29:13.120	1.8	T__					14714837	FDSN	IR	--	ISC	iLoc	???	???	_	
NIE	3.08	62.9	Sn	10:29:52.050	2.9	T__					14714838	FDSN	IR	--	ISC	iLoc	???	???	_	
A250A	3.12	195.7	Pn	10:29:13.230	1.3	T__					14714839	FDSN	IR	--	ISC	iLoc	???	???	_	
A250A	3.12	195.7	Sn	10:29:48.520	-1.1	T__					14714840	FDSN	IR	--	ISC	iLoc	???	???	_	
BRG	3.12	334.0	Pn	10:29:12.200	0.8	T__					14714841	FDSN	IR	--	ISC	iLoc	???	???	_	
BRG	3.12	334.0	Pg	10:29:12.230	-9.3	---					14714842	FDSN	IR	--	ISC	iLoc	???	???	_	
BRG	3.12	334.0	Pb	10:29:12.300	-9.2	---					14714843	FDSN	IR	--	ISC	iLoc	???	???	_	
BRG	3.12	334.0	Pg	10:29:19.800	-1.7	---					14714844	FDSN	IR	--	ISC	iLoc	???	???	_	
BRG	3.12	334.0	Lg	10:29:58.740	-2.9	T__					14714845	FDSN	IR	--	ISC	iLoc	???	???	_	
BRG	3.12	334.0	x	10:30:03.510	-99.0	---		382.0	0.47	---	14714846	FDSN	IR	--	ISC	iLoc	???	???	_	
WTTA	3.13	256.3	Pn	10:29:13.800	1.6	T__					14714847	FDSN	IR	--	ISC	iLoc	???	???	_	
WTTA	3.13	256.3	Pg	10:29:14.143	-8.8	---	25.6	8.1	0.32	---	14714848	FDSN	IR	--	ISC	iLoc	???	???	_	
WTTA	3.13	256.3	Pb	10:29:14.400	-8.6	---					14714849	FDSN	IR	--	ISC	iLoc	???	???	_	
WATA	3.15	257.8	Pn	10:29:14.273	2.0	T__	12.3	14.1	0.22	---	14714850	FDSN	IR	--	ISC	iLoc	???	???	_	
WATA	3.15	257.8	Lg	10:30:00.532	-4.1	T__		187.4	0.38	---	14714851	FDSN	IR	--	ISC	iLoc	???	???	_	
GRC1	3.17	288.3	Pn	10:29:14.570	2.4	T__					14714852	FDSN	IR	--	ISC	iLoc	???	???	_	
GRC1	3.17	288.3	x	10:30:03.010	-99.0	---					14714853	FDSN	IR	--	ISC	iLoc	???	???	_	
NKC	3.22	313.2	Pn	10:29:14.000	1.4	T__					14714854	FDSN	IR	--	ISC	iLoc	???	???	_	
NKC	3.22	313.2	Pg	10:29:14.200	-9.5	---					14714855	FDSN	IR	--	ISC	iLoc	???	???	_	
NKC	3.22	313.2	Pb	10:29:15.000	-8.7	---					14714856	FDSN	IR	--	ISC	iLoc	???	???	_	
NKC	3.22	313.2	Lg	10:30:04.100	-1.4	T__		652.7	0.80	---	14714857	FDSN	IR	--	ISC	iLoc	???	???	_	
NKC	3.22	313.2	AMS	10:30:20.000	-99.0	---		1000.0	5.60	---	14714858	FDSN	IR	--	ISC	iLoc	???	???	_	
PLIT	3.23	186.0	Pn	10:29:14.510	1.0	T__					14714859	FDSN	IR	--	ISC	iLoc	???	???	_	
PLIT	3.23	186.0	Sn	10:29:50.550	-1.7	T__					14714860	FDSN	IR	--	ISC	iLoc	???	???	_	
OJC	3.23	47.3	Pn	10:29:12.900	-0.7	T__					14714861	FDSN	IR	--	ISC	iLoc	???	???	_	
OJC	3.23	47.3	Pg	10:29:13.100	-10.8	---					14714862	FDSN	IR	--	ISC	iLoc	???	???	_	
OJC	3.23	47.3	Pb	10:29:13.234	-10.7	---	27.6	0.5	---	MLv	4.0	14714863	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	3.23	47.3	x	10:29:20.300	-99.0	---					14714864	FDSN	IR	--	ISC	iLoc	???	???	_	
OJC	3.23	47.3	Sn	10:29:50.670	-2.9	T__					14714865	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 4.0 1																				
TANN	3.33	315.7	Pn	10:29:15.400	1.1	T__					14714866	FDSN	IR	--	ISC	iLoc	???	???	_	
TANN	3.33	315.7	Pg	10:29:15.800	-10.2	---					14714867	FDSN	IR	--	ISC	iLoc	???	???	_	
SMRN	3.34	204.4	Pn	10:29:16.490	1.7	T__					14714868	FDSN	IR	--	ISC	iLoc	???	???	_	
SMRN	3.34	204.4	Sn	10:29:54.520	-0.3	T__					14714869	FDSN	IR	--	ISC	iLoc	???	???	_	
BLY	3.39	166.8	Pn	10:29:17.035	1.5	T__	9.2	0.4	---	MLv	4.0	14714870	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 4.0 1																				



SQTA	3.42	257.1	Pn	10:29:17.437	1.4	T__	16.5	5.0	0.28	---	14714871	FDSN	IR	--	ISC	iLoc	???	???	-
SQTA	3.42	257.1	Sn	10:29:58.593	1.8	T__		72.2	0.30	---	14714872	FDSN	IR	--	ISC	iLoc	???	???	-
SQTA	3.42	257.1	Lg	10:30:12.233	-0.7	T__		46.8	0.22	---	14714873	FDSN	IR	--	ISC	iLoc	???	???	-
BLY	3.42	167.0	Pg	10:29:16.800	-11.8	---		0.4		---	14714874	FDSN	IR	--	ISC	iLoc	???	???	-
(Station ML : 4.0 1																			
MOTA	3.45	259.4	Pn	10:29:17.160	0.5	T__	12.0	2.4	0.28	---	14714875	FDSN	IR	--	ISC	iLoc	???	???	-
MOTA	3.45	259.4	Pg	10:29:27.054	-2.0	T__		33.0	0.42	---	14714876	FDSN	IR	--	ISC	iLoc	???	???	-
MOTA	3.45	259.4	Lg	10:30:12.079	-2.3	T__		59.7	0.26	---	14714877	FDSN	IR	--	ISC	iLoc	???	???	-
RABC	3.46	195.8	Pn	10:29:18.510	1.8	T__				---	14714878	FDSN	IR	--	ISC	iLoc	???	???	-
RABC	3.46	195.8	Sn	10:29:57.670	0.1	T__				---	14714879	FDSN	IR	--	ISC	iLoc	???	???	-
UDBI	3.57	183.9	Pn	10:29:19.830	1.2	T__				---	14714880	FDSN	IR	--	ISC	iLoc	???	???	-
UDBI	3.57	183.9	Sn	10:29:58.960	-2.0	T__				---	14714881	FDSN	IR	--	ISC	iLoc	???	???	-
BRJN	3.57	207.9	Pn	10:29:19.780	1.4	T__				---	14714882	FDSN	IR	--	ISC	iLoc	???	???	-
BRJN	3.57	207.9	Sn	10:30:00.020	-1.3	T__				---	14714883	FDSN	IR	--	ISC	iLoc	???	???	-
GRA1	3.60	298.3	Pn	10:29:19.440	1.6	T__				---	14714884	FDSN	IR	--	ISC	iLoc	???	???	-
GRA1	3.60	298.3	Pg	10:29:20.290	-10.5	---				---	14714885	FDSN	IR	--	ISC	iLoc	???	???	-
GRA1	3.60	298.3	x	10:30:16.420	-99.0	---				---	14714886	FDSN	IR	--	ISC	iLoc	???	???	-
GRFO	3.60	298.3	Pn	10:29:18.100	0.3	T__				---	14714887	FDSN	IR	--	ISC	iLoc	???	???	-
GRFO	3.60	298.3	Pg	10:29:20.310	-10.5	---				---	14714888	FDSN	IR	--	ISC	iLoc	???	???	-
NVLJ	3.63	194.0	Pn	10:29:20.650	1.6	T__				---	14714889	FDSN	IR	--	ISC	iLoc	???	???	-
NVLJ	3.63	194.0	Sn	10:30:01.750	0.1	T__				---	14714890	FDSN	IR	--	ISC	iLoc	???	???	-
RETA	3.65	262.5	Pn	10:29:22.030	2.9	T__				---	14714891	FDSN	IR	--	ISC	iLoc	???	???	-
RETA	3.65	262.5	Pg	10:29:30.975	-1.7	T__	13.6	0.8	0.12	---	14714892	FDSN	IR	--	ISC	iLoc	???	???	-
RETA	3.65	262.5	x	10:30:18.800	-99.0	---				---	14714893	FDSN	IR	--	ISC	iLoc	???	???	-
CRVS	3.66	75.2	Pn	10:29:19.800	0.3	T__				---	14714894	FDSN	IR	--	ISC	iLoc	???	???	-
CRVS	3.66	75.2	Pg	10:29:20.200	-12.3	---		0.1		---	14714895	FDSN	IR	--	ISC	iLoc	???	???	-
CRVS	3.66	75.2	Pb	10:29:19.918	-12.6	---	10.3	0.1		MLv 3.4	14714896	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
(Station ML : 3.4 0																			
CTI	3.66	237.8	Pn	10:29:21.160	1.6	T__				---	14714897	FDSN	IR	--	ISC	iLoc	???	???	-
MGRS	3.74	169.1	Pn	10:29:22.000	1.4	T__				---	14714898	FDSN	IR	--	ISC	iLoc	???	???	-
FETA	3.79	255.6	Pn	10:29:23.262	1.9	T__	9.0	6.8	0.22	---	14714899	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	3.80	329.2	Pn	10:29:21.600	0.8	T__				---	14714900	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	3.80	329.2	Pg	10:29:21.850	-13.0	---				---	14714901	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	3.80	329.2	Pb	10:29:22.400	-12.5	---				---	14714902	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	3.80	329.2	Pn	10:29:22.600	1.8	---		35.0	0.40	---	14714903	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	3.80	329.2	Pg	10:29:36.300	1.4	---				---	14714904	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	3.80	329.2	Lg	10:30:19.100	-5.0	T__		847.0	0.70	---	14714905	FDSN	IR	--	ISC	iLoc	???	???	-
VIRC	3.87	191.2	Pn	10:29:23.850	1.3	T__				---	14714906	FDSN	IR	--	ISC	iLoc	???	???	-
VIRC	3.87	191.2	Sn	10:30:06.430	-1.3	T__				---	14714907	FDSN	IR	--	ISC	iLoc	???	???	-
MOX	3.89	312.8	Pn	10:29:23.400	1.5	T__				---	14714908	FDSN	IR	--	ISC	iLoc	???	???	-
MOX	3.89	312.8	Pg	10:29:24.000	-12.6	---				---	14714909	FDSN	IR	--	ISC	iLoc	???	???	-
FRGS	3.89	137.6	Pn	10:29:21.500	-0.8	T__				---	14714910	FDSN	IR	--	ISC	iLoc	???	???	-
FRGS	3.89	137.6	Pg	10:29:21.725	-15.1	---				---	14714911	FDSN	IR	--	ISC	iLoc	???	???	-
OBBER	3.98	262.3	Px	10:29:25.910	-99.0	---				---	14714912	FDSN	IR	--	ISC	iLoc	???	???	-
UBR	4.05	266.4	Pn	10:29:26.200	1.5	T__				---	14714913	FDSN	IR	--	ISC	iLoc	???	???	-
UBR	4.05	266.4	Pg	10:29:26.410	-14.3	---				---	14714914	FDSN	IR	--	ISC	iLoc	???	???	-
UBR	4.05	266.4	Pb	10:29:27.000	-13.7	---				---	14714915	FDSN	IR	--	ISC	iLoc	???	???	-
UBR	4.05	266.4	x	10:30:13.540	-99.0	---				---	14714916	FDSN	IR	--	ISC	iLoc	???	???	-
TEOL	4.09	229.8	Pn	10:29:26.160	0.6	T__				---	14714917	FDSN	IR	--	ISC	iLoc	???	???	-
KIJV	4.09	176.9	Pn	10:29:26.570	0.7	T__				---	14714918	FDSN	IR	--	ISC	iLoc	???	???	-
KIJV	4.09	176.9	Pg	10:29:26.900	-14.2	---				---	14714919	FDSN	IR	--	ISC	iLoc	???	???	-
KIJV	4.09	176.9	Pb	10:29:27.400	-13.7	---				---	14714920	FDSN	IR	--	ISC	iLoc	???	???	-
KIJV	4.09	176.9	Sn	10:30:12.300	-1.2	T__				---	14714921	FDSN	IR	--	ISC	iLoc	???	???	-

DUGI	4.16	190.4	Pn	10:29:27.900	0.9	T__				14714922	FDSN	IR	--	ISC	iLoc	???	???	_			
DUGI	4.16	190.4	Sn	10:30:13.830	-1.8	T__				14714923	FDSN	IR	--	ISC	iLoc	???	???	_			
KOLS	4.19	76.1	Pn	10:29:26.700	-0.4	T__				14714924	FDSN	IR	--	ISC	iLoc	???	???	_			
KOLS	4.19	76.1	Pg	10:29:26.969	-15.3	---	16.9	51.4	---	MLv	6.4	14714925	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
KOLS	4.19	76.1	Pb	10:29:31.700	-10.5	---		51.4	---			14714926	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 6.4 0)																					
SIRR	4.21	113.6	Pn	10:29:28.500	1.6	T__		0.1	---		14714927	FDSN	IR	--	ISC	iLoc	???	???	_		
SIRR	4.21	113.6	Pg	10:29:26.705	-18.6	---	6.6	0.1	---	MLv	3.8	14714928	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 3.8 1)																					
MORI	4.23	183.9	Pn	10:29:29.080	1.1	T__			---		14714929	FDSN	IR	--	ISC	iLoc	???	???	_		
MORI	4.23	183.9	Sn	10:30:15.470	-1.7	T__			---		14714930	FDSN	IR	--	ISC	iLoc	???	???	_		
TEKS	4.26	144.9	Pn	10:29:26.900	-0.7	T__			---		14714931	FDSN	IR	--	ISC	iLoc	???	???	_		
DAVA	4.28	261.5	Pn	10:29:29.302	1.1	T__		6.1	0.25	---	14714932	FDSN	IR	--	ISC	iLoc	???	???	_		
DAVA	4.28	261.5	Pg	10:29:29.500	-15.6	---			---		14714933	FDSN	IR	--	ISC	iLoc	???	???	_		
DAVA	4.28	261.5	Pb	10:29:29.550	-15.5	---			---		14714934	FDSN	IR	--	ISC	iLoc	???	???	_		
DAVA	4.28	261.5	Sn	10:30:18.092	0.2	T__		42.8	0.28	---	14714935	FDSN	IR	--	ISC	iLoc	???	???	_		
DAVA	4.28	261.5	Lg	10:30:38.720	-2.1	T__		116.7	0.40	---	14714936	FDSN	IR	--	ISC	iLoc	???	???	_		
TRPA	4.31	87.1	Pn	10:29:27.500	-1.3	T__			---		14714937	FDSN	IR	--	ISC	iLoc	???	???	_		
TRPA	4.31	87.1	Pg	10:29:27.700	-18.0	---			---		14714938	FDSN	IR	--	ISC	iLoc	???	???	_		
TRPA	4.31	87.1	Pb	10:29:27.740	-17.9	---			---		14714939	FDSN	IR	--	ISC	iLoc	???	???	_		
TRPA	4.31	87.1	x	10:29:41.694	-99.0	---			---		14714940	FDSN	HU	--	BUD	iLoc	BHZ	???	_		
DAVOX	4.42	255.1	Pn	10:29:31.575	1.3	T__	25.3	3.0	0.33	---	14714941	FDSN	IR	--	ISC	iLoc	???	???	_		
DAVOX	4.42	255.1	Pg	10:29:43.742	-3.9	T__	20.1	10.1	0.33	---	14714942	FDSN	IR	--	ISC	iLoc	???	???	_		
DAVOX	4.42	255.1	Sn	10:30:21.858	-0.1	T__	8.3	14.1	0.33	---	14714943	FDSN	IR	--	ISC	iLoc	???	???	_		
DAVOX	4.42	255.1	Lg	10:30:42.175	-2.7	T__	5.6	11.3	0.33	---	14714944	FDSN	IR	--	ISC	iLoc	???	???	_		
ZIRJ	4.45	184.3	Pn	10:29:32.100	1.0	T__			---		14714945	FDSN	IR	--	ISC	iLoc	???	???	_		
ZIRJ	4.45	184.3	Sn	10:30:20.920	-1.6	T__			---		14714946	FDSN	IR	--	ISC	iLoc	???	???	_		
SIND	4.48	288.7	Pn	10:29:19.250	-10.9	---			---		14714947	FDSN	IR	--	ISC	iLoc	???	???	_		
SIND	4.48	288.7	x	10:30:20.260	-99.0	---			---		14714948	FDSN	IR	--	ISC	iLoc	???	???	_		
BZS	4.52	121.1	Pn	10:29:30.800	-0.3	T__			---		14714949	FDSN	IR	--	ISC	iLoc	???	???	_		
BZS	4.52	121.1	Pg	10:29:31.090	-18.7	---			---		14714950	FDSN	IR	--	ISC	iLoc	???	???	_		
BZS	4.52	121.1	Pb	10:29:31.300	-18.5	---			---		14714951	FDSN	IR	--	ISC	iLoc	???	???	_		
BZS	4.52	121.1	x	10:29:32.000	-99.0	---		0.1	---		14714952	FDSN	IR	--	ISC	iLoc	???	???	_		
BUCH	4.52	277.1	Pn	10:29:32.360	1.4	T__			---		14714953	FDSN	IR	--	ISC	iLoc	???	???	_		
BUCH	4.52	277.1	x	10:30:21.240	-99.0	---			---		14714954	FDSN	IR	--	ISC	iLoc	???	???	_		
BZS	4.53	121.0	x	10:29:31.819	-99.0	---	4.2	0.1	---	MLv		14714955	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
WIMM	4.54	320.8	Pn	10:29:31.900	0.9	T__			---		14714956	FDSN	IR	--	ISC	iLoc	???	???	_		
SALO	4.55	239.2	Pn	10:29:32.940	0.9	T__			---		14714957	FDSN	IR	--	ISC	iLoc	???	???	_		
KWP	4.63	68.1	Pn	10:29:33.800	0.5	T__			---		14714958	FDSN	IR	--	ISC	iLoc	???	???	_		
KWP	4.63	68.1	Pg	10:29:34.120	-15.4	---			---		14714959	FDSN	IR	--	ISC	iLoc	???	???	_		
KWP	4.63	68.1	Pb	10:29:34.300	-15.2	---			---		14714960	FDSN	IR	--	ISC	iLoc	???	???	_		
KWP	4.63	68.1	Sn	10:30:28.370	-0.5	T__			---		14714961	FDSN	IR	--	ISC	iLoc	???	???	_		
STU	4.65	281.0	Pn	10:29:34.210	1.7	T__			---		14714962	FDSN	IR	--	ISC	iLoc	???	???	_		
STU	4.65	281.0	Pg	10:29:35.600	-15.3	---			---		14714963	FDSN	IR	--	ISC	iLoc	???	???	_		
STU	4.65	281.0	Px	10:30:51.470	-99.0	---			---		14714964	FDSN	IR	--	ISC	iLoc	???	???	_		
RICI	4.65	170.7	Pn	10:29:34.850	0.9	T__			---		14714965	FDSN	IR	--	ISC	iLoc	???	???	_		
RICI	4.65	170.7	Sn	10:30:25.950	-1.5	T__			---		14714966	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR	4.67	103.7	Pn	10:29:34.113	0.3	T__	11.5	0.3	---	MLv	4.2	14714967	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
DRGR	4.67	103.7	Pg	10:29:33.300	-21.0	---			---		14714968	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR	4.67	103.7	Pb	10:29:33.400	-20.9	---			---		14714969	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR	4.67	103.7	Pn	10:29:33.656	-0.2	---			---		14714970	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR	4.67	103.7	x	10:29:34.300	-99.0	---		0.3	---		14714971	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 4.2 1)																					

GUT	4.68	272.4	Pn	10:29:34.120	0.8	T__	---	---	14714972	FDSN	IR	--	ISC	iLoc	???	???	_		
GUT	4.68	272.4	x	10:30:24.800	-99.0	---	---	---	14714973	FDSN	IR	--	ISC	iLoc	???	???	_		
TUBL	4.70	277.9	x	10:30:54.120	-99.0	---	---	---	14714974	FDSN	IR	--	ISC	iLoc	???	???	_		
MESR	4.73	98.9	Pn	10:29:34.734	0.2	T__	---	---	14714975	FDSN	IR	--	ISC	iLoc	???	???	_		
BBLs	4.81	150.2	Pn	10:29:35.400	-0.0	T__	---	---	14714976	FDSN	IR	--	ISC	iLoc	???	???	_		
DIVS	4.82	144.4	Pn	10:29:34.690	-0.9	T__	---	---	14714977	FDSN	IR	--	ISC	iLoc	???	???	_		
DIVS	4.82	144.4	Pn	10:29:34.700	-0.9	T__	---	---	14714978	FDSN	IR	--	ISC	iLoc	???	???	_		
DIVS	4.82	144.4	Pg	10:29:35.000	-19.4	---	---	---	14714979	FDSN	IR	--	ISC	iLoc	???	???	_		
UBBA	4.83	306.7	Pn	10:29:37.700	3.2	T__	---	---	14714980	FDSN	IR	--	ISC	iLoc	???	???	_		
MAKA	4.85	172.0	Pn	10:29:36.830	0.1	T__	---	---	14714981	FDSN	IR	--	ISC	iLoc	???	???	_		
MAKA	4.85	172.0	Sn	10:30:30.710	-1.5	T__	---	---	14714982	FDSN	IR	--	ISC	iLoc	???	???	_		
TUE	4.87	253.1	Pn	10:29:37.770	1.2	T__	---	---	14714983	FDSN	IR	--	ISC	iLoc	???	???	_		
TUE	4.87	253.1	Pg	10:29:38.000	-18.0	---	---	---	14714984	FDSN	IR	--	ISC	iLoc	???	???	_		
TUE	4.87	253.1	Pb	10:29:38.600	-17.4	---	---	---	14714985	FDSN	IR	--	ISC	iLoc	???	???	_		
WILA	4.90	264.7	Pn	10:29:37.490	1.0	T__	---	---	14714986	FDSN	IR	--	ISC	iLoc	???	???	_		
WILA	4.90	264.7	x	10:30:30.720	-99.0	---	---	---	14714987	FDSN	IR	--	ISC	iLoc	???	???	_		
LBG	4.90	279.4	Pn	10:29:39.680	3.5	T__	---	---	14714988	FDSN	IR	--	ISC	iLoc	???	???	_		
LBG	4.90	279.4	x	10:30:33.520	-99.0	---	---	---	14714989	FDSN	IR	--	ISC	iLoc	???	???	_		
HVAR	4.92	177.0	Pn	10:29:38.490	0.6	T__	---	---	14714990	FDSN	IR	--	ISC	iLoc	???	???	_		
HVAR	4.92	177.0	Sn	10:30:32.240	-2.1	T__	---	---	14714991	FDSN	IR	--	ISC	iLoc	???	???	_		
BRET	5.01	283.4	Pn	10:29:39.160	1.6	T__	---	---	14714992	FDSN	IR	--	ISC	iLoc	???	???	_		
BRET	5.01	283.4	x	10:31:02.900	-99.0	---	---	---	14714993	FDSN	IR	--	ISC	iLoc	???	???	_		
RUDDO	5.02	151.8	Pn	10:29:34.900	-3.4	T__	---	---	14714994	FDSN	IR	--	ISC	iLoc	???	???	_		
TOD	5.05	290.2	Pn	10:29:40.110	1.8	T__	---	---	14714995	FDSN	IR	--	ISC	iLoc	???	???	_		
TOD	5.05	290.2	x	10:30:36.340	-99.0	---	---	---	14714996	FDSN	IR	--	ISC	iLoc	???	???	_		
WBA	5.05	290.8	Pn	10:29:40.360	2.1	T__	---	---	14714997	FDSN	IR	--	ISC	iLoc	???	???	_		
WBA	5.05	290.8	x	10:30:36.360	-99.0	---	---	---	14714998	FDSN	IR	--	ISC	iLoc	???	???	_		
MDVR	5.10	128.4	Pn	10:29:39.155	-0.3	T__	---	---	14714999	FDSN	IR	--	ISC	iLoc	???	???	_		
SLE	5.13	269.2	Pn	10:29:39.800	0.3	T__	91.7	0.80	---	14715000	FDSN	IR	--	ISC	iLoc	???	???	_	
SLE	5.13	269.2	Pg	10:29:40.140	-20.6	---	---	---	14715001	FDSN	IR	--	ISC	iLoc	???	???	_		
SLE	5.13	269.2	x	10:29:41.700	-99.0	---	109.2	0.50	---	14715002	FDSN	IR	--	ISC	iLoc	???	???	_	
SLE	5.13	269.2	x	10:30:36.740	-99.0	---	---	---	14715003	FDSN	IR	--	ISC	iLoc	???	???	_		
DEV	5.15	112.8	Pg	10:29:52.969	-9.6	---	---	---	14715004	FDSN	RO	--	BUD	iLoc	BHZ	???	_		
DEV	5.15	112.8	Pn	10:29:40.000	-0.1	T__	25.6	0.60	---	14715005	FDSN	IR	--	ISC	iLoc	???	???	_	
DEV	5.15	112.8	Pb	10:29:40.300	-22.4	---	25.6	0.60	---	14715006	FDSN	IR	--	ISC	iLoc	???	???	_	
DEV	5.15	112.8	x	10:29:40.300	-99.0	---	25.6	0.60	---	14715007	FDSN	IR	--	ISC	iLoc	???	???	_	
ZCCA	5.16	225.4	Pn	10:29:41.300	1.1	T__	---	---	14715008	FDSN	IR	--	ISC	iLoc	???	???	_		
BFO	5.20	275.5	Pn	10:29:41.020	0.6	T__	---	---	14715009	FDSN	IR	--	ISC	iLoc	???	???	_		
BFO	5.20	275.5	Pg	10:29:41.240	-20.7	---	---	---	14715010	FDSN	IR	--	ISC	iLoc	???	???	_		
BFO	5.20	275.5	Pb	10:29:41.300	-20.7	---	45.7	0.70	---	14715011	FDSN	IR	--	ISC	iLoc	???	???	_	
BFO	5.20	275.5	x	10:29:42.800	-99.0	---	44.2	0.70	---	14715012	FDSN	IR	--	ISC	iLoc	???	???	_	
BFO	5.20	275.5	x	10:30:36.990	-99.0	---	---	---	14715013	FDSN	IR	--	ISC	iLoc	???	???	_		
WBB	5.20	292.5	Pn	10:29:43.370	3.1	T__	---	---	14715014	FDSN	IR	--	ISC	iLoc	???	???	_		
WBB	5.20	292.5	x	10:31:10.300	-99.0	---	---	---	14715015	FDSN	IR	--	ISC	iLoc	???	???	_		
MUGIO	5.29	248.4	Pn	10:29:43.100	1.1	T__	22.8	0.70	---	14715016	FDSN	IR	--	ISC	iLoc	???	???	_	
OPP	5.30	277.4	x	10:29:10.700	-99.0	---	---	---	14715017	FDSN	IR	--	ISC	iLoc	???	???	_		
OPP	5.30	277.4	Pn	10:29:43.020	1.4	T__	---	---	14715018	FDSN	IR	--	ISC	iLoc	???	???	_		
GZR	5.32	118.0	Pn	10:29:43.614	1.0	T__	---	---	14715019	FDSN	IR	--	ISC	iLoc	???	???	_		
GZR	5.32	118.0	Pg	10:29:47.319	-18.0	---	4.9	0.1	MLv	3.8	14715020	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	5.32	118.0	Pg			---	10.1	0.79	mb	---	14715020	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.8 1																			
STON	5.34	167.3	Pn	10:29:44.270	0.8	T__	---	---	14715021	FDSN	IR	--	ISC	iLoc	???	???	_		
STON	5.34	167.3	Pg	10:29:44.600	-20.6	---	---	---	14715022	FDSN	IR	--	ISC	iLoc	???	???	_		

STON	5.34	167.3	Sn	10:30:42.930	-1.6	T__				14715023	FDSN	IR	--	ISC	iLoc	???	???	-
BNALP	5.34	259.7	Pn	10:29:43.500	0.8	T__	25.4	0.60	---	14715024	FDSN	IR	--	ISC	iLoc	???	???	-
BNALP	5.34	259.7	x	10:29:44.700	-99.0	---	25.4	0.60	---	14715025	FDSN	IR	--	ISC	iLoc	???	???	-
LSTV	5.35	173.7	Pn	10:29:43.960	-0.2	T__			---	14715026	FDSN	IR	--	ISC	iLoc	???	???	-
LSTV	5.35	173.7	Sn	10:30:43.260	-2.5	T__			---	14715027	FDSN	IR	--	ISC	iLoc	???	???	-
SULZ	5.41	267.0	x	10:29:10.100	-99.0	---			---	14715028	FDSN	IR	--	ISC	iLoc	???	???	-
SULZ	5.41	267.0	Pn	10:29:44.230	0.7	T__			---	14715029	FDSN	IR	--	ISC	iLoc	???	???	-
HERR	5.41	124.0	Pn	10:29:43.638	-0.1	T__			---	14715030	FDSN	IR	--	ISC	iLoc	???	???	-
MURB	5.44	208.7	Pn	10:29:44.810	1.0	T__			---	14715031	FDSN	IR	--	ISC	iLoc	???	???	-
FELD	5.44	270.8	x	10:29:10.400	-99.0	---			---	14715032	FDSN	IR	--	ISC	iLoc	???	???	-
FELD	5.44	270.8	Pn	10:29:44.230	0.1	T__			---	14715033	FDSN	IR	--	ISC	iLoc	???	???	-
KTD	5.45	286.0	Pn	10:29:47.590	3.7	T__			---	14715034	FDSN	IR	--	ISC	iLoc	???	???	-
KTD	5.45	286.0	x	10:31:18.200	-99.0	---			---	14715035	FDSN	IR	--	ISC	iLoc	???	???	-
TNS	5.46	295.9	Pn	10:29:45.800	2.0	T__	27.5	0.60	---	14715036	FDSN	IR	--	ISC	iLoc	???	???	-
TNS	5.46	295.9	x	10:29:47.200	-99.0	---	27.5	0.60	---	14715037	FDSN	IR	--	ISC	iLoc	???	???	-
KIZ	5.49	271.6	Pn	10:29:26.060	-18.4	---			---	14715038	FDSN	IR	--	ISC	iLoc	???	???	-
KIZ	5.49	271.6	x	10:30:09.940	-99.0	---			---	14715039	FDSN	IR	--	ISC	iLoc	???	???	-
FBB	5.53	272.1	Px	10:31:25.200	-99.0	---			---	14715040	FDSN	IR	--	ISC	iLoc	???	???	-
FBB	5.53	272.1	x	10:31:27.200	-99.0	---			---	14715041	FDSN	IR	--	ISC	iLoc	???	???	-
TREB	5.60	162.8	Pn	10:29:46.400	-0.6	T__			---	14715042	FDSN	IR	--	ISC	iLoc	???	???	-
DBRK	5.61	164.4	Pn	10:29:48.040	0.8	T__			---	14715043	FDSN	IR	--	ISC	iLoc	???	???	-
DBRK	5.61	164.4	Sn	10:30:48.780	-2.7	T__			---	14715044	FDSN	IR	--	ISC	iLoc	???	???	-
ENDD	5.64	269.3	x	10:29:10.400	-99.0	---			---	14715045	FDSN	IR	--	ISC	iLoc	???	???	-
ENDD	5.64	269.3	Pn	10:29:49.470	2.9	T__			---	14715046	FDSN	IR	--	ISC	iLoc	???	???	-
PEB	5.65	283.1	Pn	10:29:48.100	1.6	T__			---	14715047	FDSN	IR	--	ISC	iLoc	???	???	-
PEB	5.65	283.1	x	10:30:50.900	-99.0	---			---	14715048	FDSN	IR	--	ISC	iLoc	???	???	-
NRCA	5.66	202.9	Pn	10:29:47.100	0.1	T__			---	14715049	FDSN	IR	--	ISC	iLoc	???	???	-
ARCR	5.67	97.1	Pn	10:29:46.931	-1.1	T__			---	14715050	FDSN	IR	--	ISC	iLoc	???	???	-
OSSC	5.69	218.4	Pn	10:29:48.500	1.5	T__			---	14715051	FDSN	IR	--	ISC	iLoc	???	???	-
BALST	5.72	265.5	Pn	10:29:47.990	0.2	T__			---	14715052	FDSN	IR	--	ISC	iLoc	???	???	-
BALST	5.72	265.5	x	10:30:50.700	-99.0	---			---	14715053	FDSN	IR	--	ISC	iLoc	???	???	-
WLS	5.85	276.4	Px	10:29:36.660	-99.0	---			---	14715054	FDSN	IR	--	ISC	iLoc	???	???	-
WLS	5.85	276.4	x	10:31:00.500	-99.0	---			---	14715055	FDSN	IR	--	ISC	iLoc	???	???	-
CDF	5.90	276.4	Pn	10:29:50.500	0.2	T__			---	14715056	FDSN	IR	--	ISC	iLoc	???	???	-
CDF	5.90	276.4	Pg	10:30:14.000	-1.0	T__			---	14715057	FDSN	IR	--	ISC	iLoc	???	???	-
CDF	5.90	276.4	Sn	10:30:54.600	-1.4	T__			---	14715058	FDSN	IR	--	ISC	iLoc	???	???	-
CDF	5.90	276.4	Lg	10:31:28.700	-2.2	T__	116.0	0.78	---	14715059	FDSN	IR	--	ISC	iLoc	???	???	-
MSSA	5.93	232.9	Pn	10:29:52.150	1.5	T__			---	14715060	FDSN	IR	--	ISC	iLoc	???	???	-
ECH	5.99	274.5	Pn	10:29:52.240	1.0	T__			---	14715061	FDSN	IR	--	ISC	iLoc	???	???	-
ECH	5.99	274.5	Pg	10:29:52.620	-23.8	---			---	14715062	FDSN	IR	--	ISC	iLoc	???	???	-
ECH	5.99	274.5	x	10:30:57.800	-99.0	---			---	14715063	FDSN	IR	--	ISC	iLoc	???	???	-
BOURR	6.02	266.7	Pg	10:30:28.160	10.8	---			---	14715064	FDSN	IR	--	ISC	iLoc	???	???	-
BUR08	6.14	90.8	Pn	10:29:54.270	-0.6	T__			---	14715065	FDSN	IR	--	ISC	iLoc	???	???	-
BURAR	6.15	91.0	Pn	10:29:54.385	-0.7	T__			---	14715066	FDSN	IR	--	ISC	iLoc	???	???	-
BURAR	6.15	91.0	Pg	10:29:54.400	-26.5	---			---	14715067	FDSN	IR	--	ISC	iLoc	???	???	-
HINF	6.22	270.9	Pn	10:29:54.000	-0.6	T__			---	14715068	FDSN	IR	--	ISC	iLoc	???	???	-
HINF	6.22	270.9	Pg	10:30:19.900	-1.0	T__			---	14715069	FDSN	IR	--	ISC	iLoc	???	???	-
HINF	6.22	270.9	Sn	10:31:02.600	0.4	T__	15.8	0.36	---	14715070	FDSN	IR	--	ISC	iLoc	???	???	-
HINF	6.22	270.9	Lg	10:31:41.000	0.5	T__	91.2	0.80	---	14715071	FDSN	IR	--	ISC	iLoc	???	???	-
SEININ	6.24	257.2	Pn	10:29:55.720	0.6	T__			---	14715072	FDSN	IR	--	ISC	iLoc	???	???	-
DRME	6.29	158.6	Pn	10:29:57.000	0.4	T__			---	14715073	FDSN	IR	--	ISC	iLoc	???	???	-
CASP	6.45	216.7	Pn	10:29:57.490	0.1	T__			---	14715074	FDSN	IR	--	ISC	iLoc	???	???	-
ARR	6.47	111.7	Pn	10:29:58.413	-0.7	T__			---	14715075	FDSN	IR	--	ISC	iLoc	???	???	-

HAU	6.54	272.9	Pn	10:29:59.200	0.2	T__				14715076	FDSN	IR	--	ISC	iLoc	???	???	-
HAU	6.54	272.9	Pg	10:30:25.800	-0.8	T__				14715077	FDSN	IR	--	ISC	iLoc	???	???	-
HAU	6.54	272.9	Sn	10:31:09.900	-0.1	T__				14715078	FDSN	IR	--	ISC	iLoc	???	???	-
HAU	6.54	272.9	Lg	10:31:49.200	-0.9	T__	69.2	0.50		14715079	FDSN	IR	--	ISC	iLoc	???	???	-
VOIR	6.69	110.0	Pn	10:30:02.577	0.1	T__				14715080	FDSN	IR	--	ISC	iLoc	???	???	-
VOIR	6.69	110.0	Pg	10:30:02.700	-29.5	---		4.5	0.80	14715081	FDSN	IR	--	ISC	iLoc	???	???	-
VOIR	6.69	110.0	Pb	10:30:03.100	-29.1	---		4.5	0.80	14715082	FDSN	IR	--	ISC	iLoc	???	???	-
VOIR	6.69	110.0	x	10:30:03.100	-99.0	---		4.5	0.80	14715083	FDSN	IR	--	ISC	iLoc	???	???	-
BSEG	6.90	330.2	Pn	10:30:05.400	1.7	T__	19.5	1.30		14715084	FDSN	IR	--	ISC	iLoc	???	???	-
LPG	6.92	251.5	Pn	10:30:05.900	1.6	T__				14715085	FDSN	IR	--	ISC	iLoc	???	???	-
LPG	6.92	251.5	Sn	10:31:19.000	-2.0	T__	23.9	0.70		14715086	FDSN	IR	--	ISC	iLoc	???	???	-
LPL	6.93	251.7	Pn	10:30:04.100	-0.1	T__				14715087	FDSN	IR	--	ISC	iLoc	???	???	-
LPL	6.93	251.7	Sn	10:31:18.800	-1.9	T__	14.5	0.58		14715088	FDSN	IR	--	ISC	iLoc	???	???	-
PAGF	6.94	277.7	Pn	10:30:03.900	-0.6	T__				14715089	FDSN	IR	--	ISC	iLoc	???	???	-
PAGF	6.94	277.7	Pg	10:30:09.300	-24.3	---				14715090	FDSN	IR	--	ISC	iLoc	???	???	-
PAGF	6.94	277.7	Pb	10:30:32.800	-0.8	T__				14715091	FDSN	IR	--	ISC	iLoc	???	???	-
PAGF	6.94	277.7	Sn	10:31:19.300	-1.4	T__	23.8	0.70		14715092	FDSN	IR	--	ISC	iLoc	???	???	-
PAGF	6.94	277.7	Lg	10:32:03.300	0.6	T__	73.2	0.82		14715093	FDSN	IR	--	ISC	iLoc	???	???	-
CABF	6.96	261.4	Pn	10:30:04.300	-0.6	T__				14715094	FDSN	IR	--	ISC	iLoc	???	???	-
CABF	6.96	261.4	Pg	10:30:33.700	-1.4	T__				14715095	FDSN	IR	--	ISC	iLoc	???	???	-
CABF	6.96	261.4	Sn	10:31:17.100	-3.1	T__				14715096	FDSN	IR	--	ISC	iLoc	???	???	-
CABF	6.96	261.4	Lg	10:32:04.200	-0.2	T__	63.0	0.90		14715097	FDSN	IR	--	ISC	iLoc	???	???	-
BNI	7.17	248.4	Pn	10:30:09.400	2.2	T__	22.2	2.50		14715098	FDSN	IR	--	ISC	iLoc	???	???	-
BNI	7.17	248.4	Pg	10:30:09.440	-25.6	---				14715099	FDSN	IR	--	ISC	iLoc	???	???	-
BNI	7.17	248.4	Pb	10:30:10.300	-24.8	---		21.8	1.90	14715100	FDSN	IR	--	ISC	iLoc	???	???	-
MLR	7.24	107.4	Pn	10:30:09.870	-0.6	T__	1.7	0.3	0.33	14715101	FDSN	IR	--	ISC	iLoc	???	???	-
MLR	7.24	107.4	Sn	10:31:29.370	-3.3	T__	1.6	0.4	0.33	14715102	FDSN	IR	--	ISC	iLoc	???	???	-
MBDF	7.27	245.9	Pn	10:30:10.200	1.5	T__				14715103	FDSN	IR	--	ISC	iLoc	???	???	-
MBDF	7.27	245.9	Pg	10:30:39.500	2.7	T__				14715104	FDSN	IR	--	ISC	iLoc	???	???	-
MBDF	7.27	245.9	Sn	10:31:27.300	-1.4	T__	27.2	0.94		14715105	FDSN	IR	--	ISC	iLoc	???	???	-
SAVF	7.33	278.2	Pn	10:30:13.000	2.9	T__				14715106	FDSN	IR	--	ISC	iLoc	???	???	-
SAVF	7.33	278.2	Pg	10:30:40.500	-0.4	T__				14715107	FDSN	IR	--	ISC	iLoc	???	???	-
SAVF	7.33	278.2	Sn	10:31:29.700	-0.8	T__				14715108	FDSN	IR	--	ISC	iLoc	???	???	-
SAVF	7.33	278.2	Lg	10:32:15.200	-0.1	T__	49.5	0.83		14715109	FDSN	IR	--	ISC	iLoc	???	???	-
SBF	7.37	238.2	Pn	10:30:10.200	-0.2	T__				14715110	FDSN	IR	--	ISC	iLoc	???	???	-
SBF	7.37	238.2	Sn	10:31:29.200	-3.3	T__	24.9	0.78		14715111	FDSN	IR	--	ISC	iLoc	???	???	-
MEZF	7.38	277.3	Pn	10:30:14.700	4.0	T__				14715112	FDSN	IR	--	ISC	iLoc	???	???	-
MEZF	7.38	277.3	Pg	10:30:41.500	-0.3	T__				14715113	FDSN	IR	--	ISC	iLoc	???	???	-
MEZF	7.38	277.3	Sn	10:31:31.900	0.5	T__				14715114	FDSN	IR	--	ISC	iLoc	???	???	-
MEZF	7.38	277.3	Lg	10:32:17.500	0.8	T__	67.8	1.06		14715115	FDSN	IR	--	ISC	iLoc	???	???	-
SFTF	7.40	275.0	Pn	10:30:15.100	4.1	T__				14715116	FDSN	IR	--	ISC	iLoc	???	???	-
SFTF	7.40	275.0	Pg	10:30:41.200	-1.0	T__				14715117	FDSN	IR	--	ISC	iLoc	???	???	-
SFTF	7.40	275.0	Sn	10:31:31.100	-0.1	T__	16.6	0.70		14715118	FDSN	IR	--	ISC	iLoc	???	???	-
SFTF	7.40	275.0	Lg	10:32:18.400	1.1	T__	38.0	0.59		14715119	FDSN	IR	--	ISC	iLoc	???	???	-
VTS	7.43	134.8	Pn	10:30:12.630	0.5	T__				14715120	FDSN	IR	--	ISC	iLoc	???	???	-
PGF	7.46	224.7	Pn	10:30:11.600	-0.4	T__				14715121	FDSN	IR	--	ISC	iLoc	???	???	-
PGF	7.46	224.7	Sn	10:31:31.000	-3.2	T__		0.6	0.29	14715122	FDSN	IR	--	ISC	iLoc	???	???	-
OGAG	7.55	244.8	Pn	10:30:13.100	0.5	T__	40.5	0.60		14715123	FDSN	IR	--	ISC	iLoc	???	???	-
OGAG	7.55	244.8	Pg	10:30:13.600	-28.7	---		40.4	0.60	14715124	FDSN	IR	--	ISC	iLoc	???	???	-
OGAG	7.55	244.8	x	10:30:13.600	-99.0	---		40.4	0.60	14715125	FDSN	IR	--	ISC	iLoc	???	???	-
PLOR	7.56	103.3	Pn	10:30:13.459	-1.3	T__				14715126	FDSN	IR	--	ISC	iLoc	???	???	-
VRI	7.60	103.1	Pn	10:30:14.000	-1.3	T__		4.9	0.50	14715127	FDSN	IR	--	ISC	iLoc	???	???	-
VRI	7.60	103.1	Pg	10:30:14.260	-35.9	---				14715128	FDSN	IR	--	ISC	iLoc	???	???	-

GIVF	7.67	289.4	Pn	10:30:14.500	-0.4	T__				14715129	FDSN	IR	--	ISC	iLoc	???	???	_
GIVF	7.67	289.4	Pg	10:30:47.600	0.5	T__				14715130	FDSN	IR	--	ISC	iLoc	???	???	_
GIVF	7.67	289.4	Sn	10:31:38.600	-1.0	T__		32.4	0.94	14715131	FDSN	IR	--	ISC	iLoc	???	???	_
GIVF	7.67	289.4	Lg	10:32:26.300	0.2	T__		48.6	0.88	14715132	FDSN	IR	--	ISC	iLoc	???	???	_
ORIF	7.73	249.6	Pn	10:30:16.700	1.4	T__		25.9	0.50	14715133	FDSN	IR	--	ISC	iLoc	???	???	_
ORIF	7.73	249.6	Pg	10:30:17.200	-28.8	---		26.1	0.50	14715135	FDSN	IR	--	ISC	iLoc	???	???	_
ORIF	7.73	249.6	x	10:30:17.200	-99.0	---		26.1	0.50	14715136	FDSN	IR	--	ISC	iLoc	???	???	_
ORIF	7.73	249.6	Pb	10:30:47.400	1.4	T__				14715137	FDSN	IR	--	ISC	iLoc	???	???	_
ORIF	7.73	249.6	Sn	10:31:39.400	-0.6	T__		23.6	0.62	14715138	FDSN	IR	--	ISC	iLoc	???	???	_
BAIF	8.06	288.6	Pn	10:30:24.100	3.9	T__				14715139	FDSN	IR	--	ISC	iLoc	???	???	_
BAIF	8.06	288.6	Sn	10:31:46.400	-2.4	T__		9.6	0.52	14715140	FDSN	IR	--	ISC	iLoc	???	???	_
BAIF	8.06	288.6	Lg	10:32:38.300	0.2	T__		51.2	1.04	14715141	FDSN	IR	--	ISC	iLoc	???	???	_
LMR	8.22	238.2	Pn	10:30:21.100	-0.7	T__				14715142	FDSN	IR	--	ISC	iLoc	???	???	_
LMR	8.22	238.2	Sn	10:31:49.600	-2.0	T__		1.1	0.45	14715143	FDSN	IR	--	ISC	iLoc	???	???	_
LOR	8.30	268.9	Pn	10:30:24.900	1.9	T__				14715144	FDSN	IR	--	ISC	iLoc	???	???	_
LOR	8.30	268.9	Pg	10:30:58.400	-1.7	T__				14715145	FDSN	IR	--	ISC	iLoc	???	???	_
LOR	8.30	268.9	Sn	10:31:51.500	0.9	T__		3.8	0.28	14715146	FDSN	IR	--	ISC	iLoc	???	???	_
LOR	8.30	268.9	Lg	10:32:45.800	0.2	T__		17.6	0.60	14715147	FDSN	IR	--	ISC	iLoc	???	???	_
SMRF	8.40	244.6	Pn	10:30:24.500	-0.2	T__				14715148	FDSN	IR	--	ISC	iLoc	???	???	_
SMRF	8.40	244.6	Sn	10:31:54.500	-2.0	T__		1.8	0.34	14715149	FDSN	IR	--	ISC	iLoc	???	???	_
SSB	8.43	254.8	Pn	10:30:24.000	-0.5	T__		11.8	2.10	14715150	FDSN	IR	--	ISC	iLoc	???	???	_
SSB	8.43	254.8	Pg	10:30:24.150	-36.4	---				14715151	FDSN	IR	--	ISC	iLoc	???	???	_
SMF	8.45	264.7	Pn	10:30:25.500	0.8	---				14715152	FDSN	IR	--	ISC	iLoc	???	???	_
SMF	8.45	264.7	Pg	10:31:01.400	-1.7	T__				14715153	FDSN	IR	--	ISC	iLoc	???	???	_
SMF	8.45	264.7	Sn	10:31:55.200	1.7	T__				14715154	FDSN	IR	--	ISC	iLoc	???	???	_
SMF	8.45	264.7	Lg	10:32:50.200	0.6	T__		10.2	0.44	14715155	FDSN	IR	--	ISC	iLoc	???	???	_
RUSF	8.47	244.6	Pn	10:30:26.900	1.2	T__				14715156	FDSN	IR	--	ISC	iLoc	???	???	_
VIVF	8.52	251.9	Pn	10:30:25.500	-0.5	T__				14715157	FDSN	IR	--	ISC	iLoc	???	???	_
VIVF	8.52	251.9	Sn	10:31:56.200	-2.5	T__		12.7	0.54	14715158	FDSN	IR	--	ISC	iLoc	???	???	_
SSF	8.58	267.8	Pn	10:30:26.700	0.1	T__				14715159	FDSN	IR	--	ISC	iLoc	???	???	_
SSF	8.58	267.8	Pg	10:31:03.900	-1.5	T__				14715160	FDSN	IR	--	ISC	iLoc	???	???	_
SSF	8.58	267.8	Sn	10:31:58.900	2.1	T__				14715161	FDSN	IR	--	ISC	iLoc	???	???	_
SSF	8.58	267.8	Lg	10:32:55.000	1.0	T__		9.8	0.44	14715162	FDSN	IR	--	ISC	iLoc	???	???	_
AVF	8.74	266.2	Pn	10:30:29.500	0.8	T__				14715163	FDSN	IR	--	ISC	iLoc	???	???	_
AVF	8.74	266.2	Pg	10:31:06.900	-1.6	T__				14715164	FDSN	IR	--	ISC	iLoc	???	???	_
AVF	8.74	266.2	Sn	10:32:02.400	2.3	T__				14715165	FDSN	IR	--	ISC	iLoc	???	???	_
AVF	8.74	266.2	Lg	10:33:00.000	1.3	T__		12.2	0.82	14715166	FDSN	IR	--	ISC	iLoc	???	???	_
AKASG	8.95	68.1	Sn	10:32:06.800	-7.4	T__	4.6	1.5	0.33	14715167	FDSN	IR	--	ISC	iLoc	???	???	_
AKASG	8.95	68.1	LR	10:34:14.249	-99.0	---		27.1	20.85	14715168	FDSN	IR	--	ISC	iLoc	???	???	_
HYF	9.12	269.8	Pn	10:30:33.600	-0.6	T__				14715169	FDSN	IR	--	ISC	iLoc	???	???	_
HYF	9.12	269.8	Sn	10:32:12.000	1.3	T__				14715170	FDSN	IR	--	ISC	iLoc	???	???	_
HYF	9.12	269.8	Lg	10:33:11.600	0.2	---				14715171	FDSN	IR	--	ISC	iLoc	???	???	_
BGF	9.13	265.3	Pn	10:30:34.600	0.6	T__				14715172	FDSN	IR	--	ISC	iLoc	???	???	_
BGF	9.13	265.3	Pg	10:31:14.900	-1.0	---				14715173	FDSN	IR	--	ISC	iLoc	???	???	_
BGF	9.13	265.3	Sn	10:32:11.900	2.3	T__		8.9	0.24	14715174	FDSN	IR	--	ISC	iLoc	???	???	_
BGF	9.13	265.3	Lg	10:33:12.300	1.2	---				14715175	FDSN	IR	--	ISC	iLoc	???	???	_
LASF	9.41	249.3	Pn	10:30:37.300	-0.8	T__				14715176	FDSN	IR	--	ISC	iLoc	???	???	_
LASF	9.41	249.3	Sn	10:32:18.100	-2.0	T__		23.9	0.64	14715177	FDSN	IR	--	ISC	iLoc	???	???	_
NACGM	9.53	40.3	Pn	10:30:35.370	-4.0	T__				14715178	FDSN	IR	--	ISC	iLoc	???	???	_
NACGM	9.53	40.3	Pg	10:30:36.880	-41.3	---		9.0	0.80	14715180	FDSN	IR	--	ISC	iLoc	???	???	_
NACGM	9.53	40.3	PnPn	10:30:41.030	-6.4	T__				14715181	FDSN	IR	--	ISC	iLoc	???	???	_
NACGM	9.53	40.3	Sn	10:32:26.100	-0.5	T__				14715182	FDSN	IR	--	ISC	iLoc	???	???	_
NACGM	9.53	40.3	SnSn	10:32:42.970	4.4	T__				14715183	FDSN	IR	--	ISC	iLoc	???	???	_

TCF	9.63	264.4	Pn	10:30:40.600	-0.2	T__									14715184	FDSN	IR	--	ISC	iLoc	???	???	_
TCF	9.63	264.4	Sn	10:32:23.800	2.1	T__			4.0	0.30	---				14715185	FDSN	IR	--	ISC	iLoc	???	???	_
TCF	9.63	264.4	Lg	10:33:27.500	0.9	T__			9.8	0.66	---				14715186	FDSN	IR	--	ISC	iLoc	???	???	_
CAF	10.18	257.1	Pn	10:30:47.900	-0.6	T__					---				14715187	FDSN	IR	--	ISC	iLoc	???	???	_
CAF	10.18	257.1	Pg	10:31:31.700	-1.9	---					---				14715188	FDSN	IR	--	ISC	iLoc	???	???	_
CAF	10.18	257.1	Sn	10:32:35.200	-3.0	T__			12.5	0.96	---				14715189	FDSN	IR	--	ISC	iLoc	???	???	_
CAF	10.18	257.1	Lg	10:33:46.300	0.7	---			0.7	0.38	---				14715190	FDSN	IR	--	ISC	iLoc	???	???	_
RJF	10.40	259.9	Pn	10:30:51.400	0.1	T__					---				14715191	FDSN	IR	--	ISC	iLoc	???	???	_
RJF	10.40	259.9	Sn	10:32:40.200	-1.8	T__			3.8	0.63	---				14715192	FDSN	IR	--	ISC	iLoc	???	???	_
RJF	10.40	259.9	Lg	10:33:51.900	0.2	---			1.4	0.49	---				14715193	FDSN	IR	--	ISC	iLoc	???	???	_
LDF	10.81	278.7	Pn	10:31:02.700	4.9	---					---				14715194	FDSN	IR	--	ISC	iLoc	???	???	_
LDF	10.81	278.7	Sn	10:32:52.200	-2.2	T__					---				14715195	FDSN	IR	--	ISC	iLoc	???	???	_
LDF	10.81	278.7	Lg	10:34:03.600	-0.5	---			9.3	0.58	---				14715196	FDSN	IR	--	ISC	iLoc	???	???	_
FLN	11.04	279.7	Pn	10:30:59.400	-1.5	T__					---				14715197	FDSN	IR	--	ISC	iLoc	???	???	_
FLN	11.04	279.7	Pg	10:31:07.100	-42.3	---					---				14715198	FDSN	IR	--	ISC	iLoc	???	???	_
FLN	11.04	279.7	Sn	10:32:52.200	-7.7	T__			1.9	0.36	---				14715199	FDSN	IR	--	ISC	iLoc	???	???	_
LFF	11.04	259.1	Pn	10:30:58.400	-1.8	T__					---				14715200	FDSN	IR	--	ISC	iLoc	???	???	_
LFF	11.04	259.1	Sn	10:32:58.800	1.0	T__			3.5	0.52	---				14715201	FDSN	IR	--	ISC	iLoc	???	???	_
MFF	11.13	268.4	Pn	10:31:02.500	1.4	T__					---				14715202	FDSN	IR	--	ISC	iLoc	???	???	_
MFF	11.13	268.4	Sn	10:32:59.500	1.6	T__			1.1	0.36	---				14715203	FDSN	IR	--	ISC	iLoc	???	???	_
MFF	11.13	268.4	Lg	10:34:14.400	0.8	---			3.5	0.69	---				14715204	FDSN	IR	--	ISC	iLoc	???	???	_
GRR	11.32	277.8	Pn	10:31:08.600	4.2	T__					---				14715205	FDSN	IR	--	ISC	iLoc	???	???	_
SGMF	12.46	277.7	Pn	10:31:25.600	6.0	---					---				14715206	FDSN	IR	--	ISC	iLoc	???	???	_
ETSF	12.78	252.2	x	10:31:31.600	-99.0	---					---				14715207	FDSN	IR	--	ISC	iLoc	???	???	_
ETSF	12.78	252.2	Sn	10:33:39.600	-2.7	T__			0.7	0.31	---				14715208	FDSN	IR	--	ISC	iLoc	???	???	_
QUIF	12.91	276.4	Pn	10:31:30.700	5.3	---					---				14715209	FDSN	IR	--	ISC	iLoc	???	???	_
QUIF	12.91	276.4	Sn	10:33:42.100	-0.3	T__			1.1	0.54	---				14715210	FDSN	IR	--	ISC	iLoc	???	???	_
ROSF	12.93	278.3	Pn	10:31:29.500	3.5	T__					---				14715211	FDSN	IR	--	ISC	iLoc	???	???	_
ROSF	12.93	278.3	Sn	10:33:44.600	1.1	T__			1.3	0.38	---				14715212	FDSN	IR	--	ISC	iLoc	???	???	_
ESK	13.96	308.4	Pn	10:31:41.610	1.8	T__					---				14715213	FDSN	IR	--	ISC	iLoc	???	???	_
ESK	13.96	308.4	P	10:31:41.700	-7.0	---			36.5	2.80	---				14715214	FDSN	IR	--	ISC	iLoc	???	???	_
GVD	14.52	152.9	Pn	10:31:48.100	1.9	T__			39.6	0.70	---				14715215	FDSN	IR	--	ISC	iLoc	???	???	_
FINES	14.54	19.4	Pn	10:31:44.750	-0.2	T__	4.8		0.2	0.33	---				14715216	FDSN	IR	--	ISC	iLoc	???	???	_
FINES	14.54	19.4	P	10:31:48.180	-7.0	---					---				14715217	FDSN	IR	--	ISC	iLoc	???	???	_
ESDC	16.70	247.2	P	10:32:18.358	-0.9	T__	4.4		0.1	0.33	---				14715218	FDSN	IR	--	ISC	iLoc	???	???	_
ARCES	22.00	8.8	P	10:33:16.442	-0.5	T__	3.6		2.0	0.94	---				14715219	FDSN	IR	--	ISC	iLoc	???	???	_
KIRV	22.26	49.4	LR	10:42:33.242	-99.0	---			29.1	20.48	---				14715220	FDSN	IR	--	ISC	iLoc	???	???	_
TORD	36.85	203.8	P	10:35:32.035	0.7	T__	4.4		0.9	0.75	---				14715221	FDSN	IR	--	ISC	iLoc	???	???	_
KKAR	37.73	76.8	P	10:35:38.920	0.2	T__					---				14715222	FDSN	IR	--	ISC	iLoc	???	???	_
MKAR	43.53	65.9	P	10:36:28.271	1.7	T__	2.5		0.2	0.54	---				14715223	FDSN	IR	--	ISC	iLoc	???	???	_
SONM	56.91	53.5	P	10:38:09.120	1.0	T__	3.9		0.5	0.57	---				14715224	FDSN	IR	--	ISC	iLoc	???	???	_
YKA	62.99	336.7	P	10:38:48.950	-0.5	T__	5.1		0.4	0.89	---				14715225	FDSN	IR	--	ISC	iLoc	???	???	_
MDJ	70.82	43.9	P	10:39:14.300	-25.3	---					---				14715226	FDSN	IR	--	ISC	iLoc	???	???	_
CMAR	71.77	82.5	P	10:39:46.450	0.8	T__	4.8		0.9	0.40	---				14715227	FDSN	IR	--	ISC	iLoc	???	???	_
TXAR	85.93	310.5	P	10:41:04.569	1.1	T__	4.4		0.3	0.59	---				14715228	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
2016/04/26	03:40:51.20	0.13	0.31	48.0746	16.1152	1.5	0.7	122	9.0F	0.7	27		180	0.22	1.59	a	ke IPEC	14596380	ISC			360
2016/04/26	03:40:52.40	0.00		48.1500	16.1200				7.0A		25					a	ke PRU	14596383	ISC			360
2016/04/26	03:40:51.05	0.25	0.58	48.0824	16.1029	1.6	1.2	99	10.6F	2.5	31		2	0.22	1.70	a	ke VIE	14596376	ISC			360
2016/04/26	03:40:50.98	1.00	1.26	48.0834	16.1109	3.1	2.8	113	9.5F	7.0	59	31	42	0.23	3.81	m	ke BUD	14715578	iLoc			48

Magnitude	Err	Nsta	Author	OrigID
ML 2.2			IPEC	14596380
mb 1.7			VIE	14596376
m1 2.2			VIE	14596376
ML 2.2	0.9	7	BUD	14715578

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.23	227.2	Pg	03:40:55.822	-0.2					T__	14.4	0.4		---	MLv	1.5	14715580	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.23	227.2	Lg	03:40:59.393	-0.5					T__				---		14715581	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.5 1																									
RONA	0.40	161.9	Pg	03:40:59.555	0.2					T__	11.9	1.3	0.06	---		14715582	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	0.40	161.9	Lg	03:41:05.277	-0.4					T__	18.1	10.4	0.06	---		14715583	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	0.50	142.9	Pg	03:41:00.889	-0.3					T__	1.5	0.1		---	MLv	1.4	14715584	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.50	142.9	Lg	03:41:09.134	0.5					T__				---		14715585	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.4 0																									
ZST	0.67	80.0	Pg	03:41:04.817	0.3					T__	1.9	0.8		---	MLv	2.8	14715586	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.67	80.0	Lg	03:41:13.999	-0.0					T__				---		14715587	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.8 1																									
MODS	0.83	69.2	Pg	03:41:07.040	-0.6					T__	3.6	64.8		---	MLv	4.8	14715588	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.83	69.2	Lg	03:41:19.419	0.3					T__				---		14715589	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 4.8 0																									
ARSA	0.92	205.7	Lg	03:41:21.050	-0.7					T__		2.5	0.12	---		14715590	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	0.92	205.7	Pg	03:41:08.533	-0.5					T__	2.4	0.1		---	MLv	1.8	14715591	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.92	205.7	Sg	03:41:20.820	-0.9					T__				---		14715592	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
KRUC	1.00	10.8	Pg	03:41:10.100	0.2					T__				---		14715593	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.00	10.8	Lg	03:41:22.700	-0.8					T__		42.2	0.21	---		14715594	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.00	10.8	Pb	03:41:09.978	0.1					T__				---		14715595	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
KRUC	1.00	10.8	Sg	03:41:23.038	-0.4					T__				---		14715596	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
EGYH	1.06	128.6	Sn	03:41:27.161	0.6					T__				---		14715597	FDSN	HU	--	BUD	iLoc	SHN	???	_	
MOA	1.26	260.0	Pg	03:41:14.952	-0.4					T__				---		14715598	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	1.26	260.0	Sn	03:41:31.877	0.0					T__				---		14715599	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.27	14.4	Pg	03:41:14.636	-0.2					T__				---		14715600	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
VRAC	1.27	14.4	Sn	03:41:31.189	-0.2					T__				---		14715601	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
TREC	1.28	341.4	Pg	03:41:14.895	-0.4					T__				---		14715602	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
TREC	1.28	341.4	Sn	03:41:31.416	-0.6					T__				---		14715603	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
TREC	1.28	341.4	Lg	03:41:31.700	-0.6					T__		29.4	0.50	---		14715604	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	1.30	52.6	Pg	03:41:16.551	0.1					T__				---		14715605	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	1.30	52.6	Lg	03:41:34.561	0.7					T__				---		14715606	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
JAVC	1.30	52.6	Pn	03:41:15.100	0.6					T__				---		14715607	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	1.41	302.2	Pg	03:41:17.327	-0.2					T__				---		14715608	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
CKRC	1.41	302.2	Sn	03:41:35.535	0.4					T__				---		14715609	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
SRO	1.51	99.5	Sn	03:41:37.906	0.9					T__				---		14715610	FDSN	SK	--	BUD	iLoc	EHN	???	_	
SOKA	1.59	207.9	Pg	03:41:20.370	-1.0					T__	4.2	0.5	0.14	---		14715611	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.59	207.9	Sn	03:41:40.643	1.0					T__		1.4	0.30	---		14715612	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	1.64	176.6	Pg	03:41:21.904	-1.0					T__	1.5	0.2		---	MLv	2.7	14715613	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.64	176.6	Sn	03:41:39.888	-1.3					T__				---		14715614	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.7 1																									
BIOA	1.71	257.6	Sn	03:41:44.273	1.4					T__	5.7	11.7	0.36	---		14715615	FDSN	IR	--	ISC	iLoc	???	???	_	
VYHS	1.87	76.3	Sn	03:41:46.051	0.1					T__				---		14715616	FDSN	SK	--	BUD	iLoc	HHN	???	_	
OBKA	1.90	214.6	Pg	03:41:25.311	-1.9					T__	1.1	0.0		---	MLv	2.2	14715617	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																									



MORC	1.94	28.6	Pg	03:41:25.375	-1.6	T__	---	14715618	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
MORC	1.94	28.6	Sn	03:41:47.836	-0.4	T__	---	14715619	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MORC	1.94	28.6	Pn	03:41:23.500	0.2	T__	---	14715620	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.94	28.6	Lg	03:41:47.500	-5.3	T__	---	14715621	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	1.98	302.9	Pn	03:41:26.300	2.6	T__	---	14715622	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	1.98	302.9	Sn	03:41:50.900	1.7	T__	---	14715623	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	2.04	12.2	Pn	03:41:25.800	1.1	T__	---	14715624	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	2.04	12.2	Sn	03:41:51.500	0.9	T__	---	14715625	FDSN	IR	--	ISC	iLoc	???	???	_
PRU	2.17	332.1	Pn	03:41:27.647	1.5	T__	---	14715626	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
PRU	2.17	332.1	Sn	03:41:54.880	1.2	T__	---	14715627	FDSN	CZ	--	BUD	iLoc	BHN	???	_
PRU	2.17	332.1	Lg	03:41:55.100	-4.5	T__	---	14715628	FDSN	IR	--	ISC	iLoc	???	???	_
PRU	2.17	332.1	Sg	03:41:59.100	-0.5	T__	4.7 0.50	14715629	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.27	3.4	Pg	03:41:32.400	-0.1	T__	---	14715630	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.27	3.4	Lg	03:42:01.700	-0.1	T__	7.8 0.60	14715631	FDSN	IR	--	ISC	iLoc	???	???	_
UPC	2.43	358.5	Lg	03:42:06.300	0.0	T__	6.7 0.60	14715632	FDSN	IR	--	ISC	iLoc	???	???	_
GSTC	2.48	1.5	Lg	03:42:08.200	0.4	T__	6.9 0.50	14715633	FDSN	IR	--	ISC	iLoc	???	???	_
CHVC	2.51	359.2	Lg	03:42:09.600	0.8	T__	9.1 0.80	14715634	FDSN	IR	--	ISC	iLoc	???	???	_
PVCC	2.65	338.2	Lg	03:42:14.100	0.1	T__	7.3 0.20	14715635	FDSN	IR	--	ISC	iLoc	???	???	_
BRG	3.13	334.0	Lg	03:42:29.820	-0.2	T__	---	14715636	FDSN	IR	--	ISC	iLoc	???	???	_
BRG	3.13	334.0	x	03:42:33.610	-99.0	---	2.7 0.33	14715637	FDSN	IR	--	ISC	iLoc	???	???	_
NKC	3.23	313.2	Lg	03:42:33.800	-0.1	T__	5.1 0.30	14715638	FDSN	IR	--	ISC	iLoc	???	???	_
CLL	3.81	329.2	Lg	03:42:51.000	-1.6	T__	---	14715639	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
2016/04/26	07:29:33.20	1.41	0.52	48.7403	18.4651	11.0	5.4	29	5.0A		7	5	160	0.35	1.26	m	ke BUD	14715685	iLoc			207

Magnitude	Err	Nsta	Author	OrigID
MLv	2.4	3.0	2 BUD	14715685

Sta	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	134.9	Pg	07:29:40.613	0.3	T__					9.8	0.0		---	MLv	0.3	14715687	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	134.9	Lg	07:29:45.801	0.2	T__								---		14715688	FDSN	SK	--	BUD	iLoc	HHT	???	_	
JAVC	0.54	283.1	Pg	07:29:44.581	0.5	T__								---		14715689	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
MODS	0.87	245.5	Pg	07:29:50.163	-0.4	T__					1.9	34.4		---	MLv	4.5	14715690	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.87	245.5	Lg	07:30:03.774	0.5	T__								---		14715691	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORC	1.20	330.1	Lg	07:30:11.701	-0.3	T__								---		14715692	FDSN	CZ	--	BUD	iLoc	BHT	???	_	
PSZ	1.26	130.2	Sn	07:30:14.558	-0.5	T__								---		14715693	FDSN	GE	--	BUD	iLoc	BHT	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/04/26	07:44:05.41	1.25	0.66	48.6982	18.4191	12.8	5.7	34	5.0A		7	6	153	0.34	1.35	m	ke BUD	14715696	iLoc				188

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	2.2	3 BUD	14715696

Sta	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	126.3	Pg	07:44:12.000	-0.5	T__					8.9	0.0		---	MLv	0.2	14715698	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 0.2 1																									
JAVC	0.52	288.3	Pg	07:44:15.999	0.0	T__								---		14715699	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	

MODS	0.83	247.2	Pg	07:44:21.250	-0.7	T__	2.6	38.5	___	MLv	4.5	14715700	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 4.5 1																				
MORC	1.22	332.3	Pn	07:44:28.107	-0.2	T__			---			14715701	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
MORC	1.22	332.3	Lg	07:44:44.766	-0.1	T__			---			14715702	FDSN	CZ	--	BUD	iLoc	BHN	???	_
PSZ	1.26	127.8	Pn	07:44:29.600	0.7	T__	1.4	0.0	---	MLv	1.7	14715703	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 1																				
VRAC	1.35	297.6	Pn	07:44:30.679	0.7	T__			---			14715704	FDSN	CZ	--	BUD	iLoc	BHR	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/04/26	08:19:22.32	1.32	1.46	48.5496	20.7466	13.4	4.4	146	3.7F	15.4	10	7	162	0.19	1.27	m	ke	BUD	14715718	iLoc		188

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	14715718

Sta	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	0.19	249.1	Pg	08:19:25.913	-0.3				T__		8.0	0.6		---	MLv	1.6	14715720	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.19	249.1	Lg	08:19:30.174	1.0				T__					---		14715721	FDSN	SK	--	BUD	iLoc	EHR	???	_	
(Station ML : 1.6 1																									
CRVS	0.59	53.0	Lg	08:19:40.627	-2.4				T__					---		14715722	FDSN	SK	--	BUD	iLoc	HHR	???	_	
PSZ	0.85	222.4	Pn	08:19:40.271	-0.1				T__		1.8	0.0		---	MLv	1.6	14715723	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.85	222.4	Lg	08:19:52.528	-0.6				T__					---		14715724	FDSN	GE	--	BUD	iLoc	BHT	???	_	
(Station ML : 1.6 1																									
NIE	0.92	342.0	Pn	08:19:42.538	1.2				T__		1.9	0.0		---	MLv	1.4	14715725	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.4 1																									
MASL	0.95	60.3	Pg	08:19:41.184	1.2				T__					---		14715726	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
MASL	0.95	60.3	Lg	08:19:54.481	-0.5				T__					---		14715727	FDSN	SK	--	BUD	iLoc	EHT	???	_	
LANS	1.04	305.9	Pn	08:19:41.551	-1.4				T__		2.2	0.0		---	MLv	1.6	14715728	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 1.6 0																									
VVHS	1.27	268.2	Pn	08:19:46.491	0.4				T__		2.3	0.0		---	MLv	0.7	14715729	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
2016/04/26	09:59:18.44	1.40	0.47	48.4287	18.2493	10.8	5.3	2	10.0A		8	4	173	0.40	0.80	m	ke	BUD	14715751	iLoc		294

Magnitude	Err	Nsta	Author	OrigID
MLv	2.3	2.9	2 BUD	14715751

Sta	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	0.40	80.3	Pg	09:59:26.911	0.3				T__		7.6	0.0		---	MLv	0.3	14715753	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.40	80.3	Lg	09:59:32.618	-0.1				T__					---		14715754	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.58	318.5	Pg	09:59:30.036	-0.1				T__					---		14715755	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	0.58	318.5	Lg	09:59:39.594	0.9				T__					---		14715756	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
JAVC	0.58	318.5	Pb	09:59:29.900	-0.3				T__					---		14715757	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	0.58	318.5	Sg	09:59:38.400	-0.3				T__					---		14715758	FDSN	IR	--	ISC	iLoc	???	???	_	
MODS	0.65	265.4	Pg	09:59:31.902	0.3				T__		1.4	28.5		---	MLv	4.3	14715759	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.80	253.5	Lg	09:59:45.433	-0.1				T__					---		14715760	FDSN	SK	--	BUD	iLoc	HHR	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/04/26	10:42:39.28	1.25	1.04	47.8404	19.2464	7.2	5.3	153	0.0A	9	6	155	0.44	1.46	m	ke	BUD	14715763	iLoc			257

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.7	3 BUD	14715763

Sta	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	0.44	79.6	Pg	10:42:49.009	-0.0					T__	2.1	0.1		___	MLv	1.3	14715765	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.44	79.6	Lg	10:42:56.646	0.2					T__				___		14715766	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.3 1																									
VYHS	0.71	337.4	Pg	10:42:55.024	1.4					T__	7.4	0.0		___	MLv	0.8	14715767	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.71	337.4	Lg	10:43:02.157	-2.1					T__				___		14715768	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.8 1																									
CSKK	0.82	234.8	Pg	10:42:56.069	0.2					T__	3.8	0.9		___	MLv	2.9	14715769	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.82	234.8	Lg	10:43:08.063	-0.1					T__				___		14715770	FDSN	HU	--	BUD	iLoc	SHR	???	_	
(Station ML : 2.9 1																									
MPLH	1.34	240.5	Sn	10:43:23.683	-0.1					T__				___		14715771	FDSN	HU	--	BUD	iLoc	BHE	???	_	
EGYH	1.36	252.6	Sn	10:43:24.007	-0.3					T__				___		14715772	FDSN	HU	--	BUD	iLoc	SHN	???	_	
JAVC	1.46	314.7	Sn	10:43:27.031	-0.0					T__				___		14715773	FDSN	CZ	--	BUD	iLoc	BHT	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/04/27	09:05:00.68	1.40	0.78	48.5845	20.7642	12.0	4.9	145	0.8F	15.0	10	6	165	0.21	1.28	m	ke	BUD	14715787	iLoc			276

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.6	4 BUD	14715787

Sta	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	241.4	Pg	09:05:04.690	-0.3					T__	5.9	0.4		___	MLv	1.5	14715789	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	241.4	Lg	09:05:08.746	0.4					T__				___		14715790	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 1.5 1																									
CRVS	0.56	55.2	Pg	09:05:11.692	0.4					T__	1.7	0.0		___	MLv	0.8	14715791	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.56	55.2	Lg	09:05:19.559	-0.8					T__				___		14715792	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.8 1																									
PSZ	0.88	221.4	Pn	09:05:19.165	-0.4					T__	1.5	0.0		___	MLv	1.5	14715793	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	221.4	Lg	09:05:32.305	-0.5					T__				___		14715794	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.5 1																									
ET1H	0.92	220.6	Lg	09:05:34.757	0.8					T__				___		14715795	FDSN	HU	--	BUD	iLoc	HHN	???	_	
LANS	1.03	304.0	Pg	09:05:20.400	-0.4					T__		0.0		___		14715796	FDSN	IR	--	ISC	iLoc	???	???	_	
VYHS	1.28	266.7	Pn	09:05:25.999	1.0					T__	2.7	0.0		___	MLv	0.7	14715797	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.28	266.7	Sn	09:05:43.604	-0.5					T__				___		14715798	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	
2016/04/28	09:16:54.31	3.46	0.38	46.2480	18.2323	40.4	6.3	153	0.0A	4	2	246	0.18	0.29	m	kx	BUD	14715949	iLoc				360
2016/04/28	09:16:53.88f		0.40	46.1765	18.2926f				0.0S	4		204	0.16	0.25	a	kx	BUD_GT	14759287	BUD				360

(GT info : GT2 explosion)  
(locality : Komló II.)

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.16	236.7	Pg	09:16:57.710	-0.0					T__		0.1		---	MLv	14759593	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	09:17:00.442	-0.4					T__				---		14759594	FDSN	HU	--	BUD	BUD	BHE	???	_
MORH	0.25	80.7	Pg	09:16:59.938	0.5					T__		0.0		---	MLv	14759595	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	09:17:03.299	-0.4					T__				---		14759596	FDSN	HU	--	BUD	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
2016/04/28	09:34:53.69	3.26	0.09	47.2340	18.3698	24.0	9.3	116	0.0A	4	2	293		0.15	0.57	m	kx BUD	14715957	iLoc			360
2016/04/28	09:34:54.62f		0.63	47.2302	18.2835f				0.0S	4		270		0.13	0.51	a	kx BUD_GT	14759285	BUD			360

(locality : Iszkaszentgyörgy)

(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	353.4	Pg	09:34:57.280	-0.7					T__		2.2		---	MLv	14759587	FDSN	HU	--	BUD	BUD	SHZ	SHZ	_
CSKK	0.13	353.4	Lg	09:35:00.291	-0.4					T__				---		14759588	FDSN	HU	--	BUD	BUD	SHE	???	_
MPLH	0.51	263.5	Pg	09:35:05.497	0.3					T__		0.0		---	MLv	14759589	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MPLH	0.51	263.5	Lg	09:35:14.216	1.0					T__				---		14759590	FDSN	HU	--	BUD	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
2016/04/28	11:15:45.05	1.18	0.76	48.4119	17.2697	5.1	3.5	78	2.3F	8.8	26	17	75	0.04	2.39	m	ke BUD	14715965	iLoc			92

Magnitude	Err	Nsta	Author	OrigID
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ML	2.2	0.1	15 BUD	14715965
----	-----	-----	--------	----------

Sta	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	172.8	Pg	11:15:45.976	-0.3					T__	596.4	8958.6		---	MLv	5.4	14715967	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.04	172.8	Lg	11:15:47.661	0.3					T__				---		14715968	FDSN	SK	--	BUD	iLoc	HHT	???	_	
(Station ML : 5.4 0																									
ZST	0.24	207.4	Pg	11:15:49.184	-1.0					T__	20.4	8.5		---	MLv	2.9	14715969	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.24	207.4	Lg	11:15:53.129	-0.8					T__				---		14715970	FDSN	SK	--	BUD	iLoc	HHT	???	_	
(Station ML : 2.9 0																									
JAVC	0.52	30.6	Pg	11:15:55.300	-0.3					T__	13.3	0.5		---	MLv	2.5	14715971	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.5 1																									
KRUC	0.87	318.7	Pg	11:16:01.273	-0.2					T__	9.9	0.1		---	MLv	2.1	14715972	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	0.87	318.7	Lg	11:16:15.239	1.4					T__				---		14715973	FDSN	CZ	--	BUD	iLoc	BHT	???	_	
(Station ML : 2.1 1																									
SOP	0.87	213.5	Pn	11:16:03.449	0.2					T__	5.7	0.2		---	MLv	2.2	14715974	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.87	213.5	Lg	11:16:16.331	1.3					T__				---		14715975	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.2 1																									
EGYH	1.00	177.6	Pn	11:16:05.619	0.6					T__	4.6	0.3		---	MLv	2.5	14715976	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.5 0																									
VRAC	1.00	333.8	Pg	11:16:04.087	0.3					T__	3.5	0.1		---	MLv	2.1	14715977	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
VRAC	1.00	333.8	Sn	11:16:19.089	-1.2					T__				---		14715978	FDSN	CZ	--	BUD	iLoc	BHT	???	_	
(Station ML : 2.1 0																									
VYHS	1.05	84.9	Pn	11:16:05.225	-0.5					T__	11.3	0.0		---	MLv	1.3	14715979	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

(Station ML : 1.3 0	CONA 1.06 243.3 Pn	11:16:04.742	-1.3	T__	5.3	0.1	---	MLv	2.1	14715980	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 1	A268A 1.08 155.6 Pn	11:16:05.974	-0.1	T__	9.1	0.2	---	MLv	2.4	14715981	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A 1.08 155.6 Lg	11:16:21.591	0.0	T__				---			14715982	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 2.4 1	A269A 1.08 135.6 Lg	11:16:21.924	0.3	T__			---			14715983	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
CSKK 1.24 147.2 Pn	11:16:08.032	-0.4	T__	6.7	0.1	---	MLv	2.3	14715984	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
CSKK 1.24 147.2 Lg	11:16:27.796	0.8	T__			---				14715985	FDSN	HU	--	BUD	iLoc	SHR	???	_
(Station ML : 2.3 1	MPLH 1.26 171.6 Pg	11:16:09.989	0.2	T__	4.4	0.1	---	MLv	2.1	14715986	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH 1.26 171.6 Sn	11:16:27.065	0.4	T__			---				14715987	FDSN	HU	--	BUD	iLoc	BHT	???	_
(Station ML : 2.1 1	MORC 1.38 7.4 Pn	11:16:10.298	-0.1	T__	3.3	0.1	---	MLv	2.1	14715988	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC 1.38 7.4 Sn	11:16:29.618	-0.2	T__			---				14715989	FDSN	CZ	--	BUD	iLoc	BHT	???	_
(Station ML : 2.1 0	ARSA 1.65 226.0 Sn	11:16:37.555	1.3	T__			---			14715990	FDSN	OE	--	BUD	iLoc	BHT	???	_
PSZ 1.83 104.7 Pg	11:16:21.254	-0.3	T__	2.0	0.1	---	MLv	2.2	14715991	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.2 1	MORH 2.39 156.4 Pn	11:16:24.192	-0.2	T__	2.0	0.0	---	MLv	2.3	14715992	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/04/29	04:41:28.14	1.32	0.88	47.2205	19.2844	6.6	4.8	163	11.1F	12.9	19	13	133	0.31	1.78	m	ke	BUD	14716054	iLoc		185

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	12 BUD	14716054

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A271A	0.31	258.1	Pg	04:41:35.061	0.1					T__	5.0	0.6		---	MLv	2.0	14716056	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.0 1	BUD	0.32	326.2	Pg	04:41:35.546	0.4				T__	6.0	0.2		---	MLv	1.5	14716057	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.5 0	A267A	0.61	243.7	Pn	04:41:41.172	-0.1				T__	4.5	0.2		---	MLv	2.2	14716058	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.2 1	BSZH	0.67	82.9	Pg	04:41:43.278	0.7				T__	2.2	0.2		---	MLv	2.1	14716059	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.67	82.9	Sn	04:41:54.540	1.0					T__				---			14716060	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Station ML : 2.1 1	CSKK	0.71	282.0	Pg	04:41:43.190	0.8				T__	12.1	2.4		---	MLv	3.3	14716061	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.71	282.0	Lg	04:41:52.145	-0.6					T__				---			14716062	FDSN	HU	--	BUD	iLoc	SHT	???	_
(Station ML : 3.3 0	A269A	0.74	304.7	Pg	04:41:43.703	0.7				T__	3.8	0.2		---	MLv	2.2	14716063	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.2 1	ET1H	0.77	30.9	Pn	04:41:43.759	0.1				T__	8.2	0.1		---	MLv	2.0	14716064	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.77	30.9	Sn	04:41:53.502	-2.3					T__				---			14716065	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Station ML : 2.0 1	PSZ	0.81	30.4	Pn	04:41:43.552	-0.9				T__	12.4	0.2		---	MLv	2.2	14716066	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1	MPLH	1.19	268.2	Pg	04:41:51.027	-0.6				T__	3.9	0.1		---	MLv	2.0	14716067	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.19	268.2	Lg	04:42:07.827	-0.2					T__				---			14716068	FDSN	HU	--	BUD	iLoc	BHT	???	_
(Station ML : 2.0 1	VVHS	1.31	346.8	Pn	04:41:51.624	0.4				T__	5.3	0.0		---	MLv	1.0	14716069	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

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VYHS 1.31 346.8 Sn 04:42:08.819 -0.2 T__ --- 14716070 FDSN SK -- BUD iLoc HHT ??? _
(Station ML : 1.0 0
EGYH 1.34 279.1 Sn 04:42:11.170 1.2 T__ --- 14716071 FDSN HU -- BUD iLoc SHR ??? _
KOVH 1.40 216.2 Pn 04:41:52.417 -0.1 T__ 1.5 0.0 --- MLv 1.8 14716072 FDSN HU -- BUD iLoc BHZ BHZ _
KOVH 1.40 216.2 Lg 04:42:14.657 -0.5 T__ --- 14716073 FDSN HU -- BUD iLoc BHR ??? _
(Station ML : 1.8 1
MODS 1.78 311.2 Pn 04:41:58.310 0.4 T__ 2.6 36.2 --- MLv 5.0 14716074 FDSN SK -- BUD iLoc HHZ HHZ _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2016/04/29 08:20:19.05 1.34 1.06 48.5923 20.7464 10.4 4.2 144 0.7F 15.0 12 7 148 0.20 1.27 m ke BUD 14716124 iLoc 163

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Magnitude Err Nsta Author OrigID
ML 1.5 0.2 5 BUD 14716124

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Sta 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 0.20 237.9 Pg 08:20:23.149 -0.1 T__ 34.6 2.2 --- MLv 2.2 14716126 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.20 237.9 Lg 08:20:27.012 0.5 T__ --- 14716127 FDSN SK -- BUD iLoc EHE ??? _
(Station ML : 2.2 0
CRVS 0.57 56.5 Pg 08:20:30.266 0.5 T__ 2.7 0.0 --- MLv 0.9 14716128 FDSN SK -- BUD iLoc HHZ HHZ _
CRVS 0.57 56.5 Lg 08:20:38.387 -0.6 T__ --- 14716129 FDSN SK -- BUD iLoc HHE ??? _
(Station ML : 0.9 1
PSZ 0.88 220.5 Pg 08:20:37.503 -0.0 T__ 3.0 0.0 --- MLv 1.7 14716130 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.88 220.5 Lg 08:20:48.954 -2.1 T__ --- 14716131 FDSN GE -- BUD iLoc BHR ??? _
(Station ML : 1.7 1
ET1H 0.92 219.7 Pn 08:20:38.897 0.6 T__ 2.6 0.0 --- MLv 1.5 14716132 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.92 219.7 Lg 08:20:53.417 1.2 T__ --- 14716133 FDSN HU -- BUD iLoc HHN ??? _
(Station ML : 1.5 1
LANS 1.01 304.0 Pg 08:20:38.900 0.0 T__ 0.0 --- 14716134 FDSN IR -- ISC iLoc ??? ??? _
KOLS 1.07 70.8 Lg 08:20:55.213 -0.9 T__ --- 14716135 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.27 266.3 Pn 08:20:43.652 0.5 T__ 4.1 0.0 --- MLv 0.8 14716136 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.27 266.3 Sn 08:21:01.428 -0.8 T__ --- 14716137 FDSN SK -- BUD iLoc HHT ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2016/04/29 22:59:07.50 1.46 0.87 48.6323 20.2001 8.4 5.6 73 5.0A 7 5 122 0.24 0.92 m ke BUD 14716160 iLoc 190

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 3 BUD 14716160

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Sta 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 0.24 128.1 Pg 22:59:12.882 0.4 T__ 4.6 0.3 --- MLv 1.4 14716162 FDSN SK -- BUD iLoc EHN EHZ _
(Station ML : 1.4 1
LANS 0.71 317.3 Pg 22:59:22.085 0.6 T__ 4.1 0.0 --- MLv 1.5 14716163 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 0.71 317.3 Lg 22:59:30.607 -1.3 T__ --- 14716164 FDSN SK -- BUD iLoc EHR ??? _
(Station ML : 1.5 1
PSZ 0.74 196.1 Pg 22:59:22.762 -0.4 T__ 1.4 0.0 --- MLv 1.5 14716165 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.74 196.1 Lg 22:59:34.602 -0.1 T__ --- 14716166 FDSN GE -- BUD iLoc BHE ??? _
(Station ML : 1.5 1
NIE 0.79 5.4 Lg 22:59:33.479 -0.4 T__ --- 14716167 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																																																																					
2016/04/30	00:15:06.07	0.32	0.58	46.5278	21.2639	2.7	1.4	115	2.0A	31	169	0.38	2.85	a	ke	BUC	14596633	ISC				360																																																																					
2016/04/30	00:15:05.05	0.76	1.70	46.5551	21.2472	2.9	2.7	20	1.2F	0.1	76	29	49	0.41	3.35	m	ke	BUD	14716182	iLoc		72																																																																					
<table border="0"> <tr> <td>Magnitude</td> <td>Err</td> <td>Nsta</td> <td>Author</td> <td>OrigID</td> <td colspan="18"></td> </tr> <tr> <td>m1</td> <td>2.2</td> <td></td> <td>BUC</td> <td>14596633</td> <td colspan="18"></td> </tr> <tr> <td>ML</td> <td>2.5</td> <td>0.1</td> <td>15 BUD</td> <td>14716182</td> <td colspan="18"></td> </tr> </table>																							Magnitude	Err	Nsta	Author	OrigID																			m1	2.2		BUC	14596633																			ML	2.5	0.1	15 BUD	14716182																		
Magnitude	Err	Nsta	Author	OrigID																																																																																							
m1	2.2		BUC	14596633																																																																																							
ML	2.5	0.1	15 BUD	14716182																																																																																							
Sta	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	0.41	135.1	Pg	00:15:13.600	0.1					T__		0.3				14716184	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
SIRR	0.41	135.1	Lg	00:15:19.408	-0.5					T__						14716185	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
SIRR	0.41	135.1	Pb	00:15:13.267	-0.3					T__	18.2	0.3		MLv	1.8	14716186	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_																																																																			
SIRR	0.41	135.1	Sg	00:15:18.478	-1.5					T__						14716187	FDSN	RO	--	BUD	iLoc	BHE	???	_																																																																			
(Station ML : 1.8 0)																																																																																											
TIM	0.82	181.3	Lg	00:15:33.428	0.3					T__						14716188	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
TIM	0.82	181.3	Lg	00:15:33.428	0.3					T__		0.3				14716189	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
LTVH	0.94	28.1	Pn	00:15:28.800	4.4					T__		0.2				14716190	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
LTVH	0.94	28.1	Pg	00:15:24.478	0.4					T__	3.1	0.2		MLv	2.4	14716191	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_																																																																			
LTVH	0.94	28.1	Sn	00:15:38.157	-1.5					T__						14716192	FDSN	HU	--	BUD	iLoc	SHR	???	_																																																																			
(Station ML : 2.4 1)																																																																																											
BZS	0.97	164.5	Pg	00:15:23.440	-0.6					T__						14716193	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
BZS	0.97	164.5	Pn	00:15:26.100	1.6					T__		0.1				14716195	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
BZS	0.98	163.6	Pb	00:15:23.564	-0.5					T__	4.1	0.1		MLv	1.9	14716196	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_																																																																			
BZS	0.98	163.6	Lg	00:15:36.937	-1.2					T__						14716197	FDSN	RO	--	BUD	iLoc	BHN	???	_																																																																			
(Station ML : 1.9 0)																																																																																											
BSZH	1.00	318.3	Pg	00:15:49.100	22.8					---						14716198	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
DRGR	1.04	76.3	Pg	00:15:25.000	-0.6					T__		0.1				14716199	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
DRGR	1.04	76.3	Pb	00:15:25.406	-0.2					T__						14716200	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
DRGR	1.04	76.3	Pb	00:15:25.406	-0.2					T__		0.1				14716201	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
DRGR	1.04	76.3	Sn	00:15:40.134	-2.1					T__		0.1				14716202	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
DRGR	1.04	76.3	Pn	00:15:24.629	-1.3					T__	5.6	0.1		MLv	2.2	14716203	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_																																																																			
DRGR	1.04	76.3	Lg	00:15:39.260	-3.0					T__						14716204	FDSN	RO	--	BUD	iLoc	BHZ	???	_																																																																			
(Station ML : 2.2 0)																																																																																											
BANR	1.18	183.8	Pg	00:15:28.261	0.6					T__						14716205	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
BANR	1.18	183.8	Lg	00:15:42.782	-1.7					T__						14716207	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
MESR	1.31	62.4	Pn	00:15:30.552	0.8					T__						14716208	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
MESR	1.31	62.4	Pn	00:15:30.552	0.8					T__		0.2				14716209	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
MESR	1.31	62.4	Sn	00:15:49.280	0.3					T__		0.2				14716210	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
DEV	1.33	119.7	Pg	00:15:30.669	0.2					T__	5.1	0.2		MLv	2.5	14716211	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_																																																																			
DEV	1.33	119.7	Sn	00:15:49.069	0.3					T__		0.1				14716212	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
(Station ML : 2.5 1)																																																																																											
CEI	1.40	35.8	Sn	00:15:52.862	1.6					T__						14716213	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
GZR	1.58	136.9	Pg	00:15:35.314	0.1					T__						14716215	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
GZR	1.58	136.9	Pb	00:15:37.869	2.7					T__	6.8	0.1		MLv	2.3	14716217	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_																																																																			
GZR	1.58	136.9	Sn	00:15:55.818	0.5					T__						14716218	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
(Station ML : 2.3 1)																																																																																											
CJR	1.63	83.6	Pn	00:15:35.455	1.1					T__	6.1	0.1		MLv	2.5	14716219	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_																																																																			
CJR	1.63	83.6	Pg	00:15:36.167	-0.5					T__						14716220	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			
CJR	1.63	83.6	Pg	00:15:36.167	-0.5					T__		0.1				14716221	FDSN	IR	--	ISC	iLoc	???	???	_																																																																			

CJR	1.63	83.6	Pb	00:15:41.300	4.6	T__								14716222	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.63	83.6	Sn	00:15:57.489	0.3	T__				0.1				14716223	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.5 1																						
PSZ	1.65	326.4	Pg	00:15:41.500	2.5	T__								14716224	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	1.65	326.4	Pn	00:15:34.291	-0.1	T__	3.0			0.1		MLv	2.2	14716225	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																						
FRGS	1.72	216.2	Pg	00:15:37.452	-0.1	T__								14716226	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	1.72	216.2	Sn	00:15:59.784	1.5	T__								14716228	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.80	169.4	Pn	00:15:38.438	1.9	T__								14716229	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.80	169.4	Sn	00:16:01.210	0.2	T__								14716231	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.83	260.3	Pg	00:15:39.999	-1.5	T__	4.0			0.1		MLv	2.7	14716232	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.83	260.3	Sn	00:16:04.034	3.1	T__								14716233	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Station ML : 2.7 0																						
HERR	1.86	153.5	Pn	00:15:38.339	1.1	T__								14716234	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.86	153.5	Sn	00:16:04.430	2.1	T__								14716236	FDSN	IR	--	ISC	iLoc	???	???	_
A267A	1.94	282.6	Lg	00:16:10.432	-1.0	T__								14716237	FDSN	Z3	00	BUD	iLoc	HHN	???	_
LOT	2.08	121.3	Pn	00:15:42.289	1.7	T__								14716238	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	2.08	121.3	Pg	00:15:44.100	-1.3	T__								14716240	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	2.08	121.3	Sn	00:16:09.503	1.2	T__								14716241	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	2.08	121.3	Pb	00:15:44.399	-1.0	T__	4.1			0.1		MLv	2.5	14716242	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
LOT	2.08	121.3	Lg	00:16:10.551	-5.0	T__								14716243	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 2.5 1																						
ARCR	2.20	74.9	Pg	00:15:48.223	0.3	T__	1.7			0.1		MLv	2.5	14716244	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.5 1																						
CSKK	2.20	292.6	Pn	00:15:42.115	0.2	T__	2.3			0.5		MLv	3.4	14716245	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	2.20	292.6	Lg	00:16:17.540	-2.4	T__								14716246	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 3.4 0																						
MDB	2.21	99.7	Sn	00:16:12.060	0.7	T__								14716247	FDSN	IR	--	ISC	iLoc	???	???	_
KOVH	2.23	259.1	Pg	00:15:47.932	-1.4	T__	3.3			0.0		MLv	2.4	14716249	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	2.23	259.1	Lg	00:16:17.060	-4.1	T__								14716250	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 2.4 1																						
SRO	2.36	303.2	Pn	00:15:44.662	0.5	T__	2.9			0.2		MLv	3.1	14716251	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 3.1 0																						
A265A	2.39	268.1	Lg	00:16:23.392	-2.7	T__								14716252	FDSN	Z3	00	BUD	iLoc	HHN	???	_
KOLS	2.48	15.8	Lg	00:16:28.853	-2.2	T__								14716253	FDSN	SK	--	BUD	iLoc	HHE	???	_
MPLH	2.62	284.9	Pn	00:15:47.700	-0.1	T__	1.6			0.0		MLv	2.5	14716254	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	2.62	284.9	Lg	00:16:30.603	-2.6	T__								14716255	FDSN	HU	--	BUD	iLoc	BHR	???	_
(Station ML : 2.5 1																						
VOIR	2.88	111.5	Pn	00:15:53.429	1.3	T__								14716256	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	2.88	111.5	Sn	00:16:28.785	-0.1	T__								14716258	FDSN	IR	--	ISC	iLoc	???	???	_
BURAR	2.91	66.6	Pn	00:15:53.931	1.1	T__								14716259	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BLY	3.35	239.7	Lg	00:16:54.792	-1.0	T__								14716260	FDSN	MN	--	BUD	iLoc	BHR	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2016/04/30 03:28:02.74 3.46 0.16 45.9879 18.3589 35.0 6.8 170 0.0A 4 2 258 0.21 0.30 m ke BUD 14716334 iLoc 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	0.21	299.2	Pg	03:28:06.658	-0.0					T__	1.3	0.0			MLv	0.5	14716336	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.21	299.2	Lg	03:28:09.485	0.1					T__						14716337	FDSN	HU	--	BUD	iLoc	BHE	???	_	



MORH	0.30	41.0	Pg	03:28:08.595	0.0	T__	2.5	0.0	___	MLv	0.7	14716338	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.30	41.0	Lg	03:28:12.366	-0.1	T__			---			14716339	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
2016/04/30	08:59:57.48	3.46	0.09	45.9767	18.3613	33.6	7.0	170	0.0A	4	2	262	0.21	0.31	m	kx	BUD	14716350	iLoc			360
2016/04/30	08:59:57.69f		0.19	46.1765	18.2926f				0.0S	4		204	0.16	0.25	a	kx	BUD_GT	14759289	BUD			360

(GT info : GT2 explosion)  
(locality : Komló II.)

Magnitude Err Nsta Author OrigID

Sta	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	09:00:01.545	0.0					T__		0.3		---	MLv	14759599	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	09:00:04.403	-0.2					T__				---		14759600	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.25	80.7	Pg	09:00:03.450	0.2					T__		0.1		---	MLv	14759601	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	09:00:07.379	-0.2					T__				---		14759602	FDSN	HU	--	BUD	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	
2016/05/01	02:08:04.37	1.64	0.31	47.2425	17.5382	13.4	5.2	63	6.6F	9.9	7	5	181	0.07	1.28	m	ke	BUD	14716358	iLoc			274

Magnitude Err Nsta Author OrigID  
MLv 0.8 0.0 2 BUD 14716358

Sta	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	0.07	179.3	Pg	02:08:06.455	-0.0					T__	11.2	0.2		---	MLv	0.8	14716360	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.07	179.3	Lg	02:08:08.140	0.0					T__				---		14716361	FDSN	HU	--	BUD	iLoc	BHN	???	_	
EGYH	0.22	321.1	Pg	02:08:09.124	-0.1					T__	2.1	0.1		---	MLv	0.9	14716362	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.22	321.1	Lg	02:08:12.966	0.1					T__				---		14716363	FDSN	HU	--	BUD	iLoc	SHE	???	_	
KOGS	1.19	228.5	Lg	02:08:44.602	0.1					T__				---		14716364	FDSN	SL	--	BUD	iLoc	BHR	???	_	
KOVH	1.22	161.3	Lg	02:08:45.369	-0.3					T__				---		14716365	FDSN	HU	--	BUD	iLoc	BHE	???	_	
MORH	1.28	143.1	Lg	02:08:47.816	0.3					T__				---		14716366	FDSN	HU	--	BUD	iLoc	BHT	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/05/01	22:23:08.46	1.29	1.03	48.6113	18.6464	8.2	5.3	35	7.4F	9.4	11	8	76	0.17	1.36	m	ke	BUD	14716369	iLoc			144

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 6 BUD 14716369

Sta	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	132.9	Pg	22:23:11.975	-0.3					T__	14.0	0.0		---	MLv	14716371	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.17	132.9	Lg	22:23:14.975	-0.2					T__				---		14716372	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : -0.1 0																									
JAVC	0.69	291.4	Pg	22:23:22.060	-0.3					T__	2.0	0.0		---	MLv	1.6	14716373	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.6 1																									
MODS	0.94	255.8	Pg	22:23:26.935	-0.3					T__	2.8	31.3		---	MLv	4.5	14716374	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.94	255.8	Lg	22:23:40.743	0.1					T__				---		14716375	FDSN	SK	--	BUD	iLoc	HHT	???	_	

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(Station ML : 4.5 0
A269A 0.99 190.4 Pg 22:23:28.335 0.2 T__ 6.5 0.1 ___ MLv 2.1 14716376 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Station ML : 2.1 1
PSZ 1.08 129.3 Pn 22:23:29.874 0.6 T__ 1.9 0.0 ___ MLv 1.6 14716377 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 1.08 129.3 Sn 22:23:44.170 -1.3 T__ ___ 14716378 FDSN GE -- BUD iLoc BHN ??? _
(Station ML : 1.6 1
ET1H 1.10 131.4 Sn 22:23:44.720 -0.7 T__ ___ 14716379 FDSN HU -- BUD iLoc HHE ??? _
OKC 1.27 345.3 Lg 22:23:48.604 -1.2 T__ ___ 14716380 FDSN CZ -- BUD iLoc BHN ??? _
NIE 1.36 53.0 Pn 22:23:34.908 1.7 T__ 1.1 0.0 ___ MLv 1.4 14716381 FDSN PL -- BUD iLoc BHZ BHZ _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2016/05/02 08:26:42.31 1.58 0.73 48.5387 19.3704 12.2 5.1 7 0.0A 7 4 190 0.36 7.45 m ke BUD 14716407 iLoc 303

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Magnitude Err Nsta Author OrigID
ML 1.4 1.6 3 BUD 14716407

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Sta 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 0.36 263.0 Pg 08:26:49.928 0.3 T__ 5.9 0.0 ___ MLv 0.1 14716409 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.36 263.0 Lg 08:26:54.780 -0.3 T__ ___ 14716410 FDSN SK -- BUD iLoc HHE ??? _
(Station ML : 0.1 1
PSZ 0.71 150.4 Pg 08:26:58.205 0.8 T__ 2.1 0.0 ___ MLv 1.4 14716411 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.71 150.4 Lg 08:27:08.478 -0.2 T__ ___ 14716412 FDSN GE -- BUD iLoc BHN ??? _
(Station ML : 1.4 1
KECS 0.74 93.9 Pg 08:26:57.585 0.5 T__ 1.8 0.3 ___ MLv 2.5 14716413 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.74 93.9 Lg 08:27:08.533 0.3 T__ ___ 14716414 FDSN SK -- BUD iLoc EHN ??? _
(Station ML : 2.5 1
TIRR 7.45 119.8 Pg 08:29:04.538 -1.0 T__ ___ 14716415 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
2016/05/02 09:59:02.79 3.27 0.49 47.8874 20.0158 23.4 18.6 158 0.0A 4 2 334 0.09 0.10 m kx BUD 14716429 iLoc 360

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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 0.09 290.9 Pg 09:59:05.167 -0.2 T__ 147.2 3.1 ___ MLv 2.0 14716431 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.09 290.9 Lg 09:59:07.764 0.3 T__ ___ 14716432 FDSN GE -- BUD iLoc BHZ ??? _
ET1H 0.10 265.2 Pg 09:59:05.511 0.2 T__ 173.1 3.1 ___ MLv 2.1 14716433 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.10 265.2 Lg 09:59:07.142 -0.3 T__ ___ 14716434 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
2016/05/03 08:45:47.15 1.59 1.14 48.3342 19.0953 10.6 5.8 35 1.6F 14.4 9 5 172 0.24 1.35 m ke BUD 14716810 iLoc 219

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Magnitude Err Nsta Author OrigID
ML 1.5 0.7 4 BUD 14716810

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Sta 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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VYHS	0.24	312.9	Pg	08:45:51.355	-0.7	T__	32.3	0.0	___	MLv	0.6	14716812	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 0.6 1																				
PSZ	0.68	127.6	Pg	08:46:02.141	0.7	T__	1.8	0.0	___	MLv	1.5	14716813	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.68	127.6	Lg	08:46:12.123	0.1	T__			---			14716814	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.5 1																				
KECS	0.94	80.3	Pn	08:46:04.923	-1.4	T__	1.9	0.4	___	MLv	2.6	14716815	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.94	80.3	Lg	08:46:18.511	-1.1	T__			---			14716816	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.6 1																				
JAVC	1.08	299.6	Pn	08:46:09.053	0.5	T__			---			14716817	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	1.08	299.6	Sn	08:46:24.877	-0.1	T__			---			14716818	FDSN	CZ	--	BUD	iLoc	BHR	???	_
NIE	1.35	36.1	Pn	08:46:13.257	0.9	T__	1.6	0.0	___	MLv	1.5	14716819	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.35	36.1	Lg	08:46:33.167	1.2	T__			---			14716820	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
2016/05/03	10:01:45.64	1.15	0.77	48.3261	19.8622	5.8	5.5	105	0.0S		10	6	107	0.41	1.21	m	kx	BUD	14716955	iLoc		215

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	14716955

Sta	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	177.0	Pg	10:01:54.456	-0.2					T__	6.5	0.2		___	MLv	1.7	14716957	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.41	177.0	Lg	10:02:01.116	-0.3					T__				---		14716958	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
KECS	0.44	69.0	Pg	10:01:54.762	0.1					T__	9.6	0.7		___	MLv	2.4	14716959	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
(Station ML : 2.4 0																									
VYHS	0.70	284.2	Pg	10:01:59.950	0.1					T__	7.5	0.0		___	MLv	0.8	14716960	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.70	284.2	Lg	10:02:09.342	-0.9					T__				---		14716961	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.8 0																									
LANS	0.87	342.6	Lg	10:02:14.831	-0.5					T__				---		14716962	FDSN	SK	--	BUD	iLoc	EHE	???	_	
NIE	1.13	15.1	Pn	10:02:08.633	0.6					T__	3.2	0.0		___	MLv	1.6	14716963	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.13	15.1	Lg	10:02:22.820	-0.5					T__				---		14716964	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
CRVS	1.21	60.9	Pn	10:02:09.857	0.7					T__	2.4	0.0		___	MLv	1.4	14716965	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	1.21	60.9	Lg	10:02:26.484	-1.3					T__				---		14716966	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
2016/05/03	11:25:02.85	1.79	0.40	47.2120	18.4163	13.7	7.1	75	0.0S		7	4	226	0.18	1.15	m	kx	BUD	14716988	iLoc		301
2016/05/03	11:25:03.64f		1.07	47.2302	18.2835f				0.0S		7		193	0.13	1.15	a	kx	BUD_GT	14759291	BUD		270

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	3 BUD	14716988
ML	1.7	0.2	3 BUD	14759291

Sta	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	353.4	Pg	11:25:07.355	0.4					T__		2.8		___	MLv	14759605	FDSN	HU	--	BUD	BUD	SHZ	SHZ	_
CSKK	0.13	353.4	Lg	11:25:10.237	0.6					T__				---		14759606	FDSN	HU	--	BUD	BUD	SHE	???	_

MPLH	0.51	263.5	Pg	11:25:15.307	1.0	T__	0.1	---	MLv	14759607	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MPLH	0.51	263.5	Lg	11:25:23.994	1.7	T__		---		14759608	FDSN	HU	--	BUD	BUD	BHN	???	_
EGYH	0.67	286.4	Sn	11:25:30.586	-1.4	T__		---		14759609	FDSN	HU	--	BUD	BUD	SHZ	???	_
KOVH	1.15	186.4	Pn	11:25:25.070	-1.0	T__	0.0	---	MLv	14759610	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	1.15	186.4	Sn	11:25:43.061	-0.6	T__		---		14759611	FDSN	HU	--	BUD	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
2016/05/04	07:31:17.95	1.55	0.78	48.6939	18.6200	9.5	5.5	43	3.0F	13.0	9	6	146	0.25	1.29	m	ke BUD	14717010	iLoc		164	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	1.7	3 BUD	14717010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
VYHS	0.25	144.3	Pg	07:31:22.660	-0.4					T__	43.3	0.0	---	MLv	0.7	14717012	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 0.7 1																								
JAVC	0.65	285.1	Pg	07:31:30.595	-0.4					T__			---		14717013	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
MODS	0.95	250.7	Pn	07:31:37.921	0.6					T__	2.3	51.8	---	MLv	4.7	14717014	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.95	250.7	Lg	07:31:50.478	0.0					T__			---		14717015	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 4.7 1																								
PSZ	1.15	131.9	Pn	07:31:41.145	0.9					T__	1.9	0.0	---	MLv	1.8	14717016	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.15	131.9	Sn	07:31:56.646	-1.0					T__			---		14717017	FDSN	GE	--	BUD	iLoc	BHR	???	_	
(Station ML : 1.8 1																								
OKC	1.19	345.0	Sn	07:31:58.255	0.2					T__			---		14717018	FDSN	CZ	--	BUD	iLoc	BHR	???	_	
MORC	1.29	327.3	Pn	07:31:41.692	-0.4					T__			---		14717019	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
MORC	1.29	327.3	Lg	07:32:00.382	0.7					T__			---		14717020	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
2016/05/04	08:40:45.53		0.45	38.7417	22.1800	5.8			64.5F	33.1						a	ke TIR	14597414	ISC		360	
2016/05/04	08:40:15.97	1.21	1.53	48.5914	20.7526	8.3	4.3	140	7.0F	10.2	13	8	119	0.21	6.25	m	ke BUD	14717034	iLoc		150	

Magnitude	Err	Nsta	Author	OrigID
Md	4.8		TIR	14597414
ML	1.9	0.2	7 BUD	14717034

Sta	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	238.7	Pg	08:40:20.068	-0.3					T__	23.4	1.4	---	MLv	2.0	14717036	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	238.7	Lg	08:40:24.232	0.4					T__			---		14717037	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.0 1																								
CRVS	0.56	56.2	Pg	08:40:26.996	0.3					T__	2.7	0.0	---	MLv	1.0	14717038	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.56	56.2	Lg	08:40:34.906	-0.9					T__			---		14717039	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.0 1																								
PSZ	0.88	220.7	Pg	08:40:33.799	-0.7					T__	2.3	0.1	---	MLv	1.8	14717040	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	220.7	Lg	08:40:46.966	-0.7					T__			---		14717041	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 1																								
LANS	1.02	303.9	Pg	08:40:35.812	-0.1					T__	2.9	0.1	---	MLv	1.9	14717042	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 1.9 1																								
KOLS	1.06	70.6	Pn	08:40:38.052	1.2					T__	5.8	10.2	---	MLv	4.1	14717043	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 4.1 0																								

VYHS	1.28	266.3	Pn	08:40:40.684	1.3	T__	3.7	0.0	---	MLv	0.8	14717044	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.28	266.3	Sn	08:40:58.964	1.0	T__			---			14717045	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 0.8 0																				
OJC	1.74	339.4	Pg	08:40:49.963	0.7	T__	3.4	0.1	---	MLv	2.3	14717046	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.74	339.4	Sn	08:41:07.189	-3.7	T__			---			14717047	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Station ML : 2.3 1																				
BCI	6.24	184.7	Pg	08:42:35.740	21.2	---			---			14717048	FDSN	IR	--	ISC	iLoc	???	???	_
PDG	6.25	190.2	Pn	08:41:49.922	0.6	T__			---			14717049	FDSN	IR	--	ISC	iLoc	???	???	_
PDG	6.25	190.2	Pg	08:41:51.000	-23.8	---			---			14717050	FDSN	IR	--	ISC	iLoc	???	???	_
PHP	6.91	181.9	Pg	08:42:23.010	-3.9	---			---			14717051	FDSN	IR	--	ISC	iLoc	???	???	_
PHP	6.91	181.9	Sn	08:43:01.930	-15.1	---			---			14717052	FDSN	IR	--	ISC	iLoc	???	???	_
TIR	7.27	185.3	Pg	08:42:22.840	-11.3	---			---			14717053	FDSN	IR	--	ISC	iLoc	???	???	_
KBN	7.97	179.8	Pn	08:42:07.510	-6.2	---			---			14717054	FDSN	IR	--	ISC	iLoc	???	???	_
AQU	8.10	222.3	Pg	08:42:37.600	-12.4	---		0.3	---			14717055	FDSN	IR	--	ISC	iLoc	???	???	_
AQU	8.10	222.3	Pb	08:42:39.600	-10.4	---		90.5	0.81	---		14717056	FDSN	IR	--	ISC	iLoc	???	???	_
AQU	8.10	222.3	Pb	08:42:39.600	-10.4	---		0.3	---			14717057	FDSN	IR	--	ISC	iLoc	???	???	_
LSK	8.44	180.8	Pn	08:42:01.110	-19.3	---			---			14717058	FDSN	IR	--	ISC	iLoc	???	???	_
LSK	8.44	180.8	x	08:42:27.630	-99.0	---			---			14717059	FDSN	IR	--	ISC	iLoc	???	???	_
SRN	8.73	183.8	Pn	08:42:05.230	-19.0	---			---			14717060	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
2016/05/04	09:13:55.91	0.99	0.58	46.8751	17.4386	6.0	4.9	86	0.0S		12	7	114	0.21	1.06	m	kx	BUD	14717093	iLoc		164

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.5	5 BUD	14717093

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A261A	0.21	291.3	Pg	09:14:00.545	-0.3					T__	65.4	7.2		---	MLv	2.7	14717095	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.7 0																									
A263A	0.25	200.0	Pg	09:14:01.649	0.1					T__	9.4	1.0		---	MLv	2.0	14717096	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.0 1																									
MPLH	0.30	13.1	Pg	09:14:02.306	-0.2					T__	16.7	0.3		---	MLv	1.7	14717097	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.30	13.1	Lg	09:14:07.146	-0.5					T__				---			14717098	FDSN	HU	--	BUD	iLoc	BHN	???	_
MPLH	0.30	13.1	Sg	09:14:09.100	1.3					T__		0.3		---			14717099	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.7 1																									
KOVH	0.91	149.6	Pn	09:14:15.552	0.4					T__	1.6	0.0		---	MLv	1.5	14717100	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.91	149.6	Sn	09:14:29.998	-0.3					T__				---			14717101	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.5 0																									
KOGS	0.92	242.9	Pn	09:14:15.741	0.3					T__	2.0	0.3		---	MLv	2.5	14717102	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.92	242.9	Lg	09:14:27.198	-0.6					T__				---			14717103	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Station ML : 2.5 1																									
SOP	1.01	323.8	Lg	09:14:30.722	-0.3					T__				---			14717104	FDSN	HU	--	BUD	iLoc	BHN	???	_
MORH	1.06	128.0	Lg	09:14:32.844	-0.3					T__				---			14717105	FDSN	HU	--	BUD	iLoc	BHN	???	_
MORH	1.06	128.0	Pn	09:14:16.800	-0.3					T__		0.0		---			14717106	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	
2016/05/04	09:38:28.29	1.55	0.60	48.3312	18.4838	15.7	6.0	3	5.0A		7	5	160	0.29	1.57	m	ke	BUD	14717130	iLoc			218

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.29	55.1	Pg	09:38:34.502	0.3					T__	15.5	0.0		---	MLv	0.3	14717132	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.29	55.1	Lg	09:38:38.423	-0.2					T__				---			14717133	FDSN	SK	--	BUD	iLoc	HHZ	???	_
JAVC	0.76	314.7	Pg	09:38:43.487	0.1					T__				---			14717134	FDSN	CZ	--	BUD	iLoc	BHE	???	_
JAVC	0.76	314.7	Lg	09:38:53.493	-0.8					T__				---			14717135	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MODS	0.81	273.4	Lg	09:38:56.118	0.1					T__				---			14717136	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.03	113.1	Sn	09:39:03.693	-0.7					T__				---			14717137	FDSN	GE	--	BUD	iLoc	BHT	???	_
MORC	1.57	337.2	Pn	09:38:56.413	0.4					T__				---			14717138	FDSN	CZ	--	BUD	iLoc	BHT	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/05/04	11:00:30.20	1.10	0.89	48.9081	20.8740	6.2	4.8	149	0.0S	9.6	25	10	99	0.39	1.49	m	kx	BUD	14717140	iLoc		227

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	5 BUD	14717140

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CRVS	0.39	90.7	Pg	11:00:38.411	0.7					T__	11.4	0.1		---	MLv	1.1	14717142	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.39	90.7	Lg	11:00:43.260	-1.0					T__				---			14717143	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML	:	1.1	0																						
KECS	0.50	211.3	Pg	11:00:41.152	1.0					T__	6.1	0.4		---	MLv	2.3	14717144	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.50	211.3	Lg	11:00:48.297	0.6					T__				---			14717145	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML	:	2.3	1																						
MASL	0.75	81.6	Lg	11:00:57.191	0.9					T__				---			14717146	FDSN	SK	--	BUD	iLoc	EHE	???	_
KOLS	0.92	87.9	Pn	11:00:49.297	-0.7					T__	10.5	21.4		---	MLv	4.3	14717147	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.92	87.9	Lg	11:01:03.259	0.6					T__				---			14717148	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML	:	4.3	0																						
PSZ	1.19	213.7	Pg	11:00:54.918	0.0					T__	3.1	0.1		---	MLv	2.0	14717149	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.19	213.7	Sn	11:01:11.242	-0.8					T__				---			14717150	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML	:	2.0	1																						
OJC	1.49	332.3	Pg	11:01:00.468	0.9					T__	1.5	0.1		---	MLv	2.1	14717151	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.49	332.3	Lg	11:01:20.016	-0.5					T__				---			14717152	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
2016/05/05	10:30:57.91	0.94	1.70	48.8353	20.5260	3.9	3.7	137	9.6F	9.6	25	10	99	0.35	2.61	m	ke	BUD	14717174	iLoc		120

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.4	9 BUD	14717174

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.35	184.4	Pg	10:31:04.538	-0.7					T__	11.5	0.7		---	MLv	2.1	14717176	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.35	184.4	Lg	10:31:09.949	-0.8					T__				---			14717177	FDSN	SK	--	BUD	iLoc	EHE	???	_
KECS	0.35	184.4	Pb	10:31:10.300	5.1					---		0.7		---			14717178	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	:	2.1	1																						
NIE	0.60	346.6	Pg	10:31:10.343	1.0					T__	4.3	0.1		---	MLv	1.6	14717179	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.60	346.6	Lg	10:31:16.143	-2.0					T__				---			14717180	FDSN	PL	--	BUD	iLoc	BHN	???	_
NIE	0.60	345.8	Pb	10:31:10.900	1.5					T__		0.1		---			14717181	FDSN	IR	--	ISC	iLoc	???	???	_

(Station ML : 1.6 1																				
CRVS	0.62	83.5	Pg	10:31:10.500	0.8	T__		0.0	---	14717182	FDSN	IR	--	ISC	iLoc	???	???	_		
CRVS	0.62	83.5	Pb	10:31:09.173	-0.5	T__	3.3	0.0	---	MLv	1.2	14717183	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.62	83.5	Lg	10:31:17.426	-2.4	T__			---			14717184	FDSN	SK	--	BUD	iLoc	HHR	???	_
(Station ML : 1.2 1																				
LANS	0.77	294.8	Pg	10:31:12.781	-0.3	T__	6.6	0.1	---	MLv	2.0	14717185	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.77	294.8	Pb	10:31:14.400	1.4	T__		0.1	---			14717186	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	0.77	294.8	Lg	10:31:21.614	-2.4	T__			---			14717187	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Station ML : 2.0 1																				
MASL	0.99	79.1	Pg	10:31:17.120	0.8	T__			---			14717188	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	0.99	79.1	Lg	10:31:31.144	-0.5	T__			---			14717189	FDSN	SK	--	BUD	iLoc	EHR	???	_
PSZ	1.01	204.9	Pg	10:31:21.900	3.4	T__			---			14717190	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	1.01	204.9	Pn	10:31:17.464	-0.1	T__	3.6	0.1	---	MLv	2.0	14717191	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.01	204.9	Lg	10:31:32.094	-1.3	T__			---			14717192	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 1																				
KOLS	1.16	84.5	Pg	10:31:20.283	0.6	T__	6.5	14.5	---	MLv	4.3	14717193	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.16	84.5	Pb	10:31:20.600	0.9	T__			---			14717194	FDSN	IR	--	ISC	iLoc	???	???	_
KOLS	1.16	84.5	Pn	10:31:36.049	16.2	---			---			14717195	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 4.3 0																				
VYHS	1.17	253.7	Pg	10:31:21.268	0.3	T__	3.3	0.0	---	MLv	1.0	14717196	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.17	253.7	Lg	10:31:34.330	-3.1	T__			---			14717197	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.0 0																				
OJC	1.46	341.4	Pn	10:31:25.063	0.9	T__	2.7	0.1	---	MLv	2.3	14717198	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.46	341.4	Pg	10:31:27.800	1.9	T__			---			14717199	FDSN	IR	--	ISC	iLoc	???	???	_
OJC	1.46	341.4	Sn	10:31:44.024	-1.3	T__			---			14717200	FDSN	PL	--	BUD	iLoc	BHN	???	_
OJC	1.46	341.4	Lg	10:31:44.140	-2.5	T__			---			14717201	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.3 1																				
MPLH	2.61	231.4	Pn	10:31:40.044	0.3	T__	7.8	0.3	---	MLv	3.4	14717202	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/05/06	08:41:30.26	3.38	0.13	45.5435	17.7613	32.2	21.7	116	5.0A		4	2	341	0.59	0.91	m	ke BUD	14717244	iLoc			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	0.59	23.4	Pg	08:41:42.330	-0.0				T__		1.5	0.0		---	MLv	1.3	14717246	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.59	23.4	Lg	08:41:51.548	0.1				T__					---		14717247	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
MORH	0.91	42.2	Pg	08:41:48.432	0.0				T__	3.3	0.0			---	MLv	1.6	14717248	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.91	42.2	Lg	08:42:01.805	-0.1				T__					---		14717249	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	
2016/05/06	13:51:05.62	1.61	0.71	45.5719	20.0995	7.7	5.2	156	3.1F	13.2	17	11	87	0.47	2.35	m	ke BUD	14717252	iLoc				112

Magnitude Err Nsta Author OrigID  
ML 2.4 0.2 9 BUD 14717252

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
FRGS	0.47	203.2	Pg	13:51:14.479	-0.6				T__		39.7	0.8		---	MLv	2.5	14717254	FDSN	SJ	--	BUD	iLoc	HHZ	HHZ	_

FRGS	0.47	203.2	Lg	13:51:21.643	-0.9	T__									14717255	FDSN	SJ	--	BUD	iLoc	HHE ???	_
(Station ML : 2.5 1																						
BEO	0.79	161.3	Lg	13:51:32.271	0.3	T__									14717256	FDSN	SJ	--	BUD	iLoc	BHE ???	_
BZS	1.08	87.0	Pg	13:51:27.095	0.4	T__	10.5	0.1	---	MLv	2.2	14717257	FDSN	RO	--	BUD	iLoc	BHE	BHZ	_		
BZS	1.08	87.0	Sn	13:51:41.258	-1.0	T__									14717258	FDSN	RO	--	BUD	iLoc	BHE ???	_
(Station ML : 2.2 1																						
MORH	1.20	302.9	Pn	13:51:27.503	-0.4	T__	5.5	0.1	---	MLv	2.0	14717259	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
(Station ML : 2.0 0																						
SIRR	1.29	57.0	Pn	13:51:29.892	0.5	T__	8.6	0.2	---	MLv	2.5	14717260	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
SIRR	1.29	57.0	Sn	13:51:47.629	-0.2	T__									14717261	FDSN	RO	--	BUD	iLoc	BHE ???	_
(Station ML : 2.5 1																						
DIVS	1.48	183.0	Pg	13:51:34.191	0.1	T__	16.2	0.3	---	MLv	2.8	14717262	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_		
DIVS	1.48	183.0	Lg	13:51:53.597	-0.7	T__									14717263	FDSN	MN	--	BUD	iLoc	BHE ???	_
(Station ML : 2.8 1																						
KOVH	1.49	291.0	Pn	13:51:33.226	1.1	T__	4.8	0.1	---	MLv	2.0	14717264	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
KOVH	1.49	291.0	Sn	13:51:53.136	0.6	T__									14717265	FDSN	HU	--	BUD	iLoc	BHE ???	_
(Station ML : 2.0 1																						
BBLs	1.77	196.3	Pn	13:51:36.450	0.6	T__	5.1	0.5	---	MLv	3.1	14717266	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_		
BBLs	1.77	196.3	Pg	13:51:39.932	0.7	T__									14717267	FDSN	SJ	--	BUD	iLoc	BHZ ???	_
(Station ML : 3.1 0																						
GZR	1.89	94.5	Pn	13:51:38.245	0.5	T__	3.6	0.1	---	MLv	2.4	14717268	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
(Station ML : 2.4 1																						
DRGR	2.19	55.1	Sn	13:52:09.843	-0.7	T__									14717269	FDSN	RO	--	BUD	iLoc	BHN ???	_
PSZ	2.35	356.6	Pn	13:51:44.297	-0.1	T__	2.0	0.0	---	MLv	2.4	14717270	FDSN	GE	--	BUD	iLoc	BHE	BHZ	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/05/07	09:26:11.79	1.36	0.84	46.3069	21.8638	10.2	5.0	135	1.8F	15.5	9	5	156	0.15	1.88	m	ke BUD	14717820	iLoc			217

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 BUD	14717820

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SIRR	0.15	253.4	Pg	09:26:15.121	0.0					T__	27.9	0.4		---	MLv	1.3	14717822	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.15	253.4	Lg	09:26:17.506	-0.2					T__				---		14717823	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.3 1																									
BZS	0.71	192.9	Pg	09:26:25.893	0.2					T__	1.8	0.0		---	MLv	1.2	14717824	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.71	192.9	Lg	09:26:35.458	-0.4					T__				---		14717825	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.2 0																									
DRGR	0.76	50.0	Pg	09:26:27.636	0.6					T__	2.1	0.0		---	MLv	1.6	14717826	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.76	50.0	Lg	09:26:37.942	-1.4					T__				---		14717827	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
GZR	1.11	144.7	Pn	09:26:33.883	0.5					T__	4.8	0.0		---	MLv	1.7	14717828	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.11	144.7	Sn	09:26:49.668	-0.7					T__				---		14717829	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.7 1																									
ARCR	1.88	64.7	Pn	09:26:45.104	0.4					T__	3.7	0.2		---	MLv	2.8	14717830	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/05/09	08:04:13.64	1.14	1.05	48.5694	20.7688	17.0	4.0	147	0.0A		10	6	151	0.21	1.29	m	ke BUD	14718861	iLoc				168



Magnitude Err Nsta Author OrigID  
 ML 1.5 0.5 6 BUD 14718861

Sta	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	245.5	Pg	08:04:17.720	-0.3					T__	47.5	2.9		---	MLv	2.3	14718863	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	245.5	Lg	08:04:22.213	0.9					T__				---		14718864	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.3 1																									
CRVS	0.57	53.7	Pg	08:04:24.426	-0.1					T__	2.4	0.0		---	MLv	0.9	14718865	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	53.7	Lg	08:04:32.511	-1.4					T__				---		14718866	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.9 1																									
PSZ	0.88	222.2	Pg	08:04:31.208	-0.9					T__	2.2	0.0		---	MLv	1.6	14718867	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	222.2	Lg	08:04:45.359	-0.3					T__				---		14718868	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
ET1H	0.92	221.3	Pn	08:04:33.555	0.7					T__	2.1	0.0		---	MLv	1.5	14718869	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.5 1																									
KOLS	1.06	69.3	Pg	08:04:35.083	1.4					T__	4.2	7.0		---	MLv	3.9	14718870	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.06	69.3	Lg	08:04:49.576	-1.3					T__				---		14718871	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 3.9 0																									
VYHS	1.29	267.4	Pn	08:04:38.295	0.2					T__	2.8	0.0		---	MLv	0.7	14718872	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  
 2016/05/09 08:14:59.01 1.25 0.99 48.5327 19.3857 5.6 5.0 33 5.8F 11.2 13 8 88 0.37 1.74 m ke BUD 14718898 iLoc 145

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 3 BUD 14718898

Sta	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	264.1	Pg	08:15:06.424	-0.1					T__	16.4	0.0		---	MLv	0.6	14718900	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.37	264.1	Lg	08:15:11.085	-1.0					T__				---		14718901	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.6 1																									
LANS	0.62	5.0	Pg	08:15:11.579	0.3					T__	5.7	0.1		---	MLv	1.7	14718902	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.62	5.0	Lg	08:15:19.605	-0.9					T__				---		14718903	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 1.7 1																									
PSZ	0.70	150.9	Pg	08:15:14.106	0.3					T__	2.5	0.1		---	MLv	1.6	14718904	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.70	150.9	Lg	08:15:24.655	-0.1					T__				---		14718905	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
KECS	0.73	93.5	Lg	08:15:24.437	-0.0					T__				---		14718906	FDSN	SK	--	BUD	iLoc	EHE	???	_	
SRO	1.02	225.3	Lg	08:15:33.942	0.1					T__				---		14718907	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JAVC	1.18	286.7	Lg	08:15:38.621	-0.6					T__				---		14718908	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
JAVC	1.18	286.7	Pg	08:15:24.600	2.3					T__				---		14718909	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	1.18	286.7	Sg	08:15:38.500	-0.7					T__				---		14718910	FDSN	IR	--	ISC	iLoc	???	???	_	
MODS	1.41	264.3	Sn	08:15:43.333	-0.7					T__				---		14718911	FDSN	SK	--	BUD	iLoc	HHT	???	_	
MORC	1.74	316.5	Sn	08:15:52.855	0.3					T__				---		14718912	FDSN	CZ	--	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  
 2016/05/09 09:18:13.02 3.81 1.39 48.3278 19.7935 43.7 7.5 50 10.0A 5 3 245 0.42 0.66 m ke BUD 14718926 iLoc 357

Magnitude Err Nsta Author OrigID

Sta	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	170.6	Pg	09:18:20.857	-1.3					T__	2.5	0.0		---	MLv	1.1	14718928	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.42	170.6	Lg	09:18:29.599	0.7					T__				---		14718929	FDSN	GE	--	BUD	iLoc	BHZ	???	_	
ET1H	0.45	173.3	Lg	09:18:30.498	0.8					T__				---		14718930	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
VYHS	0.66	285.0	Pn	09:18:28.185	0.9					T__	4.3	0.0		---	MLv	0.5	14718931	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.66	285.0	Lg	09:18:35.514	-0.4					T__				---		14718932	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
2016/05/09	11:33:21.23	1.45	0.74	48.3616	18.2277	8.1	6.6	95	7.0F	10.2	15	9	128	0.62	1.64	m	ke BUD	14718935	iLoc			196

Magnitude Err Nsta Author OrigID

ML 2.4 0.8 4 BUD 14718935

Sta	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	0.62	323.6	Pg	11:33:33.646	-0.1					T__				---		14718937	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	0.62	323.6	Lg	11:33:42.825	-0.0					T__				---		14718938	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
JAVC	0.62	323.6	Pb	11:33:33.500	-0.2					T__				---		14718939	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	0.62	323.6	Sg	11:33:42.400	-0.4					T__				---		14718940	FDSN	IR	--	ISC	iLoc	???	???	_	
MODS	0.63	271.4	Pg	11:33:33.032	-1.0					T__	2.4	40.1		---	MLv	4.5	14718941	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.63	271.4	Lg	11:33:44.758	1.4					T__				---		14718942	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML	:	4.5	1																						
ZST	0.77	258.0	Pg	11:33:37.078	0.4					T__	1.4	0.9		---	MLv	2.9	14718943	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.77	258.0	Lg	11:33:48.368	0.7					T__				---		14718944	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML	:	2.9	1																						
CSKK	1.00	178.7	Sn	11:33:54.545	-1.1					T__				---		14718945	FDSN	HU	--	BUD	iLoc	SHE	???	_	
PSZ	1.20	111.0	Pn	11:33:44.345	0.7					T__	1.9	0.0		---	MLv	1.7	14718946	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML	:	1.7	1																						
MPLH	1.28	201.5	Sn	11:34:01.898	-0.5					T__				---		14718947	FDSN	HU	--	BUD	iLoc	BHN	???	_	
VRAC	1.44	311.9	Sn	11:34:06.409	0.4					T__				---		14718948	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
MORC	1.49	342.6	Sn	11:34:07.551	-0.3					T__				---		14718949	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
CONA	1.64	255.6	Pn	11:33:49.658	-0.1					T__	1.2	0.0		---	MLv	1.9	14718950	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.64	255.6	Sn	11:34:11.548	0.0					T__				---		14718951	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
2016/05/10	05:52:00.80	0.34	0.14	48.1004	16.1211	4.9	1.4	122	7.3F	1.1	14		211	0.24	1.25	a	ke IPEC	14599679	ISC			360
2016/05/10	05:52:01.20	0.00		48.1000	16.1800				6.0A		28					a	ke PRU	14599686	ISC			360
2016/05/10	05:52:00.97	0.15	0.55	48.0842	16.0784	0.8	0.7	82	10.0F	2.2	56		9	0.21	2.10	a	ke VIE	14599682	ISC			360
2016/05/10	05:52:00.72	0.94	1.25	48.0711	16.1311	2.9	2.4	100	10.3F	6.0	91	47	41	0.23	4.43	m	ke BUD	14718969	iLoc			44

Magnitude Err Nsta Author OrigID

ML 2.6 IPEC 14599679  
mb 2.1 VIE 14599682  
ml 2.6 VIE 14599682  
ML 2.5 0.4 18 BUD 14718969

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

CONA	0.23	231.8	Pg	05:52:05.592	-0.3	T__	172.9	55.6	0.10	---	14718971	FDSN	IR	--	ISC	iLoc	???	???	_		
CONA	0.23	231.8	Lg	05:52:09.127	-0.7	T__		144.8	0.16	---	14718972	FDSN	IR	--	ISC	iLoc	???	???	_		
CONA	0.23	231.8	Pb	05:52:05.318	-0.6	T__	54.1	1.6		---	MLv	2.1	14718973	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 1																					
RONA	0.39	163.3	Pg	05:52:09.012	0.2	T__	22.6	12.9	0.06	---	14718974	FDSN	IR	--	ISC	iLoc	???	???	_		
RONA	0.39	163.3	Lg	05:52:14.716	-0.2	T__		40.7	0.06	---	14718975	FDSN	IR	--	ISC	iLoc	???	???	_		
SOP	0.48	143.3	Pg	05:52:11.249	0.7	T__	6.8	0.2		---	MLv	1.9	14718976	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.48	143.3	Lg	05:52:17.595	-0.1	T__				---	14718977	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.9 0																					
ZST	0.66	78.8	Pg	05:52:14.070	-0.0	T__	3.4	1.5		---	MLv	3.1	14718978	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.1 0																					
A260A	0.88	153.5	Lg	05:52:31.361	1.0	T__				---	14718979	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
ARSA	0.92	206.8	Lg	05:52:30.902	-0.3	T__		9.6	0.17	---	14718980	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	0.92	206.8	Pn	05:52:18.268	-0.3	T__	9.1	0.2		---	MLv	2.3	14718981	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.92	206.8	Sg	05:52:30.778	-0.4	T__				---	14718982	FDSN	OE	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.3 1																					
KRUC	1.01	9.9	Lg	05:52:31.600	-1.8	T__		135.6	0.22	---	14718983	FDSN	IR	--	ISC	iLoc	???	???	_		
KRUC	1.01	9.9	Pg	05:52:19.699	-0.1	T__	14.6	0.4		---	MLv	2.7	14718984	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.7 1																					
MOA	1.27	260.7	Pn	05:52:24.670	1.1	T__	22.6	5.5	0.12	---	14718985	FDSN	IR	--	ISC	iLoc	???	???	_		
MOA	1.27	260.7	Sn	05:52:41.640	-0.1	T__		9.5	0.12	---	14718986	FDSN	IR	--	ISC	iLoc	???	???	_		
VRAC	1.28	13.7	Sn	05:52:40.100	-1.1	T__		154.5	0.30	---	14718987	FDSN	IR	--	ISC	iLoc	???	???	_		
VRAC	1.28	13.7	Pg	05:52:24.511	-0.2	T__	23.1	0.7		---	MLv	3.1	14718988	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
VRAC	1.28	13.7	Lg	05:52:41.468	-0.2	T__				---	14718989	FDSN	CZ	--	BUD	iLoc	BHN	???	_		
(Station ML : 3.1 0																					
JAVC	1.29	51.8	Pn	05:52:23.800	-0.3	T__				---	14718991	FDSN	IR	--	ISC	iLoc	???	???	_		
JAVC	1.29	51.8	Pg	05:52:26.329	0.3	T__	3.2	0.1		---	MLv	2.3	14718990	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.3 1																					
TREC	1.30	341.0	Pg	05:52:24.600	-0.7	T__				---	14718992	FDSN	IR	--	ISC	iLoc	???	???	_		
TREC	1.30	341.0	Pb	05:52:25.235	-0.0	T__	21.1	0.5		---	MLv	2.9	14718993	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
TREC	1.30	341.0	Sn	05:52:41.457	-0.5	T__				---	14718994	FDSN	CZ	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.9 1																					
MPLH	1.31	132.9	Pn	05:52:25.200	1.1	T__	3.9	0.1		---	MLv	2.1	14718995	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 0																					
CKRC	1.43	302.4	Pg	05:52:27.467	-0.2	T__	9.4	0.3		---	MLv	2.8	14718996	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
CKRC	1.43	302.4	Sn	05:52:45.747	0.6	T__				---	14718997	FDSN	CZ	--	BUD	iLoc	BHN	???	_		
CKRC	1.43	302.4	Pb	05:52:27.300	-0.3	T__				---	14718998	FDSN	IR	--	ISC	iLoc	???	???	_		
CKRC	1.43	302.4	Lg	05:52:46.100	-0.5	T__				---	14718999	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.8 1																					
SRD	1.49	99.2	Pn	05:52:27.975	1.5	T__	3.4	0.8		---	MLv	3.2	14719000	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRD	1.49	99.2	Sn	05:52:47.609	1.4	T__				---	14719001	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Station ML : 3.2 0																					
A269A	1.58	105.1	Pn	05:52:28.913	1.2	T__	8.4	0.4		---	MLv	3.0	14719002	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A269A	1.58	105.1	Sn	05:52:49.714	1.3	T__				---	14719003	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 3.0 1																					
SOKA	1.58	208.6	Pn	05:52:30.064	2.1	T__	4.7	3.7	0.22	---	14719004	FDSN	IR	--	ISC	iLoc	???	???	_		
SOKA	1.58	208.6	Sn	05:52:49.842	0.7	T__		2.7	0.20	---	14719005	FDSN	IR	--	ISC	iLoc	???	???	_		
KOGS	1.63	177.1	Pn	05:52:30.289	1.6	T__	2.1	0.3		---	MLv	2.9	14719006	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.63	177.1	Sn	05:52:50.627	0.2	T__				---	14719007	FDSN	SL	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.9 1																					
MAUC	1.71	40.3	Sn	05:52:53.300	1.1	T__		11.1	0.30	---	14719008	FDSN	IR	--	ISC	iLoc	???	???	_		
BIOA	1.72	258.2	Pn	05:52:30.962	1.0	T__		2.4	0.28	---	14719009	FDSN	IR	--	ISC	iLoc	???	???	_		
BIOA	1.72	258.2	Sn	05:52:53.708	1.0	T__				---	14719010	FDSN	IR	--	ISC	iLoc	???	???	_		

VYHS	1.86	75.8	Pn	05:52:32.501	0.7	T__	10.1	0.0	---	MLv	1.6	14719011	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.86	75.8	Sn	05:52:55.445	0.1	T__			---			14719012	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.6 0																				
OBKA	1.90	215.2	Pg	05:52:37.594	0.8	T__	2.4	0.1	---	MLv	2.4	14719013	FDSN	OE	--	BUD	iLoc	BHN	BHZ	_
OBKA	1.90	215.2	Pn	05:52:34.084	1.7	T__		0.7	0.18	---		14719014	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.4 1																				
LOBO	1.92	181.3	Pn	05:52:34.350	1.5	T__						14719015	FDSN	IR	--	ISC	iLoc	???	???	_
LOBO	1.92	181.3	Sn	05:52:56.430	-1.4	T__						14719016	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.94	28.1	Pg	05:52:35.051	-1.7	T__	2.7	0.1	---	MLv	2.4	14719017	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	1.94	28.1	Sn	05:52:57.677	-0.2	T__						14719018	FDSN	CZ	--	BUD	iLoc	BHE	???	_
MORC	1.94	28.1	Pn	05:52:33.900	0.9	T__						14719019	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.94	28.1	Lg	05:52:57.500	-5.1	T__						14719020	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.4 1																				
KALN	1.95	173.4	Pn	05:52:35.740	2.2	T__						14719021	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	1.95	173.4	Sn	05:52:57.560	-1.5	T__						14719022	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.00	303.0	Pg	05:52:37.900	-0.6	T__						14719023	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.00	303.0	Sn	05:53:00.700	1.4	T__						14719024	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	2.05	11.8	Pg	05:52:37.200	-1.0	T__						14719025	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	2.05	11.8	Sn	05:53:01.400	1.0	T__						14719026	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	2.13	243.3	Pg	05:52:40.504	-1.4	T__		4.0	0.32	---		14719027	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	2.13	243.3	Sn	05:53:04.386	1.2	T__		1.3	0.18	---		14719028	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	2.17	183.0	Pn	05:52:38.130	1.5	T__						14719029	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	2.17	183.0	Sn	05:53:02.540	-2.1	T__						14719030	FDSN	IR	--	ISC	iLoc	???	???	_
PRU	2.19	332.0	Sn	05:53:04.463	0.8	T__						14719031	FDSN	CZ	--	BUD	iLoc	BHE	???	_
DPC	2.28	3.1	Pg	05:52:41.400	-1.0	T__						14719032	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.28	3.1	Lg	05:53:12.200	0.4	T__						14719033	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	2.29	191.9	Pn	05:52:40.163	2.2	T__	1.7	0.1	---	MLv	2.8	14719034	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.8 1																				
KOVH	2.40	145.1	Sn	05:53:08.496	-0.5	T__						14719035	FDSN	HU	--	BUD	iLoc	BHN	???	_
UPC	2.44	358.2	Pg	05:52:44.700	-0.5	T__						14719036	FDSN	IR	--	ISC	iLoc	???	???	_
UPC	2.44	358.2	Lg	05:53:17.300	1.0	T__						14719037	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	2.46	62.8	Pn	05:52:41.500	1.1	T__		13.4	0.40	---		14719038	FDSN	IR	--	ISC	iLoc	???	???	_
OSTC	2.49	1.2	Pn	05:52:42.300	1.8	T__		0.0		---		14719039	FDSN	IR	--	ISC	iLoc	???	???	_
OSTC	2.49	1.2	Lg	05:53:18.900	1.1	T__		14.2	0.90	---		14719040	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	2.50	169.9	Pn	05:52:41.410	0.3	T__						14719041	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	2.50	169.9	Sn	05:53:10.000	-2.1	T__						14719042	FDSN	IR	--	ISC	iLoc	???	???	_
CHVC	2.52	358.9	Pn	05:52:42.900	1.9	T__						14719043	FDSN	IR	--	ISC	iLoc	???	???	_
CHVC	2.52	358.9	Lg	05:53:20.000	1.1	T__		20.1	0.50	---		14719044	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	2.53	136.3	Pn	05:52:41.845	0.8	T__	2.0	0.0	---	MLv	2.3	14719045	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	2.53	136.3	Sn	05:53:10.729	-1.2	T__						14719046	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.3 1																				
PSZ	2.53	92.1	Sn	05:53:13.232	1.0	T__						14719047	FDSN	GE	--	BUD	iLoc	BHN	???	_
A250A	3.10	196.2	Pn	05:52:50.260	0.7	T__						14719048	FDSN	IR	--	ISC	iLoc	???	???	_
A250A	3.10	196.2	Sn	05:53:25.710	-1.1	T__						14719049	FDSN	IR	--	ISC	iLoc	???	???	_
NKC	3.24	313.2	Lg	05:53:44.400	0.2	T__		9.4	0.30	---		14719050	FDSN	IR	--	ISC	iLoc	???	???	_
SMRN	3.33	204.9	Pn	05:52:54.280	1.8	T__						14719051	FDSN	IR	--	ISC	iLoc	???	???	_
SMRN	3.33	204.9	Sn	05:53:32.630	0.5	T__						14719052	FDSN	IR	--	ISC	iLoc	???	???	_
BRJN	3.57	208.3	Pn	05:52:57.150	1.1	T__						14719053	FDSN	IR	--	ISC	iLoc	???	???	_
BRJN	3.57	208.3	Sn	05:53:36.980	-1.7	T__						14719054	FDSN	IR	--	ISC	iLoc	???	???	_
CLL	3.82	329.1	Lg	05:54:02.000	-0.8	T__		17.0	0.70	---		14719055	FDSN	IR	--	ISC	iLoc	???	???	_
VIRC	3.85	191.6	Pn	05:53:01.490	1.3	T__						14719056	FDSN	IR	--	ISC	iLoc	???	???	_
VIRC	3.85	191.6	Sn	05:53:44.060	-0.9	T__						14719057	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	4.15	190.8	Pn	05:53:05.920	1.3	T__						14719058	FDSN	IR	--	ISC	iLoc	???	???	_

DUGI	4.15	190.8	Sn	05:53:51.000	-1.8	T__	---	14719059	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	4.43	184.6	Pn	05:53:09.080	0.4	T__	---	14719060	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	4.43	184.6	Sn	05:53:58.440	-1.2	T__	---	14719061	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
2016/05/10	08:10:32.85	1.27	0.66	48.5944	20.7374	7.5	4.1	138	3.3F	12.6	14	8	148	0.20	1.74	m	ke	BUD	14719158	iLoc		162

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	6 BUD	14719158

Sta	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	236.5	Pg	08:10:36.783	-0.2				T__		31.7	1.9		---	MLv	2.1	14719160	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	236.5	Lg	08:10:40.804	0.6				T__					---		14719161	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.1 0																									
CRVS	0.57	57.0	Pg	08:10:43.804	0.2				T__		2.9	0.0		---	MLv	1.0	14719162	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	57.0	Lg	08:10:52.005	-0.9				T__					---		14719163	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.0 1																									
PSZ	0.88	220.1	Pg	08:10:50.769	-0.5				T__		3.2	0.0		---	MLv	1.7	14719164	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	220.1	Lg	08:11:03.562	-1.1				T__					---		14719165	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
ET1H	0.92	219.3	Pn	08:10:52.338	0.6				T__		2.3	0.0		---	MLv	1.5	14719166	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.92	219.3	Lg	08:11:06.117	0.5				T__					---		14719167	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.5 1																									
LANS	1.01	304.1	Pg	08:10:52.400	-0.2				T__			0.1		---		14719168	FDSN	IR	--	ISC	iLoc	???	???	_	
LANS	1.01	304.1	Lg	08:11:07.100	-0.4				T__			0.1		---		14719169	FDSN	IR	--	ISC	iLoc	???	???	_	
KOLS	1.07	71.0	Lg	08:11:10.019	-0.1				T__					---		14719170	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.27	266.2	Pn	08:10:57.343	0.8				T__		2.9	0.0		---	MLv	0.8	14719171	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.27	266.2	Sn	08:11:14.696	-0.6				T__					---		14719172	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.8 0																									
OJC	1.74	339.7	Pg	08:11:06.076	-0.1				T__		1.9	0.0		---	MLv	2.1	14719173	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/05/10	08:51:45.06	0.92	0.89	48.4223	17.2041	4.0	3.6	97	0.0S		28	16	59	0.24	1.96	m	kx	BUD	14719503	iLoc			109

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	15 BUD	14719503

Sta	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	0.24	196.7	Pg	08:51:50.060	-0.2				T__		25.6	10.8		---	MLv	3.0	14719505	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.24	196.7	Lg	08:51:53.879	-0.4				T__					---		14719506	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 3.0 0																									
A001A	0.51	307.2	Pg	08:51:57.232	2.0				T__		5.6	0.2		---	MLv	2.0	14719507	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.0 1																									
JAVC	0.54	35.1	Pg	08:51:56.496	0.4				T__		19.0	0.4		---	MLv	2.4	14719508	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.54	35.1	Lg	08:52:05.284	1.0				T__					---		14719509	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.4 1																									
KRUC	0.83	320.4	Pn	08:52:02.658	-0.5				T__		2.7	0.1		---	MLv	1.8	14719510	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	0.83	320.4	Sn	08:52:14.962	-2.1				T__					---		14719511	FDSN	CZ	--	BUD	iLoc	BHE	???	_	

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(Station ML : 1.8 0
SOP 0.86 210.6 Pn 08:52:03.988 0.5 T__ 4.8 0.2 ___ MLv 2.2 14719512 FDSN HU -- BUD iLoc BHZ BHZ _
SOP 0.86 210.6 Lg 08:52:16.142 1.5 T__ ___ 14719513 FDSN HU -- BUD iLoc BHN ??? _
(Station ML : 2.2 1
VRAC 0.97 335.8 Pn 08:52:04.864 -0.2 T__ 4.4 0.1 ___ MLv 2.1 14719514 FDSN CZ -- BUD iLoc BHZ BHZ _
VRAC 0.97 335.8 Sn 08:52:19.688 -0.8 T__ ___ 14719515 FDSN CZ -- BUD iLoc BHE ??? _
(Station ML : 2.1 1
EGYH 1.01 175.1 Pn 08:52:06.374 0.7 T__ 2.1 0.3 ___ MLv 2.5 14719516 FDSN HU -- BUD iLoc SHZ SHZ _
EGYH 1.01 175.1 Sn 08:52:21.489 -0.0 T__ ___ 14719517 FDSN HU -- BUD iLoc SHE ??? _
(Station ML : 2.5 0
CONA 1.03 241.7 Pn 08:52:05.738 -0.3 T__ 4.1 0.1 ___ MLv 1.9 14719518 FDSN OE -- BUD iLoc BHZ BHZ _
CONA 1.03 241.7 Sn 08:52:21.992 -0.3 T__ ___ 14719519 FDSN OE -- BUD iLoc BHN ??? _
(Station ML : 1.9 0
VYHS 1.09 85.6 Pn 08:52:06.440 -0.3 T__ 9.6 0.0 ___ MLv 1.2 14719520 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.09 85.6 Lg 08:52:21.731 -1.0 T__ ___ 14719521 FDSN SK -- BUD iLoc HHN ??? _
(Station ML : 1.2 0
A268A 1.10 153.7 Pn 08:52:06.442 -0.5 T__ 6.9 0.2 ___ MLv 2.4 14719522 FDSN Z3 00 BUD iLoc HHZ HHZ _
A268A 1.10 153.7 Sn 08:52:24.040 0.3 T__ ___ 14719523 FDSN Z3 00 BUD iLoc HHN ??? _
(Station ML : 2.4 1
MPLH 1.27 169.6 Pg 08:52:10.415 0.1 T__ 4.2 0.1 ___ MLv 2.0 14719524 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 1.27 169.6 Sn 08:52:27.481 -0.4 T__ ___ 14719525 FDSN HU -- BUD iLoc BHZ ??? _
(Station ML : 2.0 1
CSKK 1.28 145.7 Pg 08:52:11.287 0.9 T__ 4.2 0.9 ___ MLv 3.2 14719526 FDSN HU -- BUD iLoc SHZ SHZ _
CSKK 1.28 145.7 Lg 08:52:28.516 -0.1 T__ ___ 14719527 FDSN HU -- BUD iLoc SHN ??? _
(Station ML : 3.2 0
ARSA 1.63 224.6 Pg 08:52:16.784 0.1 T__ 3.4 0.1 ___ MLv 2.2 14719528 FDSN OE -- BUD iLoc BHZ BHZ _
ARSA 1.63 224.6 Lg 08:52:38.955 -0.3 T__ ___ 14719529 FDSN OE -- BUD iLoc BHN ??? _
(Station ML : 2.2 1
ET1H 1.87 105.9 Pg 08:52:22.098 -0.3 T__ 2.4 0.0 ___ MLv 2.0 14719530 FDSN HU -- BUD iLoc HHZ HHZ _
(Station ML : 2.0 1
PSZ 1.87 104.6 Pg 08:52:24.220 1.6 T__ 2.2 0.0 ___ MLv 2.2 14719531 FDSN GE -- BUD iLoc HHZ HHZ _
(Station ML : 2.2 1
CKRC 1.96 282.8 Lg 08:52:48.060 -0.9 T__ ___ 14719532 FDSN CZ -- 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
2016/05/10 10:47:36.34 1.25 0.41 47.9062 19.8658 7.0 6.2 83 0.0S 9 5 138 0.02 1.27 m kx BUD 14719617 iLoc 253
2016/05/10 10:47:34.71f 0.69 47.8285 19.9317f 0.0S 9 283 0.06 1.36 a kx BUD_GT 14759293 BUD 325
(locality : Gyöngyössolymos-Cserko)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 2.0 0.4 4 BUD 14719617
ML 2.0 0.4 4 BUD 14759293

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ET1H 0.06 321.2 Pg 10:47:37.196 0.6 T__ 4.0 ___ MLv 14759616 FDSN HU -- BUD BUD HHZ HHZ _
PSZ 0.09 344.4 Pg 10:47:36.707 -0.7 T__ 3.7 ___ MLv 14759614 FDSN GE -- BUD BUD BHZ BHZ _
PSZ 0.09 344.4 Lg 10:47:39.116 -0.5 T__ ___ 14759615 FDSN GE -- BUD BUD BHN ??? _
KECS 0.75 29.3 Pg 10:47:50.622 0.9 T__ 0.4 ___ MLv 14759617 FDSN SK -- BUD BUD EHE EHZ _
KECS 0.75 29.3 Lg 10:48:01.340 0.1 T__ ___ 14759618 FDSN SK -- BUD BUD EHN ??? _
VYHS 0.99 312.6 Pg 10:47:54.369 -0.2 T__ 0.0 ___ MLv 14759619 FDSN SK -- BUD BUD HHN HHZ _

```

VYHS	0.99	312.6	Lg	10:48:07.875	-1.4	T__								14759620	FDSN	SK	--	BUD	BUD	HHZ	???	_
LANS	1.36	347.0	Pg	10:48:01.000	-0.3	T__			0.0	---				14759621	FDSN	IR	--	ISC	BUD	???	???	_
LANS	1.36	347.0	Sn	10:48:19.700	-0.7	T__			0.0	---				14759622	FDSN	IR	--	ISC	BUD	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/05/11	06:12:33.26	0.15	0.23	46.2662	21.6682	1.5	0.9	133	3.8F	0.9	15	148	0.00	1.71	a	ke	BUC	14600181	ISC			360
2016/05/11	06:12:31.67	1.22	1.09	46.3044	21.5785	6.9	4.6	125	4.5F	6.5	26	8	179	0.07	1.75	m	ke	BUD	14719896	iLoc		231

Magnitude	Err	Nsta	Author	OrigID
ml	2.1		BUC	14600181
ML	1.8	0.5	4 BUD	14719896

Sta	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	0.07	123.2	Lg	06:12:34.347	-0.8					T__						14719898	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.07	123.7	Pg	06:12:33.023	-0.6					T__	499.7	9.7			MLv	2.5	14719899	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.07	123.7	Sg	06:12:33.927	-1.4					T__						14719900	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.5 1																									
BZS	0.69	176.4	Pg	06:12:45.826	0.6					T__	1.9	0.0			MLv	1.3	14719901	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.69	177.8	Lg	06:12:54.880	-0.3					T__						14719902	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.3 1																									
DRGR	0.92	57.6	Pn	06:12:50.338	-0.1					T__						14719903	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.92	57.6	Sn	06:13:03.001	-2.3					T__						14719905	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.92	57.6	Pg	06:12:50.821	0.8					T__	1.6	0.0			MLv	1.6	14719906	FDSN	RO	--	BUD	iLoc	BHE	BHZ	_
DRGR	0.92	57.6	Lg	06:13:03.130	-1.7					T__						14719907	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
GZR	1.24	137.0	Pg	06:12:55.781	0.4					T__						14719908	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.24	137.0	Pg	06:12:55.781	0.4					T__		0.1				14719909	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.24	137.0	Pb	06:12:56.883	1.5					T__	5.8	0.1			MLv	2.0	14719910	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.24	137.0	Sn	06:13:12.212	-0.5					T__		0.1				14719911	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.24	137.0	Lg	06:13:12.581	-1.0					T__						14719912	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.0 1																									
MESR	1.27	47.6	Sn	06:13:14.786	1.0					T__						14719913	FDSN	IR	--	ISC	iLoc	???	???	_	
MESR	1.27	47.6	Sn	06:13:14.786	1.0					T__		0.1				14719914	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.54	157.3	Pg	06:13:00.860	-0.5					T__						14719915	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.54	157.3	Lg	06:13:21.164	-1.6					T__						14719917	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	1.69	227.8	Pg	06:13:04.103	-0.2					T__						14719918	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	1.69	227.8	Lg	06:13:27.285	-1.2					T__						14719920	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.75	118.4	Pn	06:13:03.482	1.3					T__						14719921	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.75	118.4	Sn	06:13:26.102	-0.0					T__						14719923	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
2016/05/11	07:36:40.59	1.93	0.57	45.7760	17.1557	10.3	7.1	138	13.9F	21.0	7	4	144	0.73	1.13	m	ke	BUD	14719944	iLoc		245

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.4	3 BUD	14719944

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MOSL	0.32	240.1	Pg	07:36:57.210	9.5					---						14719946	FDSN	IR	--	ISC	iLoc	???	???	_

MOSL	0.32	240.1	Lg	07:37:07.360	14.3	---	---	14719947	FDSN	IR	--	ISC	iLoc	???	???	_				
A252A	0.59	124.8	Pg	07:36:43.690	-9.1	---	---	14719948	FDSN	IR	--	ISC	iLoc	???	???	_				
A252A	0.59	124.8	Lg	07:36:44.600	-16.8	---	---	14719949	FDSN	IR	--	ISC	iLoc	???	???	_				
KOVH	0.73	64.3	Pn	07:36:56.166	0.5	T__	3.3	0.0	---	MLv	1.5	14719950	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.73	64.3	Lg	07:37:05.628	-0.3	T__	---	---	---	---	---	14719951	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1																				
PTJ	0.84	279.4	Lg	07:37:08.847	-0.2	T__	---	---	---	---	---	14719952	FDSN	CR	--	BUD	iLoc	BHZ	???	_
BLY	0.99	178.9	Pn	07:36:59.607	0.2	T__	1.5	0.1	---	MLv	1.8	14719953	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	0.99	178.9	Lg	07:37:13.447	-0.1	T__	---	---	---	---	---	14719954	FDSN	MN	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 1																				
MORH	1.13	66.5	Pn	07:37:01.503	0.4	T__	4.9	0.1	---	MLv	2.1	14719955	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.13	66.5	Sn	07:37:16.457	-0.6	T__	---	---	---	---	---	14719956	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
2016/05/11	09:42:58.13	1.25	1.51	48.8437	20.5489	9.8	4.8	92	9.0F	11.5	12	7	102	0.36	1.46	m	ke BUD	14719970	iLoc			201

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	14719970

Sta	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	0.36	186.7	Pg	09:43:05.150	-0.4					T__	3.6	0.6		---	MLv	2.1	14719972	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.36	186.7	Lg	09:43:10.975	-0.3					T__	---	---	---	---	---	14719973	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.1 0																									
NIE	0.60	345.0	Lg	09:43:16.849	-1.4					T__	---	---	---	---	---	14719974	FDSN	PL	--	BUD	iLoc	BHE	???	_	
CRVS	0.61	84.1	Lg	09:43:19.324	-0.2					T__	---	---	---	---	---	14719975	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	1.02	205.5	Pn	09:43:18.332	0.3					T__	3.2	0.0		---	MLv	1.7	14719976	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.02	205.5	Sn	09:43:32.881	-1.0					T__	---	---	---	---	---	14719977	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
ET1H	1.07	205.3	Pg	09:43:20.453	0.8					T__	2.8	0.0		---	MLv	1.7	14719978	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.07	205.3	Sn	09:43:34.200	-0.4					T__	---	---	---	---	---	14719979	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.7 1																									
VYHS	1.19	253.5	Pn	09:43:22.401	2.2					T__	3.7	0.0		---	MLv	0.7	14719980	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.19	253.5	Sn	09:43:35.001	-2.6					T__	---	---	---	---	---	14719981	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.7 0																									
OJC	1.46	340.7	Pg	09:43:26.723	0.7					T__	1.2	0.0		---	MLv	1.8	14719982	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.46	340.7	Sn	09:43:44.208	-1.4					T__	---	---	---	---	---	14719983	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
2016/05/12	09:07:18.44	3.23	0.05	46.1041	18.0645	24.7	13.3	112	0.0A		4	2	311	0.03	0.42	m	kx BUD	14720005	iLoc			360
2016/05/12	09:07:17.74f		0.24	46.1204	18.0243f				0.0S		4		315	0.06	0.44	a	kx BUD_GT	14759295	BUD			360

(GT info : GT2 explosion)  
(locality : Bükkösd I.)

Magnitude	Err	Nsta	Author	OrigID

Sta	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	09:07:19.693	0.0					T__	---	0.8		---	MLv	14759625	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.06	121.4	Lg	09:07:20.953	-0.4					T__	---	---	---	---	---	14759626	FDSN	HU	--	BUD	BUD	BHN	???	_



MORH	0.44	77.3	Pg	09:07:27.298	0.3	T__	0.0	___	MLv	14759627	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.44	77.3	Lg	09:07:34.068	-0.1	T__		---		14759628	FDSN	HU	--	BUD	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
2016/05/12	10:13:40.54	1.41	0.67	48.5641	20.7927	11.2	5.7	143	8.0F	10.1	10	7	153	0.22	1.30	m	ke	BUD	14720013	iLoc		169

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.5	5 BUD	14720013

Sta	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	248.5	Pg	10:13:45.204	-0.0					T__	20.3	2.4		___	MLv	2.3	14720015	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.22	248.5	Lg	10:13:49.211	0.4					T__				---		14720016	FDSN	SK	--	BUD	iLoc	EHE	???	_	
				(Station ML	:	2.3	0																		
CRVS	0.56	52.4	Pg	10:13:52.141	1.0					---	2.4	0.0		___	MLv	1.0	14720017	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.56	52.4	Lg	10:13:59.691	-0.6					T__				---		14720018	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Station ML	:	1.0	1																		
PSZ	0.88	223.2	Pg	10:13:59.242	0.2					T__	1.8	0.1		___	MLv	1.7	14720019	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	223.2	Sn	10:14:12.291	-0.5					T__				---		14720020	FDSN	GE	--	BUD	iLoc	BHE	???	_	
				(Station ML	:	1.7	1																		
NIE	0.91	339.9	Pn	10:14:01.803	2.8					---	1.3	0.0		___	MLv	1.3	14720021	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.91	339.9	Sn	10:14:13.308	-0.2					T__				---		14720022	FDSN	PL	--	BUD	iLoc	BHE	???	_	
				(Station ML	:	1.3	1																		
ET1H	0.92	222.3	Sn	10:14:12.618	-0.7					T__				---		14720023	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOLS	1.05	68.8	Sn	10:14:18.298	0.9					T__				---		14720024	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.30	267.6	Pg	10:14:06.088	-0.1					T__	3.2	0.0		___	MLv	0.8	14720025	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	267.6	Sn	10:14:23.683	0.7					T__				---		14720026	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	
2016/05/12	10:43:05.80	1.16	1.20	48.7917	20.0796	5.9	4.9	81	5.0A		10	6	65	0.41	1.28	m	ke	BUD	14720048	iLoc			127

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	14720048

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.41	138.8	Pg	10:43:13.266	-0.8					T__	2.8	0.2		___	MLv	1.8	14720050	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
				(Station ML	:	1.8	1																		
LANS	0.54	311.9	Pg	10:43:16.167	-0.3					T__	3.2	0.1		___	MLv	1.7	14720051	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.54	311.9	Lg	10:43:23.579	-0.9					T__				---		14720052	FDSN	SK	--	BUD	iLoc	EHE	???	_	
				(Station ML	:	1.7	1																		
NIE	0.65	13.6	Pg	10:43:18.151	0.2					T__	1.5	0.0		___	MLv	1.2	14720053	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.65	13.6	Lg	10:43:26.150	-1.3					T__				---		14720054	FDSN	PL	--	BUD	iLoc	BHE	???	_	
				(Station ML	:	1.2	1																		
VYHS	0.88	250.6	Lg	10:43:35.325	-0.8					T__				---		14720055	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.88	188.1	Pg	10:43:24.937	0.7					T__	1.3	0.0		___	MLv	1.6	14720056	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	188.1	Lg	10:43:35.754	-1.6					T__				---		14720057	FDSN	GE	--	BUD	iLoc	BHE	???	_	
				(Station ML	:	1.6	1																		
MASL	1.28	79.4	Pn	10:43:31.326	1.5					T__				---		14720058	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
MASL	1.28	79.4	Lg	10:43:48.823	-1.1					T__				---		14720059	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
2016/05/13	07:50:39.23	1.08	1.20	48.7007	18.6381	7.6	4.0	48	0.0A		15	9	165	0.15	1.29	m	ke BUD	14720077	iLoc			180

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	8 BUD	14720077

Sta	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	312.2	Pg	07:50:41.640	-0.8					T__	10.0	0.4		___	MLv	1.3	14720079	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A332A	0.15	312.2	Lg	07:50:44.302	-0.6					T__				___		14720080	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.3 1																									
VVHS	0.25	147.5	Pg	07:50:44.577	0.3					T__	15.5	0.0		___	MLv	0.5	14720081	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 0.5 0																									
A335A	0.32	218.4	Pg	07:50:44.617	-1.3					T__	10.9	0.3		___	MLv	1.6	14720082	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.32	218.4	Lg	07:50:49.624	-1.2					T__				___		14720083	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.6 1																									
A336A	0.53	152.7	Lg	07:50:56.150	-1.5					T__				___		14720084	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
JAVC	0.66	284.3	Pg	07:50:53.568	1.0					T__	1.1	0.1		___	MLv	1.9	14720085	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.66	284.3	Lg	07:51:02.464	0.0					T__				___		14720086	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 1																									
SRD	0.91	193.9	Pn	07:50:59.415	1.1					T__	1.7	0.6		___	MLv	2.8	14720087	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.8 1																									
MODS	0.96	250.6	Pn	07:51:01.347	2.1					T__	1.2	52.4		___	MLv	4.8	14720088	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_
MODS	0.96	250.6	Lg	07:51:12.025	-0.6					T__				___		14720089	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 4.8 0																									
PSZ	1.15	132.6	Pg	07:51:04.022	0.9					T__	1.2	0.1		___	MLv	1.9	14720090	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.15	132.6	Sn	07:51:18.099	-1.4					T__				___		14720091	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 1																									
MORC	1.29	326.7	Pn	07:51:02.953	-0.8					T__	1.9	0.1		___	MLv	2.1	14720092	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	1.29	326.7	Sn	07:51:23.477	0.6					T__				___		14720093	FDSN	CZ	--	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
2016/05/16	07:23:12.12	1.28	1.08	48.5256	19.3605	5.3	4.0	6	0.5F	7.6	16	12	67	0.35	1.73	m	ke BUD	14720127	iLoc			114

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.6	9 BUD	14720127

Sta	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	265.0	Pg	07:23:18.675	-0.6					T__	14.7	0.0		___	MLv	0.5	14720129	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.35	265.0	Lg	07:23:23.501	-1.0					T__				___		14720130	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Station ML : 0.5 0																									
A336A	0.38	219.6	Pg	07:23:20.493	0.7					T__	7.3	0.4		___	MLv	2.0	14720131	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.0 1																									
LANS	0.63	6.4	Pg	07:23:23.900	-0.6					T__		0.1		___		14720132	FDSN	IR	--	ISC	iLoc	???	???	_	
A335A	0.69	263.8	Pg	07:23:25.723	-0.1					T__	4.1	0.2		___	MLv	2.1	14720133	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.1 1																									
PSZ	0.70	149.4	Pg	07:23:26.601	-0.4					T__	3.2	0.1		___	MLv	1.6	14720134	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.70	149.4	Lg	07:23:36.568	-1.4					T__				___		14720135	FDSN	GE	--	BUD	iLoc	BHN	???	_	

(Station ML : 1.6 1	ET1H	0.73	152.0	Pg	07:23:28.668	1.3	T__	2.7	0.0	---	MLv	1.5	14720136	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.5 1	KECS	0.75	92.8	Pg	07:23:26.810	-0.1	T__	4.5	0.3	---	MLv	2.3	14720137	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.75	92.8	Lg	07:23:37.040	-1.1	T__	---	---	---	---	---	---	14720138	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.3 1	A331A	0.98	310.1	Pg	07:23:32.063	1.0	T__	2.5	0.4	---	MLv	2.6	14720139	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.6 1	NIE	1.09	34.7	Pg	07:23:33.814	1.2	T__	2.6	0.0	---	MLv	1.5	14720140	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.09	34.7	Lg	07:23:48.209	-0.2	T__	---	---	---	---	---	---	14720141	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1	JAVC	1.17	287.2	Lg	07:23:51.750	-0.1	T__	---	---	---	---	---	14720142	FDSN	CZ	--	BUD	iLoc	BHE	???	_
MODS	1.40	264.5	Pn	07:23:39.348	1.3	T__	1.9	26.2	---	MLv	4.7	14720143	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 4.7 0	MORC	1.73	317.1	Sn	07:24:04.923	-1.6	T__	---	---	---	---	---	14720144	FDSN	CZ	--	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
2016/05/16	09:17:29.89	1.21	0.82	48.7917	18.1317	5.0	4.2	13	4.6F	10.2	16	11	77	0.22	1.18	m	ke BUD	14720183	iLoc			112

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD	14720183

Sta	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	0.22	86.5	Pg	09:17:34.074	-0.4					T__	13.4	0.4	---	MLv	1.6	14720185	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A332A	0.22	86.5	Lg	09:17:39.046	1.2					T__	---	---	---	---	---	14720186	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Station ML : 1.6 1	JAVC	0.31	282.7	Pg	09:17:35.699	-0.7				T__	6.7	0.2	---	MLv	1.5	14720187	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.31	282.7	Lg	09:17:40.746	-0.5					T__	---	---	---	---	---	14720188	FDSN	CZ	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1	A331A	0.36	9.3	Pg	09:17:36.707	-0.4				T__	6.7	0.1	---	MLv	1.5	14720189	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.5 1	A335A	0.37	158.5	Lg	09:17:43.882	0.9				T__	---	---	---	---	---	14720190	FDSN	Z3	00	BUD	iLoc	HHE	???	_
VYHS	0.55	122.3	Pg	09:17:40.746	-0.3					T__	6.1	0.0	---	MLv	0.6	14720191	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.55	122.3	Lg	09:17:48.595	-0.7					T__	---	---	---	---	---	14720192	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 0.6 0	MODS	0.71	233.9	Pg	09:17:45.234	1.2				T__	2.5	34.1	---	MLv	4.4	14720193	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.71	233.9	Lg	09:17:53.863	-0.5					T__	---	---	---	---	---	14720194	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 4.4 0	ZST	0.91	229.3	Sn	09:18:02.185	-0.4				T__	---	---	---	---	---	14720195	FDSN	SK	--	BUD	iLoc	HHZ	???	_
OKC	1.05	0.6	Sn	09:18:05.941	-0.2					T__	---	---	---	---	---	14720196	FDSN	CZ	--	BUD	iLoc	BHE	???	_
MORC	1.06	338.9	Pg	09:17:50.232	0.4					T__	3.4	0.0	---	MLv	1.8	14720197	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	1.06	338.9	Lg	09:18:05.450	1.3					T__	---	---	---	---	---	14720198	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 1	VRAC	1.14	297.6	Lg	09:18:07.548	0.3				T__	---	---	---	---	---	14720199	FDSN	CZ	--	BUD	iLoc	BHN	???	_
KRUC	1.18	283.9	Sn	09:18:08.377	-0.6					T__	---	---	---	---	---	14720200	FDSN	CZ	--	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
2016/05/17	07:53:15.18	1.22	0.67	47.0606	18.0687	8.8	5.6	104	6.5F	12.4	9	6	131	0.20	0.97	m	ke BUD	14720380	iLoc			169

Magnitude Err Nsta Author OrigID  
ML 1.3 0.1 4 BUD 14720380

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.20	217.7	Lg	07:53:22.359	-0.7					T__						14720382	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
CSKK	0.33	23.3	Pg	07:53:21.288	-0.8					T__	3.6	1.1		---	MLv	2.3	14720383	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.33	23.3	Lg	07:53:27.821	0.6					T__				---		14720384	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 2.3 1																									
MPLH	0.38	287.1	Pg	07:53:23.142	0.2					T__	4.7	0.1		---	MLv	1.3	14720385	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.3 1																									
A268A	0.38	345.1	Lg	07:53:29.410	0.5					T__				---		14720386	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MORH	0.93	154.7	Pg	07:53:34.143	0.4					T__	1.3	0.0		---	MLv	1.2	14720387	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.93	154.7	Sn	07:53:47.708	-0.2					T__				---		14720388	FDSN	HU	--	BUD	iLoc	BHR	???	_	
(Station ML : 1.2 1																									
KOVH	0.97	178.7	Pn	07:53:34.450	0.3					T__	1.6	0.0		---	MLv	1.3	14720389	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.97	178.7	Sn	07:53:48.534	-0.6					T__				---		14720390	FDSN	HU	--	BUD	iLoc	BHT	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/05/17	08:28:08.57	1.72	1.53	47.5562	17.7778	12.2	6.3	135	5.0F	17.8	7	4	193	0.38	1.18	m	ke BUD	14720408	iLoc			276

Magnitude Err Nsta Author OrigID  
ML 2.0 1.0 4 BUD 14720408

Sta	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	0.38	120.3	Pg	08:28:17.747	1.4					T__	4.9	1.9		---	MLv	2.6	14720410	FDSN	HU	--	BUD	iLoc	SHE	SHZ	_
CSKK	0.38	120.3	Lg	08:28:22.313	0.1					T__				---		14720411	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 2.6 1																									
A269A	0.42	78.4	Pg	08:28:15.180	-1.9					T__	39.2	2.0		---	MLv	2.8	14720412	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.8 1																									
MPLH	0.42	202.8	Pg	08:28:16.979	-0.1					T__	5.7	0.1		---	MLv	1.4	14720413	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.42	202.8	Lg	08:28:23.061	-0.4					T__				---		14720414	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.4 1																									
VYHS	1.18	36.7	Pg	08:28:33.174	1.2					T__	2.9	0.0		---	MLv	0.7	14720415	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.18	36.7	Sn	08:28:47.380	-0.2					T__				---		14720416	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
2016/05/18	08:16:52.54	1.29	0.91	48.7248	20.5781	12.3	5.1	139	5.0A		9	6	131	0.25	1.14	m	ke BUD	14720470	iLoc			222

Magnitude Err Nsta Author OrigID  
ML 1.9 0.2 3 BUD 14720470

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.25	194.3	Pg	08:16:57.976	0.3					T__	8.2	0.6		---	MLv	1.8	14720472	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.25	194.3	Lg	08:17:01.969	0.3					T__				---		14720473	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.8 1																									
CRVS	0.61	72.8	Lg	08:17:12.649	-1.3					T__				---		14720474	FDSN	SK	--	BUD	iLoc	HHE	???	_	
LANS	0.85	300.6	Pn	08:17:10.669	0.3					T__	3.8	0.1		---	MLv	1.9	14720475	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

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(Station ML : 1.9 1
PSZ 0.93 209.7 Pn 08:17:11.404 -0.1 T__ 1.3 0.1 ___ MLv 2.1 14720476 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.93 209.7 Lg 08:17:25.016 -0.6 T__ ___ 14720477 FDSN GE -- BUD iLoc BHE ??? _
(Station ML : 2.1 1
MASL 0.98 72.4 Pn 08:17:13.498 1.2 T__ ___ 14720478 FDSN SK -- BUD iLoc EHZ ??? _
MASL 0.98 72.4 Lg 08:17:26.488 0.2 T__ ___ 14720479 FDSN SK -- BUD iLoc EHE ??? _
KOLS 1.14 78.8 Sn 08:17:31.347 -1.0 T__ ___ 14720480 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
2016/05/18 10:37:09.81 2.13 0.61 48.2220 21.1998 13.7 7.7 151 14.8F 18.2 8 6 105 0.54 1.76 m ke BUD 14720519 iLoc 204

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Magnitude Err Nsta Author OrigID
ML 2.1 0.2 5 BUD 14720519

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Sta 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 0.54 299.0 Pg 10:37:20.735 -0.1 T__ 4.3 0.2 ___ MLv 2.2 14720521 FDSN SK -- BUD iLoc EHE EHZ _
(Station ML : 2.2 1
CRVS 0.70 14.2 Pn 10:37:25.264 0.7 T__ 3.4 0.0 ___ MLv 1.3 14720522 FDSN SK -- BUD iLoc HHE HHZ _
CRVS 0.70 14.2 Lg 10:37:34.310 -0.3 T__ ___ 14720523 FDSN SK -- BUD iLoc HHE ??? _
(Station ML : 1.3 0
PSZ 0.93 251.3 Pg 10:37:28.779 -0.4 ___ 5.7 0.1 ___ MLv 2.1 14720524 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.93 251.3 Sn 10:37:41.848 0.0 T__ ___ 14720525 FDSN GE -- BUD iLoc BHE ??? _
(Station ML : 2.1 1
ET1H 0.96 249.4 Pg 10:37:30.484 0.9 ___ 3.3 0.1 ___ MLv 1.8 14720526 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.96 249.4 Sn 10:37:41.536 -0.6 T__ ___ 14720527 FDSN HU -- BUD iLoc HHE ??? _
(Station ML : 1.8 1
KOLS 1.01 44.6 Pn 10:37:29.452 0.4 T__ 9.2 21.8 ___ MLv 4.4 14720528 FDSN SK -- BUD iLoc HHZ HHZ _
KOLS 1.01 44.6 Sn 10:37:43.753 -0.6 T__ ___ 14720529 FDSN SK -- BUD iLoc HHE ??? _
(Station ML : 4.4 0
DRGR 1.76 143.8 Sn 10:38:02.159 -0.3 T__ ___ 14720530 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
2016/05/19 14:39:20.32 1.32 1.28 47.9657 19.4753 8.2 4.1 29 5.5F 9.6 18 11 126 0.28 1.53 m kx BUD 14720552 iLoc 134
2016/05/19 14:39:19.22f 1.21 47.8920 19.4049f 0.0S 18 143 0.31 1.51 a kx BUD_GT 14759297 BUD 150

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(locality : Bercel)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.7 0.5 6 BUD 14720552
ML 1.7 0.5 6 BUD 14759297

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ET1H 0.31 92.2 Pg 14:39:26.377 0.2 T__ 0.2 ___ MLv 14759631 FDSN HU -- BUD BUD HHZ HHZ _
ET1H 0.31 92.2 Lg 14:39:31.207 -0.3 T__ ___ 14759632 FDSN HU -- BUD BUD HHE ??? _
PSZ 0.33 85.2 Pg 14:39:25.498 -1.2 T__ 0.2 ___ MLv 14759633 FDSN GE -- BUD BUD BHZ BHZ _
PSZ 0.33 85.2 Lg 14:39:30.674 -1.7 T__ ___ 14759634 FDSN GE -- BUD BUD BHN ??? _
A336A 0.44 321.6 Pg 14:39:28.255 0.1 T__ 0.4 ___ MLv 14759635 FDSN Z3 00 BUD BUD HHZ HHZ _
VYHS 0.71 327.9 Pn 14:39:34.656 -0.9 T__ 0.0 ___ MLv 14759636 FDSN SK -- BUD BUD HHZ HHZ _

```

VYHS	0.71	327.9	Lg	14:39:44.278	0.0	T__									14759637	FDSN	SK	--	BUD	BUD	HHN	???	_
A335A	0.91	308.2	Pn	14:39:38.318	0.1	T__				0.2			MLv		14759639	FDSN	Z3	00	BUD	BUD	HHZ	HHZ	_
A335A	0.91	308.2	Lg	14:39:50.851	0.1	T__									14759640	FDSN	Z3	00	BUD	BUD	HHN	???	_
KECS	0.93	50.3	Pn	14:39:38.285	-0.4	T__				0.1			MLv		14759638	FDSN	SK	--	BUD	BUD	EHE	EHZ	_
CSKK	0.94	236.1	Sn	14:39:55.463	1.6	T__									14759641	FDSN	HU	--	BUD	BUD	SHN	???	_
A332A	1.11	325.9	Lg	14:39:56.722	-0.6	T__									14759642	FDSN	Z3	00	BUD	BUD	HHE	???	_
LANS	1.26	1.9	Pg	14:39:43.800	-0.1	T__				0.0					14759643	FDSN	IR	--	ISC	BUD	???	???	_
LANS	1.26	1.9	Sn	14:40:00.700	-1.6	T__				0.0					14759644	FDSN	IR	--	ISC	BUD	???	???	_
MPLH	1.46	240.9	Lg	14:40:10.042	0.8	T__									14759648	FDSN	HU	--	BUD	BUD	BHR	???	_
JAVC	1.51	310.6	Pg	14:39:49.400	0.3	T__									14759646	FDSN	IR	--	ISC	BUD	???	???	_
JAVC	1.51	310.6	Lg	14:40:07.400	-3.8	T__									14759647	FDSN	IR	--	ISC	BUD	???	???	_
JAVC	1.51	310.6	Sn	14:40:08.736	0.7	T__									14759645	FDSN	CZ	--	BUD	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
2016/05/19	14:41:21.02	3.27	1.04	47.8904	19.4264	21.1	4.5	17	0.4F	3.8	10	6	215	0.30	1.52	m	kx BUD	14720599	iLoc			223
2016/05/19	14:41:20.76f		9.74	47.8920	19.4049f				0.0S		5		254	0.18	1.93	a	kx BUD_GT	14759347	BUD			328

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.5	4 BUD	14720599
ML	1.1	0.5	4 BUD	14759347

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.18	287.2	Pg	14:41:27.047	-1.2					T__		0.1			MLv	14759653	FDSN	GE	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.18	287.2	Lg	14:41:32.743	1.0					T__						14759654	FDSN	GE	--	BUD	BUD	BHN	???	_
ET1H	0.19	274.4	Pg	14:41:27.875	-0.4					T__		0.1			MLv	14759651	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	14:41:33.105	1.4					T__						14759652	FDSN	HU	--	BUD	BUD	HHN	???	_
KECS	0.66	19.7	Lg	14:41:53.370	6.4					T__						14759659	FDSN	SK	--	BUD	BUD	EHT	???	_
VYHS	1.08	306.0	Pn	14:41:36.333	-9.0							0.0			MLv	14759655	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.08	306.0	Lg	14:41:44.336	-17.1											14759656	FDSN	SK	--	BUD	BUD	HHE	???	_
A335A	1.35	296.2	Pn	14:41:39.322	-9.7							0.0			MLv	14759657	FDSN	Z3	00	BUD	BUD	HHN	HHZ	_
A335A	1.35	296.2	Sn	14:41:52.069	-16.5											14759658	FDSN	Z3	00	BUD	BUD	HHN	???	_
JAVC	1.93	301.9	Sn	14:42:10.444	-12.8											14759660	FDSN	CZ	--	BUD	BUD	BHT	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/05/21	05:36:40.74	0.25	0.40	46.2701	21.6948	2.0	1.7	135	1.0A		12	155		0.02	1.49	a	ke BUC	14600354	ISC				360
2016/05/21	05:36:39.75	1.56	0.95	46.3039	21.6675	14.7	3.8	116	2.6F	7.9	23	6	227	0.04	1.52	m	ke BUD	14720628	iLoc				310

Magnitude	Err	Nsta	Author	OrigID
ml	2.0		BUC	14600354
ML	1.7	0.5	4 BUD	14720628

Sta	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	0.04	188.4	Pg	05:36:41.255	0.3					T__						14720630	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.04	188.4	Pg	05:36:41.255	0.3					T__		8.7				14720631	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.04	188.4	Lg	05:36:41.565	-0.4					T__		8.7				14720632	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.04	184.6	Pb	05:36:41.069	0.0					T__	210.0	8.0			MLv	2.3	14720633	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_

(Station ML : 2.3 1																				
BZS	0.69	181.6	Pg	05:36:53.624	0.4	T__	1.7	0.0	---	MLv	1.3	14720634	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.69	181.6	Lg	05:37:04.591	1.4	T__			---			14720635	FDSN	RO	--	BUD	iLoc	BHE	???	_
BZS	0.69	183.0	Sg	05:37:02.308	-0.9	T__			---			14720636	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.3 1																				
DRGR	0.87	55.5	Pg	05:36:57.952	0.8	T__			---			14720637	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.87	55.5	Lg	05:37:09.288	-1.9	T__			---			14720639	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.87	55.5	Pn	05:36:58.981	0.9	T__	1.4	0.0	---	MLv	1.5	14720640	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.87	55.5	Sg	05:37:09.554	-1.6	T__			---			14720641	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Station ML : 1.5 1																				
GZR	1.20	139.2	Pn	05:37:02.857	0.5	T__			---			14720642	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.20	139.2	Pn	05:37:02.857	0.5	T__		0.1	---			14720643	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.20	139.2	Pg	05:37:03.098	0.4	T__	4.4	0.1	---	MLv	1.9	14720644	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.20	139.2	Sn	05:37:19.457	-0.7	T__		0.1	---			14720645	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.20	139.2	Lg	05:37:20.733	1.0	T__			---			14720646	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 1																				
HERR	1.52	159.5	Pg	05:37:08.930	0.3	T__			---			14720647	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.52	159.5	Sn	05:37:28.609	0.5	T__			---			14720649	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.52	178.8	Pg	05:37:09.279	-0.2	T__			---			14720650	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.52	178.8	Lg	05:37:29.551	-1.7	T__			---			14720652	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
2016/05/23	10:48:39.94	1.51	1.32	48.7989	20.1059	8.6	5.1	100	0.0A		8	4	176	0.55	0.90	m	ke BUD	14720843	iLoc			239

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	14720843

Sta	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	0.55	310.2	Pg	10:48:50.764	0.0				T__	6.0	0.1	---	MLv	1.6	14720845	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
LANS	0.55	310.2	Lg	10:48:58.023	-0.8				T__			---			14720846	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 1.6 1																								
NIE	0.64	12.3	Pg	10:48:52.633	0.7				T__	2.2	0.0	---	MLv	1.2	14720847	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
NIE	0.64	12.3	Lg	10:49:00.616	-0.5				T__			---			14720848	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.2 1																								
PSZ	0.89	189.2	Pg	10:48:59.360	0.7				T__	2.6	0.0	---	MLv	1.6	14720849	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.89	189.2	Lg	10:49:10.894	-1.6				T__			---			14720850	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																								
VYHS	0.90	250.6	Pg	10:48:59.515	1.7				T__	4.0	0.0	---	MLv	0.6	14720851	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.90	250.6	Lg	10:49:09.796	-1.2				T__			---			14720852	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	
2016/05/23	13:49:00.80	1.29	0.62	46.0531	22.8181	7.0	4.6	68	0.8F	11.3	14	9	69	0.18	2.26	m	ke BUD	14721019	iLoc				113

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	7 BUD	14721019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
DEV	0.18	161.4	Pg	13:49:03.986	-0.2				T__	35.9	1.6	---	MLv	2.0	14721021	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	

DEV	0.18	161.4	Lg	13:49:07.394	0.7	T__								14721022	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																							
GZR	0.66	182.5	Pg	13:49:13.307	-0.3	T__	9.5	0.1	---	MLv	2.0	14721023	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_			
GZR	0.66	182.5	Lg	13:49:23.644	0.6	T__			---			14721024	FDSN	RO	--	BUD	iLoc	BHN	???	_			
(Station ML : 2.0 1																							
DRGR	0.74	354.3	Pg	13:49:15.905	0.2	T__	5.7	0.1	---	MLv	2.0	14721025	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_			
DRGR	0.74	354.3	Lg	13:49:27.234	-0.5	T__			---			14721026	FDSN	RO	--	BUD	iLoc	BHN	???	_			
(Station ML : 2.0 1																							
SIRR	0.83	285.2	Pn	13:49:18.030	-0.6	T__	6.1	0.1	---	MLv	2.1	14721027	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_			
(Station ML : 2.1 1																							
CJR	0.85	39.0	Lg	13:49:30.834	-0.1	T__			---			14721028	FDSN	RO	--	BUD	iLoc	BHE	???	_			
LOT	0.90	132.0	Pg	13:49:18.188	0.0	T__	9.5	0.1	---	MLv	2.2	14721029	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_			
LOT	0.90	132.0	Lg	13:49:30.524	-0.8	T__			---			14721030	FDSN	RO	--	BUD	iLoc	BHN	???	_			
(Station ML : 2.2 1																							
BZS	0.93	242.6	Pg	13:49:19.331	0.3	T__	4.0	0.0	---	MLv	1.7	14721031	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_			
(Station ML : 1.7 0																							
ARCR	1.48	45.2	Sn	13:49:50.405	1.0	T__			---			14721032	FDSN	RO	--	BUD	iLoc	BHE	???	_			
MLR	2.26	103.3	Pn	13:49:40.112	0.4	T__	2.0	0.0	---	MLv	2.3	14721033	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_			
MLR	2.26	103.3	Sn	13:50:09.516	-0.7	T__			---			14721034	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
2016/05/24	05:44:31.66	1.94	0.69	47.3087	17.6676	23.2	5.0	138	0.0S		6	3	202	0.16	0.41	m	kx BUD	14721064	iLoc			332

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.7	3 BUD	14721064

Sta	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	212.3	Pg	05:44:35.490	-0.1					T__	7.0	0.2		---	MLv	1.0	14721066	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.16	212.3	Lg	05:44:38.648	0.0					T__				---		14721067	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.0 1																									
A268A	0.21	54.8	Pg	05:44:36.382	-0.1					T__	12.3	0.4		---	MLv	1.5	14721068	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.21	54.8	Lg	05:44:40.546	0.2					T__				---		14721069	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.5 1																									
CSKK	0.41	82.1	Pg	05:44:39.580	-0.7					T__	3.1	0.8		---	MLv	2.3	14721070	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.41	82.1	Lg	05:44:47.759	0.9					T__				---		14721071	FDSN	HU	--	BUD	iLoc	SHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/05/24	08:06:56.22	1.14	0.60	48.5499	20.7671	25.9	4.2	149	5.0A		9	5	161	0.20	1.07	m	ke BUD	14721085	iLoc			189

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.8	4 BUD	14721085

Sta	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	250.5	Pg	08:06:59.810	-0.6					T__	32.5	1.5		---	MLv	2.0	14721087	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.20	250.5	Lg	08:07:04.016	0.4					T__				---		14721088	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Station ML : 2.0 1																										
CRVS	0.58	52.3	Pg	08:07:06.586	-0.6					T__	1.7	0.0		---	MLv	0.9	14721089	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 0.9 1																										



PSZ	0.86	223.0	Pn	08:07:14.849	0.6	T__	1.8	0.0	---	MLv	1.6	14721090	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	223.0	Lg	08:07:26.760	-0.5	T__			---			14721091	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.6 1																				
MASL	0.94	59.9	Pn	08:07:15.602	0.2	T__			---			14721092	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	0.94	59.9	Lg	08:07:28.547	0.1	T__			---			14721093	FDSN	SK	--	BUD	iLoc	EHN	???	_
KOLS	1.07	68.4	Pn	08:07:18.198	0.8	T__	2.5	5.2	---	MLv	3.8	14721094	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.07	68.4	Lg	08:07:33.341	-0.1	T__			---			14721095	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
2016/05/24	09:22:16.69	1.39	0.22	48.3285	19.8576	6.2	5.7	27	0.0A		7	4	107	0.41	0.86	m	ke BUD	14721113	iLoc			214

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.7	3 BUD	14721113

Sta	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	176.5	Pg	09:22:25.752	0.0				T__		3.7	0.1		---	MLv	1.5	14721115	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.41	176.5	Lg	09:22:32.405	-0.1				T__					---		14721116	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.5 1																									
KECS	0.45	69.5	Pg	09:22:25.831	0.1				T__		5.6	0.2		---	MLv	1.9	14721117	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.45	69.5	Lg	09:22:32.596	0.0				T__					---		14721118	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.9 1																									
VYHS	0.70	284.1	Pg	09:22:30.936	0.1				T__		3.2	0.0		---	MLv	0.5	14721119	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.70	284.1	Lg	09:22:41.212	0.0				T__					---		14721120	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.5 1																									
LANS	0.86	342.7	Lg	09:22:45.916	-0.4				T__					---		14721121	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	
2016/05/24	09:40:27.46	1.34	1.13	48.6838	18.5917	8.6	4.4	36	1.5F	11.5	12	7	147	0.25	1.73	m	ke BUD	14721135	iLoc				156

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	14721135

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.25	139.4	Pg	09:40:32.906	0.3				T__		26.7	0.0		---	MLv	0.5	14721137	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.25	139.4	Lg	09:40:36.425	-0.0				T__					---		14721138	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.5 1																									
JAVC	0.63	286.4	Pg	09:40:40.302	0.1				T__					---		14721139	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	0.63	286.4	Lg	09:40:47.710	-1.7				T__					---		14721140	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
LANS	0.74	50.7	Pn	09:40:44.939	0.8				T__		5.1	0.1		---	MLv	1.8	14721141	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.74	50.7	Lg	09:40:51.418	-1.6				T__					---		14721142	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.8 1																									
PSZ	1.16	130.9	Pn	09:40:49.846	-0.2				T__		1.6	0.0		---	MLv	1.7	14721143	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.16	130.9	Sn	09:41:07.654	0.1				T__					---		14721144	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
MORC	1.29	328.2	Pn	09:40:51.757	0.0				T__					---		14721145	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
MORC	1.29	328.2	Lg	09:41:10.927	1.8				T__					---		14721146	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
VRAC	1.46	296.2	Lg	09:41:14.570	-0.9				T__					---		14721147	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
OJC	1.73	26.7	Sn	09:41:22.882	0.1				T__					---		14721148	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
2016/05/25	08:50:57.97	1.24	0.77	45.5169	17.7330	15.0	5.1	122	5.0A		11	8	166	0.83	2.31	m	ke BUD	14721162	iLoc			239

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.2	8 BUD	14721162

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BLY	0.83	208.3	Pg	08:51:14.395	0.3					T__	1.4	0.1		___	MLv	1.9	14721164	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	0.83	208.3	Lg	08:51:25.691	-0.4					T__				___			14721165	FDSN	MN	--	BUD	iLoc	BHZ	???	_
(Station ML : 1.9 0																									
A265A	0.91	2.7	Pn	08:51:17.389	0.9					T__	3.1	0.5		___	MLv	2.7	14721166	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.7 1																									
MORH	0.95	42.0	Pg	08:51:15.953	-0.8					T__	2.6	0.1		___	MLv	2.2	14721167	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.95	42.0	Lg	08:51:30.430	-0.2					T__				___			14721168	FDSN	HU	--	BUD	iLoc	BHZ	???	_
(Station ML : 2.2 1																									
A266A	1.07	20.0	Pg	08:51:19.965	0.6					T__	1.3	0.3		___	MLv	2.6	14721169	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.6 1																									
BEHE	1.16	325.4	Pn	08:51:21.147	0.8					T__	1.9	0.2		___	MLv	2.5	14721170	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	1.16	325.4	Sn	08:51:36.597	-1.0					T__				___			14721171	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.5 1																									
CRES	1.63	281.8	Pn	08:51:27.039	0.4					T__	0.9	0.3		___	MLv	2.9	14721172	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.9 0																									
MPLH	1.66	355.4	Pn	08:51:27.753	0.8					T__	1.6	0.1		___	MLv	2.3	14721173	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.3 1																									
ARSA	2.31	319.4	Pn	08:51:35.641	-0.4					T__	2.1	0.1		___	MLv	2.7	14721174	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/05/25	09:00:21.51	1.33	1.12	48.5672	19.3000	7.1	3.8	12	6.0F	10.2	17	10	138	0.32	7.68	m	ke BUD	14721208	iLoc			193

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	7 BUD	14721208

Sta	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	256.8	Pg	09:00:28.643	0.6					T__	15.2	0.0		___	MLv	0.4	14721210	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.32	256.8	Lg	09:00:32.912	-0.0					T__				___			14721211	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 0.4 0																									
A336A	0.39	211.1	Pg	09:00:28.978	-0.5					T__	11.0	0.5		___	MLv	2.0	14721212	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.39	211.1	Lg	09:00:35.428	0.1					T__				___			14721213	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Station ML : 2.0 1																									
A335A	0.65	259.7	Pg	09:00:34.587	0.0					T__	3.8	0.1		___	MLv	2.0	14721214	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.65	259.7	Lg	09:00:43.830	-0.3					T__				___			14721215	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 2.0 1																									
PSZ	0.76	148.3	Pn	09:00:36.862	-1.1					T__	2.3	0.0		___	MLv	1.6	14721216	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.76	148.3	Lg	09:00:47.175	-1.8					T__				___			14721217	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.6 1																									
KECS	0.79	95.6	Pg	09:00:37.126	-0.0					T__	3.1	0.2		___	MLv	2.3	14721218	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.79	95.6	Lg	09:00:47.972	-1.0					T__				___			14721219	FDSN	SK	--	BUD	iLoc	EHE	???	_

(Station ML : 2.3 1																				
MODS	1.36 262.5 Pn	09:00:46.732	0.5	T__	1.5	34.8	---	MLv	4.8	14721220	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_		
MODS	1.36 262.5 Sn	09:01:05.312	0.1	T__			---			14721221	FDSN	SK	--	BUD	iLoc	HHE	???	_		
(Station ML : 4.8 0																				
MORC	1.67 317.0 Pg	09:00:52.728	-0.3	T__	2.7	0.0	---	MLv	2.1	14721222	FDSN	CZ	--	BUD	iLoc	BHE	BHZ	_		
MORC	1.67 317.0 Lg	09:01:15.320	-0.5	T__			---			14721223	FDSN	CZ	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.1 1																				
ISR	6.05 122.1 Pg	09:02:21.336	3.0	T__			---			14721224	FDSN	IR	--	ISC	iLoc	???	???	_		
ISR	6.05 122.1 Sn	09:02:47.763	-15.6	---			---			14721225	FDSN	IR	--	ISC	iLoc	???	???	_		
CFR	6.94 115.9 Pg	09:02:24.194	-10.8	---			---			14721226	FDSN	IR	--	ISC	iLoc	???	???	_		
CFR	6.94 115.9 Sn	09:02:54.523	-30.0	---			---			14721227	FDSN	IR	--	ISC	iLoc	???	???	_		
RAZG	7.08 132.3 Pn	09:01:56.805	-10.1	---			---			14721228	FDSN	IR	--	ISC	iLoc	???	???	_		
RAZG	7.08 132.3 x	09:02:05.262	-99.0	---			---			14721229	FDSN	IR	--	ISC	iLoc	???	???	_		
TPGR	7.28 117.2 Pn	09:02:22.786	12.9	---			---			14721230	FDSN	IR	--	ISC	iLoc	???	???	_		
TPGR	7.28 117.2 Sn	09:02:50.816	-42.5	---			---			14721231	FDSN	IR	--	ISC	iLoc	???	???	_		
ICOR	7.38 124.0 Pn	09:02:10.444	-0.6	T__			---			14721232	FDSN	IR	--	ISC	iLoc	???	???	_		
ICOR	7.38 124.0 x	09:02:29.168	-99.0	---			---			14721233	FDSN	IR	--	ISC	iLoc	???	???	_		
TIRR	7.51 119.8 Pn	09:02:17.591	4.8	---			---			14721234	FDSN	IR	--	ISC	iLoc	???	???	_		
TIRR	7.51 119.8 Sn	09:02:43.167	-55.4	---			---			14721235	FDSN	IR	--	ISC	iLoc	???	???	_		
MFTR	7.68 121.4 Pn	09:02:15.327	0.1	T__			---			14721236	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
2016/05/26	08:33:24.04	1.16	0.80	48.5219	19.3594	5.5	3.8	17	9.1F	9.4	19	11	83	0.35	5.03	m	ke BUD	14721266	iLoc			139

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	14721266

Sta	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	265.6	Pg	08:33:30.898	-0.4					T__	14.7	0.0	---	MLv	0.6	14721268	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	265.6	Lg	08:33:35.645	-1.1					T__			---			14721269	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 0.6 0																								
A336A	0.38	219.9	Pg	08:33:31.895	0.1					T__	14.5	0.3	---	MLv	1.9	14721270	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.38	219.9	Lg	08:33:38.576	1.1					T__			---			14721271	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Station ML : 1.9 1																								
LANS	0.63	6.5	Pg	08:33:36.500	-0.1					T__		0.1	---			14721272	FDSN	IR	--	ISC	iLoc	???	???	_
A332A	0.66	295.8	Lg	08:33:45.588	-1.0					T__			---			14721273	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A335A	0.69	264.1	Pg	08:33:37.319	-0.5					T__	5.4	0.1	---	MLv	2.1	14721274	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.69	264.1	Lg	08:33:47.904	0.2					T__			---			14721275	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 2.1 1																								
PSZ	0.70	149.2	Pg	08:33:38.976	0.1					T__	3.5	0.1	---	MLv	1.8	14721276	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.70	149.2	Lg	08:33:48.946	-0.4					T__			---			14721277	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 1																								
ET1H	0.73	151.8	Lg	08:33:50.153	0.3					T__			---			14721278	FDSN	HU	--	BUD	iLoc	HHE	???	_
KECS	0.75	92.5	Pg	08:33:39.251	0.3					T__	5.0	0.3	---	MLv	2.3	14721279	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.75	92.5	Lg	08:33:49.391	-0.6					T__			---			14721280	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.3 0																								
JAVC	1.17	287.4	Pg	08:33:48.515	1.4					T__	1.9	0.0	---	MLv	1.8	14721281	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	1.17	287.4	Lg	08:34:04.166	0.7					T__			---			14721282	FDSN	CZ	--	BUD	iLoc	BHN	???	_
JAVC	1.17	287.4	Pb	08:33:48.100	1.0					T__			---			14721283	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.17	287.4	Sg	08:34:02.900	-0.6					T__			---			14721284	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.8 1																								

OJC	1.72	9.4	Sn	08:34:17.012	-0.7	T__	---	14721285	FDSN	PL	--	BUD	iLoc	BHE	???	_
NVLJ	5.03	219.7	Pg	08:34:59.840	-1.0	T__	---	14721286	FDSN	IR	--	ISC	iLoc	???	???	_
NVLJ	5.03	219.7	Sn	08:35:05.970	-30.5	---	---	14721287	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
2016/05/26	09:52:25.77	1.25	0.71	48.5483	20.7736	10.0	5.5	145	0.0A	10	8	163	0.20	1.79	m	ke	BUD	14721314	iLoc		191	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	7 BUD	14721314

Sta	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	251.3	Pg	09:52:29.533	-0.5				T__		22.0	1.0		---	MLv	1.8	14721316	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	251.3	Lg	09:52:33.460	0.2				T__					---		14721317	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 1.8 1																									
CRVS	0.58	51.9	Pg	09:52:36.557	-0.3				T__		1.7	0.0		---	MLv	0.8	14721318	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 0.8 1																									
PSZ	0.86	223.3	Pg	09:52:43.963	0.0				T__		2.1	0.0		---	MLv	1.5	14721319	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	223.3	Lg	09:52:56.903	-0.4				T__					---		14721320	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.5 1																									
NIE	0.92	341.0	Pn	09:52:46.149	0.8				T__		1.8	0.0		---	MLv	1.2	14721321	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.2 1																									
MASL	0.93	59.7	Pn	09:52:45.452	-0.1				T__					---		14721322	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
LANS	1.05	305.4	Pg	09:52:45.352	-1.0				T__		1.8	0.0		---	MLv	1.7	14721323	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 1.7 1																									
VVHS	1.29	268.3	Pn	09:52:50.619	0.3				T__		2.9	0.0		---	MLv	0.7	14721324	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 0.7 0																									
OJC	1.79	339.5	Pn	09:52:58.798	1.0				T__		2.0	0.0		---	MLv	2.0	14721325	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/05/26	10:16:33.81	1.65	1.50	47.6337	18.1075	10.4	5.4	131	5.0A	7	4	171	0.19	0.42	m	ke	BUD	14721700	iLoc		236	

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	
A269A	0.19	88.4	Pg	10:16:38.411	0.6				T__		42.7	1.9		---	MLv	2.1	14721702	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A269A	0.19	88.4	Lg	10:16:39.910	-1.0				T__					---		14721703	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A268A	0.24	211.6	Pg	10:16:39.771	0.9				T__					---		14721704	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
A268A	0.24	211.6	Lg	10:16:40.995	-1.7				T__					---		14721705	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CSKK	0.29	158.9	Pg	10:16:41.256	1.4				T__		6.5	1.8		---	MLv	2.4	14721706	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.29	158.9	Lg	10:16:43.236	-1.2				T__					---		14721707	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
A338A	0.42	23.3	Lg	10:16:47.692	-0.8				T__					---		14721708	FDSN	Z3	00	BUD	iLoc	HH2	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/05/27	08:08:48.05	1.36	0.43	47.0709	18.0780	6.5	5.0	100	1.6F	19.9	10	5	132	0.21	0.98	m	ke	BUD	14721742	iLoc		229	

Magnitude	Err	Nsta	Author	OrigID
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ML 1.5 0.2 5 BUD 14721742

Sta	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	217.4	Pg	08:08:52.276	-0.3					T__	4.9	1.0		---	MLv	1.9	14721744	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
TIH	0.21	217.4	Lg	08:08:56.579	0.5					T__				---		14721745	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 1.9 1																										
A267A	0.30	114.1	Pg	08:09:00.962	6.7					---				---		14721746	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
CSKK	0.32	23.0	Pg	08:08:54.335	-0.3					T__	10.8	2.3		---	MLv	2.5	14721747	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
CSKK	0.32	23.0	Lg	08:08:59.913	0.3					T__				---		14721748	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.5 0																										
MPLH	0.38	285.3	Pg	08:08:56.008	0.2					T__	3.8	0.1		---	MLv	1.3	14721749	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.38	285.3	Lg	08:09:01.220	-0.4					T__				---		14721750	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.3 0																										
MORH	0.94	155.3	Pg	08:09:07.002	0.3					T__	2.1	0.0		---	MLv	1.4	14721751	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	0.94	155.3	Lg	08:09:20.240	-0.4					T__				---		14721752	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.4 1																										
KOVH	0.98	179.1	Pn	08:09:07.908	0.1					T__	2.3	0.0		---	MLv	1.5	14721753	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	0.98	179.1	Lg	08:09:21.921	-0.3					T__				---		14721754	FDSN	HU	--	BUD	iLoc	BHT	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/05/27	21:55:12.57	1.38	1.20	47.3306	18.3073	8.8	5.3	109	1.1F	8.9	12	10	107	0.05	1.25	m	ke BUD	14721776	iLoc			151

Magnitude Err Nsta Author OrigID  
ML 1.4 0.1 4 BUD 14721776

Sta	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	315.8	Pg	21:55:14.023	0.2					T__	75.9	7.6		---	MLv	2.3	14721778	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
(Station ML : 2.3 1																										
A268A	0.28	291.3	Lg	21:55:21.325	-1.4					T__				---		14721779	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
A269A	0.31	9.4	Lg	21:55:23.459	-0.3					T__				---		14721780	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
TIH	0.52	213.8	Lg	21:55:31.981	1.2					T__				---		14721781	FDSN	HU	--	BUD	iLoc	SHN	???	_		
MPLH	0.55	253.2	Lg	21:55:31.705	-0.0					T__				---		14721782	FDSN	HU	--	BUD	iLoc	BHE	???	_		
EGYH	0.67	277.7	Lg	21:55:36.413	0.6					T__				---		14721783	FDSN	HU	--	BUD	iLoc	SHN	???	_		
MORH	1.14	168.1	Pn	21:55:34.150	-0.2					T__	1.4	0.0		---	MLv	1.3	14721784	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	1.14	168.1	Sn	21:55:49.120	-2.3					T__				---		14721785	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.3 1																										
VVHS	1.22	16.8	Sn	21:55:52.985	-0.3					T__				---		14721786	FDSN	SK	--	BUD	iLoc	HHE	???	_		
PSZ	1.22	60.7	Pn	21:55:36.900	1.0					T__	1.5	0.0		---	MLv	1.4	14721787	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 1.4 1																										
KOVH	1.25	186.6	Pn	21:55:37.100	1.0					T__	1.2	0.0		---	MLv	1.4	14721788	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	1.25	186.6	Sn	21:55:53.979	-0.5					T__				---		14721789	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
2016/05/30	08:48:42.40	1.35	1.42	47.9539	20.0034	10.7	4.8	139	4.7F	10.0	12	8	184	0.08	1.36	m	kx BUD	14722092	iLoc			198
2016/05/30	08:48:41.29f	1.35	47.8987	20.0893f					0.0S	12	205			0.13	1.36	a	kx BUD_GT	14759351	BUD			223

(locality : Recsk)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	5 BUD	14722092
ML	1.9	0.2	5 BUD	14759351

Sta	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	08:48:43.895	-0.8					T__		2.1			MLv	14759663	FDSN	GE	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.13	278.6	Lg	08:48:46.674	-0.9					T__						14759664	FDSN	GE	--	BUD	BUD	BHZ	???	_
ET1H	0.15	262.5	Pg	08:48:45.932	1.1					T__		0.6			MLv	14759665	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.15	262.5	Lg	08:48:48.991	1.3					T__						14759666	FDSN	HU	--	BUD	BUD	HHN	???	_
KECS	0.64	24.2	Pg	08:48:53.931	-0.2					T__		0.1			MLv	14759667	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.64	24.2	Lg	08:49:04.153	0.2					T__						14759668	FDSN	SK	--	BUD	BUD	EHE	???	_
A336A	0.80	295.0	Pg	08:48:57.476	-0.1					T__		0.2			MLv	14759669	FDSN	Z3	00	BUD	BUD	HH2	HHZ	_
VVHS	1.03	305.9	Pg	08:49:01.880	-0.0					T__		0.0			MLv	14759670	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VVHS	1.03	305.9	Lg	08:49:14.063	-3.0					T__						14759671	FDSN	SK	--	BUD	BUD	HHE	???	_
LANS	1.32	342.0	Lg	08:49:26.600	-0.5					T__						14759672	FDSN	IR	--	ISC	BUD	???	???	_
CSKK	1.35	247.2	Pn	08:49:06.085	-0.4					T__						14759673	FDSN	HU	--	BUD	BUD	HHZ	???	_
CRVS	1.36	41.8	Lg	08:49:31.540	2.8					T__						14759674	FDSN	SK	--	BUD	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
2016/05/31	07:16:00.86	1.13	1.21	48.4124	19.1252	4.5	3.5	34	8.3F	6.8	27	13	71	0.20	1.72	m	ke BUD	14722127	iLoc			121

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	9 BUD	14722127

Sta	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	0.20	205.2	Pg	07:16:05.090	-0.1					T__	138.8	4.5			MLv	2.5 14722129	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A336A	0.20	205.2	Lg	07:16:07.942	-0.5					T__						14722130	FDSN	Z3	00	BUD	iLoc	HH3	???	_		
(Station ML : 2.5 1																										
VVHS	0.21	293.1	Pg	07:16:04.829	-0.6					T__	155.4	0.2			MLv	1.1 14722131	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VVHS	0.21	293.1	Lg	07:16:09.801	0.9					T__						14722132	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 1.1 0																										
A335A	0.53	274.1	Pg	07:16:11.032	-0.5					T__	12.7	0.3			MLv	2.2 14722133	FDSN	Z3	00	BUD	iLoc	HHE	HHZ	_		
A335A	0.53	274.1	Lg	07:16:18.394	-0.9					T__						14722134	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 2.2 1																										
A332A	0.59	312.1	Pg	07:16:12.181	-0.4					T__	8.5	0.2			MLv	2.0 14722135	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A332A	0.59	312.1	Lg	07:16:20.008	-1.2					T__						14722136	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 2.0 1																										
PSZ	0.71	133.5	Pg	07:16:13.761	-2.2					T__	3.8	0.1			MLv	1.7 14722137	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_		
PSZ	0.71	133.5	Lg	07:16:25.806	-0.8					T__						14722138	FDSN	GE	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.7 1																										
LANS	0.77	16.9	Pg	07:16:16.300	0.2					T__		0.1				14722139	FDSN	IR	--	ISC	iLoc	???	???	_		
LANS	0.77	16.9	Lg	07:16:27.800	0.5					T__		0.1				14722140	FDSN	IR	--	ISC	iLoc	???	???	_		
KECS	0.91	85.0	Pg	07:16:19.020	0.2					T__	3.1	0.1			MLv	2.1 14722141	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_		
KECS	0.91	85.0	Lg	07:16:31.333	-0.8					T__						14722142	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Station ML : 2.1 1																										
JAVC	1.06	295.4	Pn	07:16:21.586	0.4					T__	1.7	0.1			MLv	1.8 14722143	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_		
JAVC	1.06	295.4	Sn	07:16:38.056	1.1					T__						14722144	FDSN	CZ	--	BUD	iLoc	BHE	???	_		
JAVC	1.06	295.4	Pg	07:16:21.400	-0.5					T__						14722145	FDSN	IR	--	ISC	iLoc	???	???	_		
JAVC	1.06	295.4	Lg	07:16:34.400	-2.6					T__						14722146	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.8 1																										
CSKK	1.20	209.3	Pn	07:16:23.994	1.1					T__	10.0	0.1			MLv	2.3 14722147	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_		

CSKK	1.20	209.3	Sn	07:16:40.962	1.0	T__	---	14722148	FDSN	HU	--	BUD	iLoc	SHE	???	_				
(Station ML : 2.3 1																				
MODS	1.23	268.9	Pg	07:16:25.176	-0.1	T__	3.1	34.2	---	MLv	4.7	14722149	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	1.23	268.9	Sn	07:16:41.661	0.8	T__	---	14722150	FDSN	SK	--	BUD	iLoc	HHN	???	_				
(Station ML : 4.7 0																				
ZST	1.37	261.6	Sn	07:16:44.712	0.8	T__	---	14722151	FDSN	SK	--	BUD	iLoc	HHN	???	_				
MPLH	1.64	221.3	Sn	07:16:52.107	1.5	T__	---	14722152	FDSN	HU	--	BUD	iLoc	BHN	???	_				
MORC	1.72	323.3	Sn	07:16:53.675	0.5	T__	---	14722153	FDSN	CZ	--	BUD	iLoc	BHN	???	_				
MORC	1.72	323.3	Pg	07:16:32.300	-0.8	T__	---	14722154	FDSN	IR	--	ISC	iLoc	???	???	_				
MORC	1.72	323.3	Lg	07:16:53.400	-2.8	T__	---	14722155	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
2016/05/31	07:59:25.90	2.56	1.27	48.7229	20.5474	31.3	5.5	136	5.0A	7	4	223	0.24	1.00	m	ke	BUD	14722195	iLoc		242	

Magnitude	Err	Nsta	Author	OrigID
M	1.7	2	BUD	14722195

Sta	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	0.24	189.7	Pg	07:59:30.836	-0.1	T__			T__	16.0	0.7	---	---	MLv	1.8	14722197	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.24	189.7	Lg	07:59:35.089	0.3	T__			T__			---	---			14722198	FDSN	SK	--	BUD	iLoc	EHE	???	_
CRVS	0.63	73.1	Lg	07:59:45.863	-2.2	T__			T__			---	---			14722199	FDSN	SK	--	BUD	iLoc	HHE	???	_
PSZ	0.92	208.7	Pn	07:59:44.721	0.0	T__	3.1	0.0	---	MLv	1.5	14722200	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_				
PSZ	0.92	208.7	Lg	07:59:58.073	-0.5	T__			---			---	---			14722201	FDSN	GE	--	BUD	iLoc	BHE	???	_
MASL	1.00	72.6	Pn	07:59:46.735	0.8	T__			---			---	---			14722202	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	1.00	72.6	Lg	08:00:01.230	0.9	T__			---			---	---			14722203	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
2016/05/31	09:28:52.63	1.33	0.47	48.6522	19.9112	9.6	5.6	63	5.0A	7	4	143	0.42	0.73	m	ke	BUD	14722206	iLoc		215	

Magnitude	Err	Nsta	Author	OrigID	
ML	1.4	0.2	4	BUD	14722206

Sta	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	0.42	113.7	Pg	09:29:01.089	0.1	T__			T__	2.7	0.2	---	---	MLv	1.7	14722208	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_		
(Station ML : 1.7 1																										
LANS	0.58	329.8	Pg	09:29:04.261	0.2	T__			T__	3.4	0.0	---	---	MLv	1.5	14722209	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		
LANS	0.58	329.8	Lg	09:29:12.016	-0.6	T__			T__			---	---			14722210	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Station ML : 1.5 1																										
VYHS	0.73	257.9	Pn	09:29:08.893	0.3	T__			T__	4.6	0.0	---	---	MLv	0.6	14722211	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VYHS	0.73	257.9	Lg	09:29:17.679	-0.4	T__			T__			---	---			14722212	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 0.6 1																										
PSZ	0.73	180.9	Pg	09:29:08.213	0.1	T__			T__	1.8	0.0	---	---	MLv	1.4	14722213	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_		
PSZ	0.73	180.9	Lg	09:29:19.046	-0.5	T__			T__			---	---			14722214	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	
2016/05/31	10:30:28.65	1.20	1.36	48.8026	19.8018	6.0	4.6	63	6.6F	14.7	12	7	68	0.41	1.46	m	ke	BUD	14722232	iLoc		119	

Magnitude Err Nsta Author OrigID  
ML 1.7 0.0 5 BUD 14722232

Sta	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	327.8	Pg	10:30:36.173	-0.7					T__	12.8	0.2		---	MLv	1.7	14722234	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.41	327.8	Lg	10:30:41.330	-1.8					T__				---		14722235	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.7 1																									
KECS	0.55	124.9	Pg	10:30:40.074	0.4					T__	2.1	0.2		---	MLv	2.0	14722236	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.55	124.9	Lg	10:30:47.340	-0.8					T__				---		14722237	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.0 0																									
NIE	0.70	27.8	Lg	10:30:52.590	0.6					T__				---		14722238	FDSN	IR	--	ISC	iLoc	???	???	_	
NIE	0.70	28.4	Pg	10:30:41.782	-0.1					T__	4.3	0.0		---	MLv	1.4	14722239	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.70	28.4	Sg	10:30:52.702	0.6					T__				---		14722240	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.4 1																									
VYHS	0.71	244.6	Pg	10:30:45.175	2.2					T__	8.8	0.0		---	MLv	0.9	14722241	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 0.9 0																									
PSZ	0.89	176.0	Pg	10:30:46.419	-0.8					T__	3.2	0.1		---	MLv	1.7	14722242	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.89	176.0	Lg	10:30:58.630	-1.6					T__				---		14722243	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
JAVC	1.41	273.1	Sn	10:31:14.144	0.1					T__				---		14722244	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
MASL	1.46	80.9	Pg	10:30:57.002	1.3					T__				---		14722245	FDSN	SK	--	BUD	iLoc	EHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/05/31	10:33:09.93	1.67	0.43	48.6336	20.3417	17.1	5.6	53	0.0A		5	3	195	0.18	0.78	m	ke BUD	14722267	iLoc			304

Magnitude Err Nsta Author OrigID  
ML 1.5 0.1 3 BUD 14722267

Sta	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	147.5	Pg	10:33:13.675	-0.0					T__	5.8	0.5		---	MLv	1.5	14722269	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.18	147.5	Lg	10:33:16.661	0.0					T__				---		14722270	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.5 1																									
LANS	0.77	312.2	Pg	10:33:25.457	0.3					T__	2.7	0.0		---	MLv	1.5	14722271	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.77	312.2	Lg	10:33:36.046	-0.5					T__				---		14722272	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.5 1																									
PSZ	0.78	202.8	Pg	10:33:26.431	0.1					T__	2.5	0.0		---	MLv	1.4	14722273	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/05/31	10:35:43.97	3.95	0.27	48.6636	20.4227	27.1	19.4	170	10.0A		5	3	321	0.19	0.87	m	ke BUD	14722287	iLoc			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	
KECS	0.19	167.0	Pg	10:35:48.280	0.1					T__	2.7	0.2		---	MLv	1.1	14722289	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	167.0	Lg	10:35:51.266	-0.1					T__				---		14722290	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	0.83	205.5	Pn	10:36:00.760	-0.1					T__	2.1	0.0		---	MLv	1.4	14722291	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.83	205.5	Lg	10:36:13.224	-0.1					T__				---		14722292	FDSN	GE	--	BUD	iLoc	BHE	???	_	



ET1H 0.87 205.3 Sn 10:36:15.255 0.3 T\_\_ --- 14722293 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  
 2016/06/01 07:48:42.76 1.26 0.81 48.5344 19.3659 4.4 4.1 8 1.6F 10.9 19 12 84 0.39 1.73 m ke BUD 14722296 iLoc 140

Magnitude Err Nsta Author OrigID  
 ML 2.1 0.1 6 BUD 14722296

Sta	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	0.39	219.2	Pg	07:48:50.713	0.1				T__		22.2	0.6		---	MLv	2.1	14722298	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.39	219.2	Lg	07:48:56.370	-0.0				T__					---		14722299	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Station ML : 2.1 1																									
LANS	0.62	6.2	Pg	07:48:55.000	0.0				T__			0.1		---		14722300	FDSN	IR	--	ISC	iLoc	???	???	_	
LANS	0.62	6.2	Lg	07:49:03.800	-0.3				T__			0.1		---		14722301	FDSN	IR	--	ISC	iLoc	???	???	_	
A332A	0.66	294.7	Lg	07:49:04.225	-1.1				T__					---		14722302	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A335A	0.69	263.1	Pg	07:48:56.237	-0.3				T__		5.7	0.1		---	MLv	2.0	14722303	FDSN	Z3	00	BUD	iLoc	HHE	HHZ	_
A335A	0.69	263.1	Lg	07:49:05.622	-1.0				T__					---		14722304	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 2.0 1																									
PSZ	0.71	150.0	Pg	07:48:57.766	0.0				T__		5.6	0.1		---	MLv	1.7	14722305	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.71	150.0	Lg	07:49:07.941	-0.8				T__					---		14722306	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 0																									
KECS	0.75	93.5	Pg	07:48:57.800	0.3				T__		6.2	0.3		---	MLv	2.3	14722307	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.75	93.5	Lg	07:49:08.137	-0.5				T__					---		14722308	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.3 1																									
A338A	0.85	232.9	Sn	07:49:15.141	0.5				T__					---		14722309	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
A331A	0.98	309.6	Pg	07:49:02.694	1.0				T__		4.0	0.1		---	MLv	2.0	14722310	FDSN	Z3	00	BUD	iLoc	HHE	HHZ	_
A331A	0.98	309.6	Sn	07:49:17.604	-0.3				T__					---		14722311	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 2.0 1																									
JAVC	1.17	286.8	Lg	07:49:22.243	-0.3				T__					---		14722312	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
MODS	1.40	264.2	Pn	07:49:09.797	1.2				T__		1.9	19.9		---	MLv	4.6	14722313	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	1.40	264.2	Sn	07:49:26.900	-1.5				T__					---		14722314	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 4.6 0																									
OJC	1.71	9.3	Sn	07:49:36.785	-0.9				T__					---		14722315	FDSN	PL	--	BUD	iLoc	BHN	???	_	
MORC	1.73	316.8	Sn	07:49:36.015	-0.9				T__					---		14722316	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  
 2016/06/01 09:36:58.97 1.56 0.64 48.0982 20.6306 9.0 5.0 137 5.0A 8 7 145 0.40 1.38 m ke BUD 14722344 iLoc 198

Magnitude Err Nsta Author OrigID  
 MLv 1.7 0.0 1 BUD 14722344

Sta	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	345.9	Lg	09:37:13.183	0.2				T__					---		14722346	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	0.53	250.3	Pg	09:37:10.268	0.1				T__		8.0	0.1		---	MLv	1.8	14722347	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.53	250.3	Lg	09:37:17.557	-1.0				T__					---		14722348	FDSN	GE	--	BUD	iLoc	BHN	???	_	
BSZH	0.84	197.2	Lg	09:37:29.845	0.4				T__					---		14722349	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CRVS	0.98	34.2	Lg	09:37:32.282	-0.6				T__					---		14722350	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.26	289.0	Lg	09:37:42.877	0.6				T__					---		14722351	FDSN	SK	--	BUD	iLoc	HHN	???	_	

MASL	1.29	44.3	Lg	09:37:43.019	-0.2	T__	---	14722352	FDSN	SK	--	BUD	iLoc	EHE	???	_
KOLS	1.38	52.0	Lg	09:37:46.938	0.3	T__	---	14722353	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
2016/06/02	08:04:47.54	3.27	0.16	46.0527	18.0979	31.4	10.9	15	0.0A	4	2	295	0.04	0.41	m	kx	BUD	14722355	iLoc			360
2016/06/02	08:04:46.88f		0.21	46.1204	18.0243f				0.0S	4		315	0.06	0.44	a	kx	BUD_GT	14759301	BUD			360

(locality : Bükkösd I.)  
(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
KOVH	0.06	121.4	Pg	08:04:49.002	0.2					T__		0.5		---	MLv	14759685	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.06	121.4	Lg	08:04:50.158	-0.3					T__				---		14759686	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.44	77.3	Pg	08:04:56.254	0.1					T__		0.0		---	MLv	14759687	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.44	77.3	Lg	08:05:03.160	-0.2					T__				---		14759688	FDSN	HU	--	BUD	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
2016/06/02	10:46:10.93	5.31	1.19	48.2258	19.8666	52.3	5.7	55	0.0S	6	3	244	0.31	0.74	m	kx	BUD	14722363	iLoc			357
2016/06/02	10:46:11.19f		1.32	47.8920	19.4049f				0.0S	6		235	0.31	0.71	a	kx	BUD_GT	14759299	BUD			353

(locality : Bercel)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.3	3 BUD	14722363
ML	0.8	0.3	3 BUD	14759299

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ET1H	0.31	92.2	Pg	10:46:19.323	1.2					T__		0.0		---	MLv	14759679	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.31	92.2	Lg	10:46:24.994	1.5					T__				---		14759680	FDSN	HU	--	BUD	BUD	HHN	???	_
PSZ	0.33	85.2	Pg	10:46:17.066	-1.6					T__		0.1		---	MLv	14759677	FDSN	GE	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.33	85.2	Lg	10:46:22.647	-1.7					T__				---		14759678	FDSN	GE	--	BUD	BUD	BHN	???	_
VYHS	0.71	327.9	Pg	10:46:26.512	0.9					T__		0.0		---	MLv	14759681	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.71	327.9	Lg	10:46:35.487	-0.7					T__				---		14759682	FDSN	SK	--	BUD	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
2016/06/03	07:42:15.88	1.71	0.43	47.3213	17.6223	9.9	7.3	125	0.0S	4	3	138	0.16	0.23	m	kx	BUD	14722474	iLoc			264

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	14722474

Sta	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	200.5	Pg	07:42:19.931	0.2					T__	10.0	0.2		---	MLv	1.0	14722476	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.16	200.5	Lg	07:42:22.398	-0.3					T__				---		14722477	FDSN	HU	--	BUD	iLoc	BHZ	???	_	

(Station ML : 1.0 1)

EGYH	0.22	295.8	Pg	07:42:21.002	0.1					T__	4.0	0.3		---	MLv	1.3	14722478	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
------	------	-------	----	--------------	-----	--	--	--	--	-----	-----	-----	--	-----	-----	-----	----------	------	----	----	-----	------	-----	-----	---

(Station ML : 1.3 1  
 A268A 0.23 61.7 Pg 07:42:21.192 0.1 T\_\_ 5.9 0.3 \_\_\_ MLv 1.4 14722479 FDSN Z3 00 BUD iLoc HHN HHZ \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2016/06/03 08:06:06.61 1.43 0.85 48.6945 20.6137 12.0 4.4 139 5.4F 18.0 10 6 129 0.23 2.29 m ke BUD 14722493 iLoc 217

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 3 BUD 14722493

Sta	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	202.0	Pg	08:06:11.323	-0.0					T__	12.0	0.6		___	MLv	1.7	14722495	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.23	202.0	Lg	08:06:15.233	0.2					T__				---		14722496	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
				(Station ML : 1.7 1																					
CRVS	0.60	69.3	Pg	08:06:18.248	0.3					T__	2.0	0.0		___	MLv	0.8	14722497	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.60	69.3	Lg	08:06:26.170	-1.5					T__				---		14722498	FDSN	SK	--	BUD	iLoc	HHE	???	_	
				(Station ML : 0.8 1																					
PSZ	0.91	212.0	Pn	08:06:25.441	0.1					T__	1.9	0.0		___	MLv	1.6	14722499	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.91	212.0	Lg	08:06:38.664	-0.6					T__				---		14722500	FDSN	GE	--	BUD	iLoc	BHE	???	_	
				(Station ML : 1.6 1																					
MASL	0.97	70.3	Pg	08:06:25.629	1.0					T__				---		14722501	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
MASL	0.97	70.3	Lg	08:06:39.677	-0.3					T__				---		14722502	FDSN	SK	--	BUD	iLoc	EHE	???	_	
KOLS	1.12	77.1	Lg	08:06:44.949	-0.7					T__				---		14722503	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORC	2.29	299.4	Pg	08:06:49.500	0.2					T__				---		14722504	FDSN	IR	--	ISC	iLoc	???	???	_	
MORC	2.29	299.4	Sn	08:07:04.500	-10.1					---				---		14722505	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  
 2016/06/03 10:27:53.20 1.20 0.57 47.1131 17.9810 6.2 5.0 88 0.0S 10 6 115 0.22 1.03 m kx BUD 14722570 iLoc 208

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.3 6 BUD 14722570

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.22	196.7	Pg	10:27:58.384	0.2					T__	4.6	0.9		___	MLv	1.9	14722572	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.22	196.7	Lg	10:28:02.507	0.4					T__				---		14722573	FDSN	HU	--	BUD	iLoc	SHN	???	_	
				(Station ML : 1.9 1																					
MPLH	0.31	280.9	Pg	10:27:59.942	0.1					T__	5.9	0.1		___	MLv	1.3	14722574	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.31	280.9	Lg	10:28:04.163	-0.8					T__				---		14722575	FDSN	HU	--	BUD	iLoc	BHN	???	_	
				(Station ML : 1.3 0																					
CSKK	0.31	37.2	Pg	10:28:00.072	0.0					T__	5.0	1.2		___	MLv	2.3	14722576	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.31	37.2	Lg	10:28:05.169	-0.2					T__				---		14722577	FDSN	HU	--	BUD	iLoc	SHN	???	_	
				(Station ML : 2.3 0																					
EGYH	0.54	304.7	Pg	10:28:04.973	0.5					T__	1.9	0.1		___	MLv	1.9	14722578	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
				(Station ML : 1.9 1																					
MORH	1.01	152.8	Pg	10:28:13.575	0.2					T__	1.7	0.0		___	MLv	1.4	14722579	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
				(Station ML : 1.4 1																					
KOVH	1.03	175.4	Pn	10:28:14.142	0.1					T__	1.8	0.0		___	MLv	1.6	14722580	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.03	175.4	Lg	10:28:28.586	-1.0					T__				---		14722581	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
2016/06/04	09:31:39.04	3.22	0.06	46.0803	18.3324	67.8	5.5	166	0.0A		4	2	215	0.16	0.26	m	kx BUD	14722607	iLoc			360
2016/06/04	09:31:39.18f		0.09	46.1765	18.2926f				0.0S		4		204	0.16	0.25	a	kx BUD_GT	14759303	BUD			360

(locality : Komló II.)  
(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
KOVH	0.16	236.7	Pg	09:31:42.909	-0.1					T__		0.1		---	MLv	14759691	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	09:31:46.104	-0.0					T__				---		14759692	FDSN	HU	--	BUD	BUD	BHZ	???	_
MORH	0.25	80.7	Pg	09:31:44.742	0.1					T__		0.1		---	MLv	14759693	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	09:31:49.167	0.1					T__				---		14759694	FDSN	HU	--	BUD	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
2016/06/04	11:17:58.60	0.26		45.9900	17.0700	0.0	0.0		7.3F	2.1	29			0.52	2.80	a	ke RHSSO	14601634	ISC			360
2016/06/04	11:17:57.58	0.79	0.84	46.2025	17.0017	5.6	2.8	114	4.0F	0.0	23		13	1.44	2.49	a	ke VIE	14601630	ISC			360
2016/06/04	11:17:57.38	0.89	1.26	45.9990	17.0450	2.5	2.1	74	11.3F	6.1	108	52	24	0.23	3.80	m	ke BUD	14722615	iLoc			40

Magnitude	Err	Nsta	Author	OrigID
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ML	2.0		RHSSO	14601634
mb	1.7		VIE	14601630
m1	1.9		VIE	14601630
ML	2.7	0.1	20 BUD	14722615

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A264A	0.23	46.5	Pg	11:18:02.530	-0.2					T__	36.5	3.2		---	MLv	2.5	14722617	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.23	46.5	Lg	11:18:06.452	-0.3					T__				---		14722618	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 2.5 1																									
KALN	0.43	288.1	Pg	11:18:06.230	-0.3					T__				---		14722619	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.43	288.1	Lg	11:18:11.990	-1.4					T__				---		14722620	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.44	207.9	Pg	11:18:05.900	-0.6					T__				---		14722621	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.44	207.9	Lg	11:18:11.370	-1.9					T__				---		14722622	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.51	338.4	Lg	11:18:16.500	0.9					T__				---		14722623	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.51	338.5	Pg	11:18:08.343	0.5					T__	15.5	0.9		---	MLv	2.7	14722624	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.51	338.5	Sg	11:18:19.301	3.7					T__				---		14722625	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.7 1																									
A273A	0.54	98.5	Pg	11:18:09.630	1.1					T__	9.4	0.8		---	MLv	2.7	14722626	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_
A273A	0.54	98.5	Lg	11:18:15.446	-1.1					T__				---		14722627	FDSN	Z3	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.7 1																									
A263A	0.67	16.1	Pg	11:18:10.983	0.0					T__	17.3	1.4		---	MLv	3.0	14722628	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.67	16.1	Lg	11:18:21.735	1.1					T__				---		14722629	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Station ML : 3.0 1																									
A265A	0.67	50.5	Pg	11:18:10.408	-0.6					T__	18.8	2.3		---	MLv	3.2	14722630	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.67	50.5	Pb	11:18:11.693	0.7					T__				---		14722631	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Station ML : 3.2 0																									
KOGS	0.71	309.4	Pg	11:18:12.569	1.0					T__	21.7	2.3		---	MLv	3.3	14722632	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.71	309.4	Lg	11:18:23.724	2.0					T__				---		14722633	FDSN	SL	--	BUD	iLoc	BHE	???	_	

(Station ML : 3.3 0																				
KOVH	0.74	82.7	Pg	11:18:11.019	-1.4	T__	38.7	0.6	---	MLv	2.7	14722634	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.74	82.7	Lg	11:18:23.138	0.1	T__			---			14722635	FDSN	HU	--	BUD	iLoc	BHZ	???	_
(Station ML : 2.7 1																				
A252A	0.80	134.8	Pg	11:18:12.520	-1.0	T__			---			14722636	FDSN	IR	--	ISC	iLoc	???	???	_
A252A	0.80	134.8	Lg	11:18:22.920	-1.7	T__			---			14722637	FDSN	IR	--	ISC	iLoc	???	???	_
A262A	0.94	337.7	Lg	11:18:29.613	0.6	T__			---			14722638	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A052A	0.96	159.7	Pg	11:18:14.800	-1.6	T__			---			14722639	FDSN	IR	--	ISC	iLoc	???	???	_
A052A	0.96	159.7	Lg	11:18:28.900	-0.4	T__			---			14722640	FDSN	IR	--	ISC	iLoc	???	???	_
A261A	0.96	4.3	Pn	11:18:16.088	0.2	T__	7.2	0.4	---	MLv	2.6	14722641	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.96	4.3	Lg	11:18:29.546	-0.3	T__			---			14722642	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 2.6 1																				
A051A	0.99	185.7	Pg	11:18:16.000	-1.0	T__			---			14722643	FDSN	IR	--	ISC	iLoc	???	???	_
A051A	0.99	185.7	Lg	11:18:30.400	-0.4	T__			---			14722644	FDSN	IR	--	ISC	iLoc	???	???	_
A266A	1.00	57.7	Pn	11:18:17.137	0.8	T__	10.5	1.2	---	MLv	3.1	14722645	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.1 0																				
A251A	1.03	212.4	Pg	11:18:16.780	-0.3	T__			---			14722646	FDSN	IR	--	ISC	iLoc	???	???	_
A251A	1.03	212.4	Lg	11:18:30.740	-0.7	T__			---			14722647	FDSN	IR	--	ISC	iLoc	???	???	_
TIH	1.07	32.6	Pn	11:18:17.886	0.4	T__	3.6	0.6	---	MLv	2.9	14722648	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.9 1																				
CRES	1.12	261.7	Pn	11:18:18.135	-0.2	T__	9.5	0.4	---	MLv	2.8	14722649	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.12	261.7	Lg	11:18:35.334	0.6	T__			---			14722650	FDSN	SL	--	BUD	iLoc	BHN	???	_
CRES	1.12	261.7	Pg	11:18:19.100	-0.1	T__			---			14722651	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	1.12	261.7	Sg	11:18:34.900	0.2	T__			---			14722652	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.8 1																				
MORH	1.13	78.4	Pn	11:18:19.000	0.8	T__			---			14722653	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.13	78.4	Sn	11:18:34.200	-0.2	T__			---			14722654	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.13	78.4	Pg	11:18:17.509	-2.2	T__	9.0	0.3	---	MLv	2.6	14722655	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.13	78.4	Lg	11:18:33.107	-2.6	T__			---			14722656	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.6 1																				
BLY	1.21	175.4	Pg	11:18:22.210	1.1	T__	6.3	0.1	---	MLv	2.2	14722657	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.21	175.4	Lg	11:18:39.114	1.8	T__			---			14722658	FDSN	MN	--	BUD	iLoc	BHN	???	_
(Station ML : 2.2 1																				
MPLH	1.22	16.1	Pn	11:18:19.700	0.1	T__		0.1	---			14722659	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	1.22	16.1	Pg	11:18:20.855	-0.6	T__	4.7	0.1	---	MLv	2.1	14722660	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 0																				
BLY	1.25	175.5	Pn	11:18:20.600	0.4	T__			---			14722661	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.25	175.5	Pb	11:18:21.400	-0.4	T__		0.1	---			14722662	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.25	175.5	Sn	11:18:38.200	0.6	T__			---			14722663	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.2 1																				
SOKA	1.55	296.7	Pn	11:18:24.407	0.2	T__		0.3	0.12	---		14722664	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.55	296.7	Sn	11:18:45.622	0.9	T__		1.4	0.18	---		14722665	FDSN	IR	--	ISC	iLoc	???	???	_
A050A	1.56	193.6	Pn	11:18:26.900	2.0	T__			---			14722666	FDSN	IR	--	ISC	iLoc	???	???	_
A050A	1.56	193.6	Sn	11:18:47.600	1.7	T__			---			14722667	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.58	179.0	Pn	11:18:26.300	1.4	T__			---			14722668	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.58	179.0	Sn	11:18:48.200	2.3	T__			---			14722669	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.63	320.6	Sn	11:18:45.599	-0.9	T__			---			14722670	FDSN	OE	--	BUD	iLoc	BHE	???	_
ARSA	1.63	320.6	Pn	11:18:25.855	0.6	T__		0.4	0.15	---		14722671	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.63	320.6	Pg	11:18:26.600	-2.3	T__		0.0	---			14722672	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.63	320.6	Pb	11:18:27.400	-1.5	T__			---			14722673	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.63	320.6	Lg	11:18:49.700	-1.1	T__			---			14722674	FDSN	IR	--	ISC	iLoc	???	???	_
A250A	1.76	239.4	Pn	11:18:28.410	0.9	T__			---			14722675	FDSN	IR	--	ISC	iLoc	???	???	_
A250A	1.76	239.4	Sn	11:18:51.630	1.4	T__			---			14722676	FDSN	IR	--	ISC	iLoc	???	???	_

RONA	1.78	343.5	Pn	11:18:27.989	0.6	T__	0.9	0.12	---	14722677	FDSN	IR	--	ISC	iLoc	???	???	_		
RONA	1.78	343.5	Sn	11:18:49.079	-1.5	T__	0.8	0.12	---	14722678	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.81	287.3	Pn	11:18:28.774	1.0	T__	0.3	0.15	---	14722679	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.81	287.3	Pg	11:18:30.300	-1.4	T__			---	14722680	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.81	287.3	Sn	11:18:54.100	2.9	T__			---	14722681	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.81	287.3	Pb	11:18:30.465	-1.3	T__	1.6	0.0	---	MLv	1.9	14722682	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.81	287.3	Lg	11:18:52.523	-3.4	T__			---	14722683	FDSN	OE	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.9 0																				
CEY	1.85	262.8	Pn	11:18:30.100	1.7	T__			---	14722684	FDSN	IR	--	ISC	iLoc	???	???	_		
CEY	1.85	262.8	Sn	11:18:54.400	2.0	T__			---	14722685	FDSN	IR	--	ISC	iLoc	???	???	_		
SRKY	1.93	177.4	Pn	11:18:31.300	1.1	T__			---	14722686	FDSN	IR	--	ISC	iLoc	???	???	_		
SRKY	1.93	177.4	Sn	11:18:56.900	1.9	T__			---	14722687	FDSN	IR	--	ISC	iLoc	???	???	_		
KIJV	2.05	193.1	Pn	11:18:31.380	-0.4	T__			---	14722688	FDSN	IR	--	ISC	iLoc	???	???	_		
KIJV	2.05	193.1	Sn	11:18:57.300	-0.4	T__			---	14722689	FDSN	IR	--	ISC	iLoc	???	???	_		
CONA	2.09	337.7	Pn	11:18:32.515	0.6	T__	2.1	0.0	---	MLv	2.2	14722690	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	2.09	337.7	Pg	11:18:33.443	-4.7	---		0.1	0.06	---	14722691	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	2.09	337.7	Sn	11:18:57.408	-1.1	T__		1.8	0.32	---	14722692	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.2 0																				
FRGS	2.12	112.4	Pn	11:18:34.400	2.4	T__			---	14722693	FDSN	IR	--	ISC	iLoc	???	???	_		
FRGS	2.12	112.4	Sn	11:19:00.400	1.8	T__			---	14722694	FDSN	IR	--	ISC	iLoc	???	???	_		
SKDS	2.17	259.0	Pn	11:18:35.800	2.8	T__			---	14722695	FDSN	IR	--	ISC	iLoc	???	???	_		
SKDS	2.17	259.0	Sn	11:19:01.400	1.1	T__			---	14722696	FDSN	IR	--	ISC	iLoc	???	???	_		
VIRC	2.21	220.3	Pn	11:18:34.420	0.4	T__			---	14722697	FDSN	IR	--	ISC	iLoc	???	???	_		
VIRC	2.21	220.3	Sn	11:19:01.820	0.4	T__			---	14722698	FDSN	IR	--	ISC	iLoc	???	???	_		
SMRN	2.25	245.7	Pn	11:18:34.560	0.3	T__			---	14722699	FDSN	IR	--	ISC	iLoc	???	???	_		
SMRN	2.25	245.7	Sn	11:19:02.250	0.1	T__			---	14722700	FDSN	IR	--	ISC	iLoc	???	???	_		
MORI	2.33	204.5	Pn	11:18:36.570	0.5	T__			---	14722701	FDSN	IR	--	ISC	iLoc	???	???	_		
MORI	2.33	204.5	Sn	11:19:04.860	-0.1	T__			---	14722702	FDSN	IR	--	ISC	iLoc	???	???	_		
MODS	2.38	3.7	Pn	11:18:35.604	-0.3	T__	1.4	21.5	---	MLv	5.2	14722703	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 5.2 0																				
DUGI	2.45	215.8	Pn	11:18:37.810	0.1	T__			---	14722704	FDSN	IR	--	ISC	iLoc	???	???	_		
DUGI	2.45	215.8	Sn	11:19:07.540	-0.4	T__			---	14722705	FDSN	IR	--	ISC	iLoc	???	???	_		
RICI	2.51	178.5	Pn	11:18:38.580	0.1	T__			---	14722706	FDSN	IR	--	ISC	iLoc	???	???	_		
RICI	2.51	178.5	Sn	11:19:10.060	0.8	T__			---	14722707	FDSN	IR	--	ISC	iLoc	???	???	_		
ZIRJ	2.55	203.5	Pn	11:18:39.180	0.0	T__			---	14722708	FDSN	IR	--	ISC	iLoc	???	???	_		
ZIRJ	2.55	203.5	Sn	11:19:10.110	-0.2	T__			---	14722709	FDSN	IR	--	ISC	iLoc	???	???	_		
BRJN	2.56	245.9	Pn	11:18:38.440	-0.4	T__			---	14722710	FDSN	IR	--	ISC	iLoc	???	???	_		
BRJN	2.56	245.9	Sn	11:19:09.900	-0.6	T__			---	14722711	FDSN	IR	--	ISC	iLoc	???	???	_		
MOA	2.66	315.2	Pn	11:18:41.057	1.5	T__		1.3	0.15	---	14722712	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	2.66	315.2	Sn	11:19:11.095	-0.9	T__		0.6	0.15	---	14722713	FDSN	IR	--	ISC	iLoc	???	???	_	
MAKA	2.71	180.4	Pn	11:18:41.070	-0.3	T__			---	14722714	FDSN	IR	--	ISC	iLoc	???	???	_		
MAKA	2.71	180.4	Sn	11:19:14.070	-0.3	T__			---	14722715	FDSN	IR	--	ISC	iLoc	???	???	_		
VYHS	2.78	25.4	Pn	11:18:41.057	-0.3	T__	3.5	0.0	---	MLv	1.6	14722716	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.6 0																				
DIVS	2.82	131.3	Sn	11:19:17.400	1.5	T__			---	14722717	FDSN	IR	--	ISC	iLoc	???	???	_		
HVAR	2.85	188.8	Pn	11:18:42.220	-1.4	T__			---	14722718	FDSN	IR	--	ISC	iLoc	???	???	_		
HVAR	2.85	188.8	Sn	11:19:18.010	-0.2	T__			---	14722719	FDSN	IR	--	ISC	iLoc	???	???	_		
KRUC	3.10	352.1	Sn	11:19:20.300	-2.0	T__			---	14722720	FDSN	IR	--	ISC	iLoc	???	???	_		
KRUC	3.10	352.1	Pn	11:18:45.675	0.0	T__	1.5	0.0	---	MLv	2.6	14722721	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.6 1																				
LSTV	3.23	182.0	Pn	11:18:48.350	-0.8	T__			---	14722722	FDSN	IR	--	ISC	iLoc	???	???	_		
LSTV	3.23	182.0	Sn	11:19:26.170	-2.1	T__			---	14722723	FDSN	IR	--	ISC	iLoc	???	???	_		
VRAC	3.33	354.9	Pn	11:18:49.001	0.1	T__	1.0	0.0	---	MLv	2.8	14722724	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_

(Station ML : 2.8 1  
 MORC 3.80 4.9 Pn 11:18:55.817 0.3 T\_\_ 1.8 0.0 \_\_\_ MLv 14722725 FDSN CZ -- BUD iLoc BHZ BHZ \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/06/05	00:17:49.10		0.50	45.9210	16.0760				1.6A							a	ke LJU	14601805	ISC			360
2016/06/05	00:17:50.50	0.24		45.8800	15.9910	0.0	0.0		5.6F	3.9	19			0.37	1.87	a	ke RHSSO	14601802	ISC			360
2016/06/05	00:17:48.84	0.56	0.68	45.9235	16.0632	4.4	2.7	99	14.0F	0.0	13		13	1.20	1.38	a	ke VIE	14601798	ISC			360
2016/06/05	00:17:48.93	0.73	0.83	45.9110	16.0633	2.6	2.2	159	8.3F	0.3	88	41	44	0.07	2.28	m	ke BUD	14722821	iLoc			64

Magnitude	Err	Nsta	Author	OrigID
ML	1.2		LJU	14601805
ML	1.3		RHSSO	14601802
mb	1.4		VIE	14601798
ml	1.4		VIE	14601798
ML	1.7	0.2	8 BUD	14722821

Sta	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	266.8	Pg	00:17:50.820	-0.2					T__	80.0	1.9			MLv 1.8	14722823	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
PTJ	0.07	266.8	Lg	00:17:52.185	-0.6					T__						14722824	FDSN	CR	--	BUD	iLoc	BHE	???	_	
PTJ	0.07	266.6	Sg	00:17:51.910	-1.5					T__						14722825	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.8 1																									
ZAG	0.10	212.4	Pg	00:17:51.980	0.4					T__						14722826	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.10	212.4	Lg	00:17:53.550	-0.0					T__						14722827	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.10	212.4	Pb	00:17:52.123	0.6					T__	16.4	1.2			MLv 1.6	14722828	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 1.6 1																									
LOBO	0.24	0.9	Pg	00:17:54.050	-0.1					T__						14722829	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	0.24	0.9	Lg	00:17:57.030	-1.2					T__						14722830	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.31	262.0	Pg	00:17:55.400	0.2					T__						14722831	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.31	262.0	Lg	00:17:59.750	-0.3					T__						14722832	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.31	262.0	x	00:18:01.070	-99.0					---		11.6	0.08			14722833	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.32	288.2	Pg	00:17:55.900	0.4					T__						14722834	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.32	288.2	x	00:18:01.340	-99.0					---		6.3	0.14			14722835	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.35	51.0	Pg	00:17:55.500	-0.9					T__						14722836	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.35	51.0	Lg	00:18:00.750	-1.4					T__						14722837	FDSN	IR	--	ISC	iLoc	???	???	_	
CESS	0.42	278.7	Pg	00:17:58.050	0.7					T__						14722838	FDSN	IR	--	ISC	iLoc	???	???	_	
CESS	0.42	278.7	Lg	00:18:03.190	-0.7					T__						14722839	FDSN	IR	--	ISC	iLoc	???	???	_	
CESS	0.42	278.7	x	00:18:05.810	-99.0					---		46.8	0.31			14722840	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.43	258.9	Pg	00:17:57.569	0.1					T__	5.3	0.2			MLv 1.9	14722841	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	0.43	258.9	Lg	00:18:03.669	-0.6					T__						14722842	FDSN	SL	--	BUD	iLoc	BHE	???	_	
CRES	0.43	258.9	Pb	00:17:57.400	-0.1					T__						14722843	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.43	258.9	Sg	00:18:03.400	-0.9					T__						14722844	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.43	258.9	Sb	00:18:03.810	-0.5					T__						14722845	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.43	258.9	x	00:18:05.850	-99.0					---		6.3	0.08			14722846	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.9 1																									
DOBS	0.48	300.2	Pg	00:17:58.510	0.2					T__						14722847	FDSN	IR	--	ISC	iLoc	???	???	_	
DOBS	0.48	300.2	Lg	00:18:04.880	-0.7					T__						14722848	FDSN	IR	--	ISC	iLoc	???	???	_	
DOBS	0.48	300.2	x	00:18:06.170	-99.0					---		5.0	0.08			14722849	FDSN	IR	--	ISC	iLoc	???	???	_	
OZLJ	0.51	234.9	Pg	00:17:59.160	0.3					T__						14722850	FDSN	IR	--	ISC	iLoc	???	???	_	
OZLJ	0.51	234.9	Lg	00:18:05.980	-0.6					T__						14722851	FDSN	IR	--	ISC	iLoc	???	???	_	
LEGS	0.52	274.4	Pg	00:17:59.690	0.5					T__						14722852	FDSN	IR	--	ISC	iLoc	???	???	_	
LEGS	0.52	274.4	Lg	00:18:07.130	-0.0					T__						14722853	FDSN	IR	--	ISC	iLoc	???	???	_	

KOGS	0.55	13.5	x	00:18:12.190	-99.0	---	6.2	0.06	---	14722854	FDSN	IR	--	ISC	iLoc	???	???	_		
KOGS	0.55	13.5	Pg	00:18:00.023	0.0	T_	2.8	0.3	---	MLv	2.2	14722855	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.55	13.5	Lg	00:18:07.397	-0.8	T_			---			14722856	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Station ML : 2.2 0																				
MOSL	0.57	121.3	Pg	00:18:00.200	-0.3	T_			---			14722857	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.57	121.3	Lg	00:18:08.010	-1.1	T_			---			14722858	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.70	234.7	Pg	00:18:02.700	0.2	T_			---			14722859	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.70	234.7	x	00:18:16.390	-99.0	---		3.5	0.15	---		14722860	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.75	41.2	Pn	00:18:05.300	0.1	T_			---			14722861	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.75	41.2	Pg	00:18:05.401	1.4	T_	3.1	0.1	---	MLv	1.9	14722862	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.75	41.2	Lg	00:18:16.625	1.5	T_			---			14722863	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 1																				
PDKS	0.76	281.8	Pg	00:18:02.980	-0.6	T_			---			14722864	FDSN	IR	--	ISC	iLoc	???	???	_
PDKS	0.76	281.8	x	00:18:17.740	-99.0	---		1.1	0.08	---		14722865	FDSN	IR	--	ISC	iLoc	???	???	_
A251A	0.80	169.6	Pg	00:18:04.970	0.7	T_			---			14722866	FDSN	IR	--	ISC	iLoc	???	???	_
A251A	0.80	169.6	Lg	00:18:15.790	0.1	T_			---			14722867	FDSN	IR	--	ISC	iLoc	???	???	_
VISS	0.86	263.3	Pg	00:18:05.350	-0.1	T_			---			14722868	FDSN	IR	--	ISC	iLoc	???	???	_
A051A	1.08	146.2	Pn	00:18:10.100	0.1	T_			---			14722869	FDSN	IR	--	ISC	iLoc	???	???	_
A051A	1.08	146.2	Lg	00:18:25.200	-0.3	T_			---			14722870	FDSN	IR	--	ISC	iLoc	???	???	_
PLIT	1.08	196.9	Pg	00:18:09.070	-0.9	T_			---			14722871	FDSN	IR	--	ISC	iLoc	???	???	_
PLIT	1.08	196.9	Lg	00:18:23.950	-1.2	T_			---			14722872	FDSN	IR	--	ISC	iLoc	???	???	_
LJU	1.08	277.6	Lg	00:18:23.000	-1.7	T_			---			14722873	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	1.16	262.0	Pg	00:18:10.600	-0.1	T_			---			14722874	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	1.16	262.0	Lg	00:18:25.700	-1.4	T_			---			14722875	FDSN	IR	--	ISC	iLoc	???	???	_
A250A	1.16	224.8	Pn	00:18:10.660	-0.4	T_			---			14722876	FDSN	IR	--	ISC	iLoc	???	???	_
A250A	1.16	224.8	Lg	00:18:26.300	-1.3	T_			---			14722877	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.21	300.2	Pn	00:18:11.100	-0.4	T_			---			14722878	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.21	300.2	Pg	00:18:12.555	0.6	T_		0.3	0.12	---		14722879	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.21	300.2	Lg	00:18:28.027	-0.8	T_		1.8	0.38	---		14722880	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.21	300.2	Lg	00:18:28.100	-0.8	T_			---			14722881	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.21	300.2	Pb	00:18:13.011	1.0	T_	1.7	0.0	---	MLv	1.5	14722882	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.21	300.2	Sg	00:18:28.653	-0.2	T_			---			14722883	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 0																				
KNDS	1.24	252.6	Pg	00:18:12.700	0.3	T_			---			14722884	FDSN	IR	--	ISC	iLoc	???	???	_
RIY	1.25	242.7	Pg	00:18:12.940	0.2	T_			---			14722885	FDSN	IR	--	ISC	iLoc	???	???	_
RIY	1.25	242.7	Lg	00:18:29.380	-0.8	T_			---			14722886	FDSN	IR	--	ISC	iLoc	???	???	_
CRNS	1.27	278.3	Pg	00:18:13.210	0.5	T_			---			14722887	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.39	344.7	Lg	00:18:34.250	-0.5	T_			---			14722888	FDSN	OE	--	BUD	iLoc	BHE	???	_
ARSA	1.39	344.7	Pn	00:18:13.222	-0.6	T_		0.1	0.07	---		14722889	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.39	344.7	Pg	00:18:16.500	0.7	T_			---			14722890	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.39	344.7	Sg	00:18:34.400	-0.4	T_			---			14722891	FDSN	IR	--	ISC	iLoc	???	???	_
JAVS	1.40	270.0	Pg	00:18:15.430	-0.0	T_			---			14722892	FDSN	IR	--	ISC	iLoc	???	???	_
UDBI	1.40	188.8	Pn	00:18:14.880	0.1	T_			---			14722893	FDSN	IR	--	ISC	iLoc	???	???	_
UDBI	1.40	188.8	Sn	00:18:33.950	-0.5	T_			---			14722894	FDSN	IR	--	ISC	iLoc	???	???	_
KOVH	1.43	82.2	Pg	00:18:16.956	-0.2	T_	1.3	0.0	---	MLv	1.6	14722895	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.43	82.2	Lg	00:18:35.970	-0.9	T_			---			14722896	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.6 1																				
A050A	1.47	166.8	Pn	00:18:16.000	0.4	T_			---			14722897	FDSN	IR	--	ISC	iLoc	???	???	_
A050A	1.47	166.8	Sn	00:18:35.900	-0.2	T_			---			14722898	FDSN	IR	--	ISC	iLoc	???	???	_
RABC	1.47	218.4	Pn	00:18:16.020	0.6	T_			---			14722899	FDSN	IR	--	ISC	iLoc	???	???	_
RABC	1.47	218.4	Lg	00:18:37.230	-0.0	T_			---			14722900	FDSN	IR	--	ISC	iLoc	???	???	_
SKDS	1.48	256.5	Pn	00:18:16.400	1.1	T_			---			14722901	FDSN	IR	--	ISC	iLoc	???	???	_
SKDS	1.48	256.5	Sn	00:18:35.700	-0.4	T_			---			14722902	FDSN	IR	--	ISC	iLoc	???	???	_



NVLJ	1.59	212.4	Pn	00:18:17.710	0.6	T__	---	14722903	FDSN	IR	--	ISC	iLoc	???	???	_			
NVLJ	1.59	212.4	Sn	00:18:39.720	1.4	T__	---	14722904	FDSN	IR	--	ISC	iLoc	???	???	_			
SMRN	1.60	237.6	Pn	00:18:18.320	1.1	T__	---	14722905	FDSN	IR	--	ISC	iLoc	???	???	_			
SMRN	1.60	237.6	Sn	00:18:39.800	0.9	T__	---	14722906	FDSN	IR	--	ISC	iLoc	???	???	_			
VIRC	1.77	204.2	Pn	00:18:20.930	1.1	T__	---	14722907	FDSN	IR	--	ISC	iLoc	???	???	_			
VIRC	1.77	204.2	Sn	00:18:44.800	1.8	T__	---	14722908	FDSN	IR	--	ISC	iLoc	???	???	_			
MORH	1.82	79.5	Pn	00:18:22.400	2.5	T__	---	14722909	FDSN	IR	--	ISC	iLoc	???	???	_			
MORH	1.82	79.5	Lg	00:18:47.600	-1.8	T__	---	14722910	FDSN	IR	--	ISC	iLoc	???	???	_			
MORH	1.82	79.4	Pg	00:18:24.581	0.0	T__	1.1	0.0	MLv	1.7	14722911	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.82	79.4	Sg	00:18:48.056	-1.3	T__	---	14722912	FDSN	HU	--	BUD	iLoc	BHN	???	_			
(Station ML : 1.7 1																			
DUGI	2.05	200.8	Pn	00:18:24.790	0.8	T__	---	14722913	FDSN	IR	--	ISC	iLoc	???	???	_			
DUGI	2.05	200.8	Sn	00:18:50.190	-0.3	T__	---	14722914	FDSN	IR	--	ISC	iLoc	???	???	_			
MORI	2.06	187.2	Pn	00:18:24.960	0.8	T__	---	14722915	FDSN	IR	--	ISC	iLoc	???	???	_			
MORI	2.06	187.2	Sn	00:18:51.390	0.7	T__	---	14722916	FDSN	IR	--	ISC	iLoc	???	???	_			
ZIRJ	2.28	187.7	Pn	00:18:27.570	0.3	T__	---	14722917	FDSN	IR	--	ISC	iLoc	???	???	_			
ZIRJ	2.28	187.7	Sn	00:18:56.410	0.3	T__	---	14722918	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
2016/06/06	06:13:53.01	0.42	0.16	46.2745	21.5952	3.2	1.2	113	2.0A		8	238		0.05	1.50	a	ke BUC	14601979	ISC			360
2016/06/06	06:13:51.79	1.94	1.12	46.3357	21.5911	15.3	6.0	116	4.2F	7.5	18	5	241	0.08	1.56	m	ke BUD	14723223	iLoc			321

Magnitude	Err	Nsta	Author	OrigID
m1	1.8		BUC	14601979
ML	1.9	0.7	3 BUD	14723223

Sta	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	0.08	145.1	Pg	06:13:54.273	0.3					T__						14723225	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.08	145.1	Pg	06:13:54.273	0.3					T__		8.1				14723226	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.08	145.1	Lg	06:13:54.826	-0.9					T__		8.1				14723227	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.09	144.7	Pb	06:13:53.381	-0.7					T__	416.1	7.5			MLv	2.4	14723228	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.4 1																									
BZS	0.72	177.3	Pg	06:14:06.699	0.8					T__	2.0	0.0			MLv	1.2	14723229	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.72	177.3	Sn	06:14:17.979	-1.5					T__						14723230	FDSN	RO	--	BUD	iLoc	BHN	???	_	
BZS	0.72	178.6	Lg	06:14:14.773	-1.6					T__						14723231	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.2 1																									
DRGR	0.90	59.0	Pn	06:14:11.054	0.7					T__						14723232	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.90	59.0	Sn	06:14:23.694	-1.2					T__						14723234	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.90	59.0	Lg	06:14:22.626	-1.5					T__						14723235	FDSN	RO	--	BUD	iLoc	BHN	???	_	
GZR	1.25	138.3	Pg	06:14:16.144	0.3					T__						14723236	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.25	138.3	Pb	06:14:17.640	1.8					T__	3.9	0.1			MLv	1.9	14723238	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.25	138.3	Sn	06:14:33.102	-0.2					T__						14723239	FDSN	RO	--	BUD	iLoc	BHE	???	_	
GZR	1.25	138.3	Lg	06:14:33.314	-1.0					T__						14723240	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.9 1																									
MDVR	1.56	176.8	Pg	06:14:21.645	-0.7					T__						14723241	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.56	176.8	Sn	06:14:41.910	0.9					T__						14723242	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
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2016/06/07 12:01:50.60 1.13 0.80 48.3764 17.2534 8.8 4.4 115 9.3F 8.1 15 10 75 0.02 1.41 m ke BUD 14723258 iLoc 120

Magnitude Err Nsta Author OrigID  
ML 2.1 0.1 10 BUD 14723258

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.02	102.1	Pg	12:01:52.077	-0.5					T__	116.2	3552.1		---	MLv	4.9	14723260	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 4.9 0)																									
ZST	0.21	209.3	Pg	12:01:55.424	0.2					T__	27.8	11.6		---	MLv	2.9	14723261	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.21	209.3	Lg	12:01:59.611	0.9					T__				---			14723262	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 2.9 0)																									
A334A	0.36	50.7	Pg	12:01:57.382	-0.7					T__	7.2	0.8		---	MLv	2.2	14723263	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.2 1)																									
JAVC	0.56	29.7	Pg	12:02:01.591	-0.3					T__	10.5	0.4		---	MLv	2.4	14723264	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.56	29.7	Lg	12:02:10.615	0.4					T__				---			14723265	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML : 2.4 1)																									
SOP	0.84	214.2	Pg	12:02:05.342	-2.0					T__	2.6	0.1		---	MLv	2.0	14723266	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.0 1)																									
KRUC	0.89	320.7	Pg	12:02:07.304	-0.2					T__	2.4	0.1		---	MLv	1.9	14723267	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	0.89	320.7	Lg	12:02:20.386	0.5					T__				---			14723268	FDSN	CZ	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 0)																									
VRAC	1.03	335.2	Pg	12:02:09.934	-0.1					T__	3.5	0.1		---	MLv	2.1	14723269	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
VRAC	1.03	335.2	Sn	12:02:25.027	-0.0					T__				---			14723270	FDSN	CZ	--	BUD	iLoc	BHN	???	_
(Station ML : 2.1 1)																									
CONA	1.03	244.8	Pn	12:02:10.811	0.4					T__	1.6	0.1		---	MLv	1.9	14723271	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 0)																									
MPLH	1.22	170.8	Pg	12:02:14.949	0.3					T__	1.6	0.1		---	MLv	2.1	14723272	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 1)																									
MORC	1.41	7.6	Pg	12:02:16.361	-0.5					T__	1.5	0.1		---	MLv	2.1	14723273	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	1.41	7.6	Sn	12:02:34.116	-0.7					T__				---			14723274	FDSN	CZ	--	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  
2016/06/08 09:04:38.02 1.30 0.95 48.6829 20.6272 9.9 4.7 139 4.5F 12.9 9 5 135 0.22 0.96 m ke BUD 14723639 iLoc 215

Magnitude Err Nsta Author OrigID  
ML 1.7 0.5 4 BUD 14723639

Sta	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	205.3	Pg	09:04:42.503	-0.1					T__	43.8	3.5		---	MLv	2.5	14723641	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.22	205.3	Lg	09:04:46.153	0.0					T__				---			14723642	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.5 1)																									
CRVS	0.59	68.0	Pg	09:04:49.337	0.1					T__	1.5	0.0		---	MLv	0.9	14723643	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.59	68.0	Lg	09:04:57.344	-1.5					T__				---			14723644	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 0.9 1)																									
LANS	0.90	301.9	Pg	09:04:55.569	-0.1					T__	2.5	0.0		---	MLv	1.7	14723645	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 1.7 1)																									
PSZ	0.91	212.9	Pn	09:04:57.425	0.6					T__	1.7	0.0		---	MLv	1.7	14723646	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.91	212.9	Sn	09:05:10.781	-0.9					T__				---			14723647	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.7 1)																									
MASL	0.96	69.5	Pn	09:04:58.088	0.4					T__				---			14723648	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	0.96	69.5	Lg	09:05:12.069	0.9					T__				---			14723649	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
2016/06/08	10:58:47.80	1.23	1.20	48.8678	20.9253	6.1	4.4	139	4.4F	14.1	13	8	130	0.36	1.54	m	ke BUD	14723667	iLoc			131

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	14723667

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CRVS	0.36	84.2	Pg	10:58:54.254	-0.4					T__	4.1	0.0		___	MLv	0.7	14723669	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.36	84.2	Lg	10:58:59.058	-1.5					T__				___			14723670	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 0.7 0)																									
KECS	0.48	217.3	Pg	10:58:56.966	-0.5					T__	4.0	0.2		___	MLv	1.9	14723671	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.48	217.3	Lg	10:59:03.423	-1.3					T__				___			14723672	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 1.9 1)																									
STHS	0.59	20.7	Lg	10:59:09.200	1.6					T__				___			14723673	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	0.68	324.1	Lg	10:59:09.769	-0.8					T__				___			14723674	FDSN	PL	--	BUD	iLoc	BHN	???	_
KOLS	0.89	85.3	Pg	10:59:05.121	0.5					T__	5.6	3.5		___	MLv	3.5	14723675	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.89	85.3	Lg	10:59:19.537	0.6					T__				___			14723676	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 3.5 0)																									
PSZ	1.17	216.3	Pn	10:59:10.728	0.3					T__	2.3	0.1		___	MLv	2.0	14723677	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.17	216.3	Sn	10:59:27.347	-1.0					T__				___			14723678	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 1)																									
ET1H	1.21	215.8	Pg	10:59:14.607	1.8					T__	2.1	0.0		___	MLv	1.8	14723679	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.21	215.8	Lg	10:59:30.521	0.5					T__				___			14723680	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Station ML : 1.8 1)																									
OJC	1.54	331.9	Pg	10:59:16.893	-0.2					T__	8.3	0.2		___	MLv	2.6	14723681	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/06/09	05:41:55.62	1.07	2.73	48.4074	19.1533	6.9	5.1	177	0.0A		11	7	101	0.20	1.27	m	ke BUD	14723707	iLoc			149

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.4	5 BUD	14723707

Sta	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	0.20	210.6	Pg	05:42:00.128	0.2					T__	117.1	2.9		___	MLv	2.3	14723709	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.20	210.6	Lg	05:42:07.513	4.4					T__				___			14723710	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Station ML : 2.3 0)																									
PSZ	0.70	134.3	Pg	05:42:10.702	0.3					T__	2.4	0.1		___	MLv	1.6	14723711	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.70	134.3	Lg	05:42:20.634	-0.8					T__				___			14723712	FDSN	GE	--	BUD	iLoc	BHZ	???	_
(Station ML : 1.6 1)																									
ET1H	0.71	137.4	Lg	05:42:17.505	-4.3					T__				___			14723713	FDSN	HU	--	BUD	iLoc	HHE	???	_
KECS	0.89	84.6	Pg	05:42:14.207	0.9					T__	2.3	0.2		___	MLv	2.3	14723714	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.89	84.6	Lg	05:42:27.904	1.3					T__				___			14723715	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.3 1)																									
JAVC	1.08	295.2	Pg	05:42:16.544	-0.7					T__	1.8	0.1		___	MLv	1.9	14723716	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	1.08	295.2	Sn	05:42:32.773	-1.2					T__				___			14723717	FDSN	CZ	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 1)																									
MODS	1.25	269.1	Sn	05:42:34.136	-3.8					T__				___			14723718	FDSN	SK	--	BUD	iLoc	HHN	???	_

NIE 1.27 36.6 Pn 05:42:21.413 1.5 T\_\_ 1.7 0.0 \_\_\_ MLv 1.4 14723719 FDSN PL -- BUD iLoc BHZ BHZ \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2016/06/14 09:05:08.69 1.41 0.41 48.5891 20.7303 11.8 4.9 143 1.1F 23.5 8 5 157 0.19 1.01 m ke BUD 14723768 iLoc 179

Magnitude Err Nsta Author OrigID  
ML 1.7 0.4 4 BUD 14723768

Sta	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	0.19	237.0	Pg	09:05:12.450	-0.2				T__	52.5	2.2			___	MLv	2.2	14723770	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_		
KECS	0.19	237.0	Lg	09:05:16.422	0.6				T__					---		14723771	FDSN	SK	--	BUD	iLoc	EHE	???	_			
				(Station ML : 2.2 1																							
CRVS	0.58	56.8	Pg	09:05:19.523	-0.1				T__	2.5	0.0			___	MLv	0.8	14723772	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
				(Station ML : 0.8 1																							
PSZ	0.87	220.1	Pg	09:05:27.012	0.1				T__	3.2	0.1			___	MLv	1.8	14723773	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_		
PSZ	0.87	220.1	Lg	09:05:40.003	-0.4				T__					---		14723774	FDSN	GE	--	BUD	iLoc	BHN	???	_			
				(Station ML : 1.8 1																							
MASL	0.94	62.7	Pn	09:05:28.359	0.0				T__					---		14723775	FDSN	SK	--	BUD	iLoc	EHZ	???	_			
MASL	0.94	62.7	Lg	09:05:41.100	0.1				T__					---		14723776	FDSN	SK	--	BUD	iLoc	EHN	???	_			
LANS	1.01	304.5	Pg	09:05:28.278	-0.1				T__	3.2	0.0			___	MLv	1.7	14723777	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2016/06/15 06:03:09.22 1.44 0.27 47.3204 17.6891 9.1 7.3 133 5.0F 16.0 6 4 159 0.18 0.65 m ke BUD 14723795 iLoc 236

Magnitude Err Nsta Author OrigID  
ML 1.6 0.4 4 BUD 14723795

Sta	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	0.18	214.2	Pg	06:03:13.048	-0.1				T__	11.2	0.2			___	MLv	1.1	14723797	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
MPLH	0.18	214.2	Lg	06:03:16.411	0.2				T__					---		14723798	FDSN	HU	--	BUD	iLoc	BHE	???	_			
				(Station ML : 1.1 1																							
A268A	0.19	55.1	Pg	06:03:13.358	-0.1				T__	16.0	0.4			___	MLv	1.4	14723799	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
				(Station ML : 1.4 1																							
EGYH	0.26	291.7	Pg	06:03:14.582	-0.2				T__	6.8	0.5			___	MLv	1.7	14723800	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_		
EGYH	0.26	291.7	Lg	06:03:19.082	0.2				T__					---		14723801	FDSN	HU	--	BUD	iLoc	SHN	???	_			
				(Station ML : 1.7 1																							
SR0	0.65	40.4	Pn	06:03:24.630	0.8				---	2.0	0.5			___	MLv	2.5	14723802	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		
SR0	0.65	40.4	Sn	06:03:35.339	0.0				T__					---		14723803	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  
2016/06/15 09:14:03.49 1.28 1.70 48.6479 20.7815 8.7 4.5 145 5.7F 10.7 11 6 145 0.26 1.03 m ke BUD 14723821 iLoc 190

Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 4 BUD 14723821

Sta	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	230.1	Pg	09:14:08.092	-0.7	T__	17.0	0.7	---	MLv	1.9	14723823	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.26	230.1	Lg	09:14:12.310	-0.5	T__			---			14723824	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 1.9 1																				
CRVS	0.52	60.2	Pg	09:14:14.494	1.2	T__	2.0	0.0	---	MLv	0.8	14723825	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.52	60.2	Lg	09:14:21.026	-0.8	T__			---			14723826	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 0.8 1																				
PSZ	0.94	219.4	Pn	09:14:21.450	-1.1	T__	2.3	0.1	---	MLv	1.8	14723827	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.94	219.4	Sn	09:14:35.721	-2.0	T__			---			14723828	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.8 1																				
ET1H	0.98	218.7	Pg	09:14:26.516	2.7	T__	2.8	0.0	---	MLv	1.6	14723829	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.98	218.7	Sn	09:14:40.291	1.9	T__			---			14723830	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Station ML : 1.6 1																				
LANS	1.00	300.6	Pg	09:14:23.700	0.5	T__		0.0	---			14723831	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	1.00	300.6	Lg	09:14:38.600	0.8	T__		0.0	---			14723832	FDSN	IR	--	ISC	iLoc	???	???	_
KOLS	1.03	73.3	Sn	09:14:39.939	-0.4	T__			---			14723833	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
2016/06/15	09:23:34.16	1.18	0.81	48.5930	20.7361	9.3	4.2	149	7.0F	12.4	10	5	157	0.20	1.01	m	ke BUD	14723853	iLoc			180

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	4 BUD	14723853

Sta	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	236.7	Pg	09:23:38.141	-0.3					T__	28.8	1.2		---	MLv	1.9	14723855	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	236.7	Lg	09:23:42.649	0.9					T__				---		14723856	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.9 1																									
CRVS	0.57	56.9	Pg	09:23:45.024	0.0					T__	3.2	0.0		---	MLv	1.0	14723857	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	56.9	Lg	09:23:53.145	-1.2					T__				---		14723858	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.0 1																									
PSZ	0.88	220.1	Pn	09:23:51.452	-0.8					T__	1.8	0.0		---	MLv	1.7	14723859	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	220.1	Lg	09:24:06.155	0.5					T__				---		14723860	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
MASL	0.93	62.8	Pn	09:23:53.850	0.8					T__				---		14723861	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
MASL	0.93	62.8	Lg	09:24:06.587	0.2					T__				---		14723862	FDSN	SK	--	BUD	iLoc	EHN	???	_	
LANS	1.01	304.2	Pg	09:23:53.957	0.0					T__	3.1	0.0		---	MLv	1.7	14723863	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.01	304.2	Lg	09:24:08.300	-0.2					T__				---		14723864	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	
2016/06/16	09:19:10.36	1.28	1.58	48.6350	20.7401	9.6	4.4	143	3.3F	12.3	12	7	144	0.23	1.27	m	ke BUD	14723882	iLoc				157

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	5 BUD	14723882

Sta	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	228.1	Pg	09:19:14.211	-0.8					T__	29.6	1.2		---	MLv	2.0	14723884	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.23	228.1	Lg	09:19:18.347	-0.3					T__				---		14723885	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.0 0																									
CRVS	0.55	60.5	Pg	09:19:21.101	0.4					T__	2.8	0.0		---	MLv	0.9	14723886	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

CRVS	0.55	60.5	Lg	09:19:29.159	-0.5	T__								14723887	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 0.9 1																						
PSZ	0.91	218.5	Pn	09:19:27.600	-1.7	T__	3.5	0.1				MLv	1.9	14723888	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.91	218.5	Lg	09:19:40.952	-2.3	T__								14723889	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 1																						
ET1H	0.95	217.8	Pg	09:19:32.988	2.9	T__	2.3	0.0				MLv	1.6	14723890	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.95	217.8	Sn	09:19:46.290	1.3	T__								14723891	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Station ML : 1.6 1																						
LANS	0.99	302.0	Pg	09:19:30.000	0.3	T__		0.0						14723892	FDSN	IR	--	ISC	iLoc	???	???	_
KOLS	1.06	73.0	Lg	09:19:46.737	-0.4	T__								14723893	FDSN	SK	--	BUD	iLoc	HHN	???	_
VYHS	1.27	264.3	Pn	09:19:34.787	0.6	T__	3.8	0.0				MLv	0.9	14723894	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.27	264.3	Sn	09:19:53.231	0.2	T__								14723895	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
2016/06/16	12:06:41.57	1.34	0.59	47.1880	19.2150	18.2	5.5	119	0.0A		6	3	170	0.86	1.14	m	ke	BUD	14724031	iLoc		292

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	14724031

Sta	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	0.86	32.0	Pg	12:07:00.059	0.1					T__	2.0	0.0			MLv	1.6	14724033	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	32.0	Lg	12:07:13.154	-0.4					T__						14724034	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
MORH	1.05	202.2	Pg	12:07:02.644	0.1					T__	2.0	0.0			MLv	1.6	14724035	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.05	202.2	Lg	12:07:17.888	-0.4					T__						14724036	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
MPLH	1.14	269.7	Pn	12:07:04.454	0.5					T__	2.1	0.0			MLv	1.8	14724037	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.14	269.7	Sn	12:07:20.889	-0.6					T__						14724038	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
2016/06/16	12:08:14.50	1.21	2.45	47.1209	19.3755	13.3	8.5	128	0.0A		7	5	136	0.63	1.36	m	ke	BUD	14724052	iLoc		185

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	14724052

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BSZH	0.63	73.3	Pg	12:08:27.317	-1.1					T__	2.1	0.2			MLv	2.1	14724054	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.1 1																									
PSZ	0.87	23.6	Pg	12:08:33.703	0.7					T__	3.1	0.1			MLv	1.7	14724055	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 1																									
MORH	1.04	209.3	Pn	12:08:36.509	1.3					T__	1.3	0.0			MLv	1.5	14724056	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.04	209.3	Lg	12:08:48.916	-1.9					T__						14724057	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.5 1																									
MPLH	1.25	272.9	Sn	12:08:53.892	-3.3					T__						14724058	FDSN	HU	--	BUD	iLoc	BHE	???	_	
KOVH	1.36	220.9	Pn	12:08:42.018	2.1					T__	1.5	0.0			MLv	1.8	14724059	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.36	220.9	Sn	12:09:01.069	1.3					T__						14724060	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
2016/06/18	08:30:55.47	1.11	0.71	48.3905	18.2472	5.4	4.2	177	8.1F	7.8	19	10	86	0.08	1.46	m	ke BUD	14724296	iLoc			149

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	6 BUD	14724296

Sta	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	0.08	46.3	Pg	08:30:57.959	0.1				T__		20.4	0.6		___	MLv	1.3	14724298	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.08	46.3	Lg	08:31:00.560	1.0				T__					---		14724299	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.3 1																									
A338A	0.38	169.3	Lg	08:31:08.865	-0.3				T__					---		14724300	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
VYHS	0.41	75.0	Pg	08:31:03.896	0.1				T__		11.2	0.0		---	MLv	0.4	14724301	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.41	75.0	Lg	08:31:10.522	0.6				T__					---		14724302	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.4 0																									
A334A	0.44	299.6	Lg	08:31:10.047	-0.7				T__					---		14724303	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
A332A	0.44	19.1	Pg	08:31:04.698	0.4				T__		4.1	0.1		---	MLv	1.4	14724304	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A332A	0.44	19.1	Lg	08:31:11.525	0.7				T__					---		14724305	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.4 1																									
A336A	0.53	107.1	Lg	08:31:13.919	-0.0				T__					---		14724306	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
JAVC	0.61	321.0	Pg	08:31:07.931	0.2				T__		0.9	0.0		---	MLv	1.4	14724307	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.61	321.0	Lg	08:31:17.046	0.4				T__					---		14724308	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
JAVC	0.61	321.0	Pb	08:31:07.600	-0.1				T__					---		14724309	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	0.61	321.0	Sg	08:31:14.800	-1.8				T__					---		14724310	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.4 1																									
MODS	0.65	268.8	Pg	08:31:09.463	0.9				T__		2.5	25.6		---	MLv	4.3	14724311	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.65	268.8	Lg	08:31:18.786	0.7				T__					---		14724312	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 4.3 0																									
ZST	0.79	256.1	Pg	08:31:11.540	0.3				T__		3.2	0.8		---	MLv	2.8	14724313	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.79	256.1	Lg	08:31:22.727	0.3				T__					---		14724314	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 2.8 1																									
MORC	1.46	341.8	Pg	08:31:23.200	0.4				T__					---		14724315	FDSN	IR	--	ISC	iLoc	???	???	_	
MORC	1.46	341.8	Sn	08:31:41.400	0.1				T__					---		14724316	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
2016/06/20	09:03:05.21	5.03	0.74	47.7734	20.0612	33.6	9.5	169	5.0A		6	3	290	0.18	1.09	m	kx BUD	14724467	iLoc			349
2016/06/20	09:03:06.95f		1.13	47.8987	20.0893f				0.0S		6		254	0.13	1.03	a	kx BUD_GT	14759305	BUD			332

(locality : Recsk)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	3 BUD	14724467
ML	2.1	0.1	3 BUD	14759305

Sta	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	09:03:10.000	-0.4				T__			2.1		---	MLv	14759697	FDSN	GE	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.13	278.6	Lg	09:03:13.176	-0.0				T__					---		14759698	FDSN	GE	--	BUD	BUD	BHN	???	_
KECS	0.64	24.2	Pg	09:03:20.557	0.7				T__			0.2		---	MLv	14759699	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.64	24.2	Lg	09:03:31.784	2.1				T__					---		14759700	FDSN	SK	--	BUD	BUD	EHE	???	_
VYHS	1.03	305.9	Pg	09:03:27.315	-0.3				T__			0.0		---	MLv	14759701	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_

VYHS 1.03 305.9 Lg 09:03:41.204 -1.5 T\_\_ --- 14759702 FDSN SK -- BUD 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
2016/06/23	10:29:09.27	0.17	0.32	46.2703	21.8575	2.6	1.1	124	5.1F	2.4	13	115	0.13	1.49	a	ke BUC	14606583	ISC				360
2016/06/23	10:29:08.37	0.99	0.92	46.2865	21.8658	5.4	3.6	118	1.6F	9.7	25	7	115	0.14	1.51	m	ke BUD	14724631	iLoc			167

Magnitude	Err	Nsta	Author	OrigID
m1	1.6		BUC	14606583
ML	1.5	0.1	3 BUD	14724631

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L			
SIRR	0.14	261.5	Pg	10:29:11.484	-0.1				T__	58.2		0.7		---	MLv	1.5	14724633	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
SIRR	0.14	261.5	Lg	10:29:14.170	-0.0				T__					---		14724634	FDSN	RO	--	BUD	iLoc	BHN	???	_			
SIRR	0.14	262.5	Pb	10:29:11.610	-0.0				T__					---		14724635	FDSN	IR	--	ISC	iLoc	???	???	_			
SIRR	0.14	262.5	Pb	10:29:11.610	-0.0				T__			0.4		---		14724636	FDSN	IR	--	ISC	iLoc	???	???	_			
(Station ML : 1.5 1																											
BZS	0.69	193.3	Pg	10:29:22.143	0.3				T__	2.4		0.0		---	MLv	1.5	14724637	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
BZS	0.69	193.3	Lg	10:29:31.742	-0.0				T__					---		14724638	FDSN	RO	--	BUD	iLoc	BHE	???	_			
BZS	0.69	194.6	Pb	10:29:22.478	0.5				T__					---		14724639	FDSN	IR	--	ISC	iLoc	???	???	_			
BZS	0.69	194.6	Sg	10:29:31.550	-0.4				T__					---		14724641	FDSN	IR	--	ISC	iLoc	???	???	_			
(Station ML : 1.5 1																											
DRGR	0.77	48.8	Pg	10:29:24.852	1.0				T__					---		14724642	FDSN	IR	--	ISC	iLoc	???	???	_			
DRGR	0.77	48.8	Lg	10:29:34.691	-1.6				T__					---		14724644	FDSN	IR	--	ISC	iLoc	???	???	_			
DRGR	0.77	48.8	Pn	10:29:26.238	0.8				T__	2.8		0.1		---	MLv	1.7	14724645	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
DRGR	0.77	48.8	Sg	10:29:34.509	-1.8				T__					---		14724646	FDSN	RO	--	BUD	iLoc	BHN	???	_			
(Station ML : 1.7 1																											
LTVH	1.10	1.2	Sn	10:29:46.385	-0.3				T__					---		14724647	FDSN	IR	--	ISC	iLoc	???	???	_			
LTVH	1.10	1.2	Sn	10:29:46.385	-0.3				T__			0.1		---		14724648	FDSN	IR	--	ISC	iLoc	???	???	_			
MESR	1.14	40.4	Pn	10:29:31.491	0.9				T__					---		14724649	FDSN	IR	--	ISC	iLoc	???	???	_			
MESR	1.14	40.4	Pn	10:29:31.491	0.9				T__			0.2		---		14724650	FDSN	IR	--	ISC	iLoc	???	???	_			
MESR	1.14	40.4	Sn	10:29:47.957	-0.1				T__			0.2		---		14724651	FDSN	IR	--	ISC	iLoc	???	???	_			
HERR	1.46	164.4	Pg	10:29:35.995	-0.2				T__					---		14724652	FDSN	IR	--	ISC	iLoc	???	???	_			
HERR	1.46	164.4	Lg	10:29:56.118	-1.0				T__					---		14724654	FDSN	IR	--	ISC	iLoc	???	???	_			
MDVR	1.51	184.1	Pn	10:29:36.698	1.1				T__					---		14724655	FDSN	IR	--	ISC	iLoc	???	???	_			
MDVR	1.51	184.1	Lg	10:29:57.749	-1.7				T__					---		14724657	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
2016/06/23	21:52:18.20	0.17	0.18	47.7337	18.2054	1.8	1.1	9	25.7F	1.1	19	166	0.30	2.09	a	ke IPEC	14606804	ISC				360
2016/06/23	21:52:17.86	1.06	1.43	47.7605	18.1886	3.4	2.9	97	11.0F	10.4	42	24	40	0.18	2.06	m	ke BUD	14758646	iLoc			67

Magnitude	Err	Nsta	Author	OrigID
ML	1.2		IPEC	14606804
ML	1.9	0.2	18 BUD	14758646

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L			
A269A	0.18	132.9	Pg	21:52:21.900	-0.2				T__	17.7		0.9		---	MLv	1.8	14758648	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
(Station ML : 1.8 1																											
A338A	0.28	23.4	Pg	21:52:25.014	1.1				T__	24.5		0.8		---	MLv	2.0	14758649	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		



(Station ML : 2.0 1																	
A339A 0.37 281.1 Pg	21:52:26.665	1.1	T__	2.9	0.4	___	MLv	1.9	14758650	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A339A 0.37 281.1 Lg	21:52:32.924	1.8	T__			---			14758651	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 1.9 1																	
A268A 0.38 208.6 Pg	21:52:25.341	-0.4	T__	7.1	0.1	___	MLv	1.5	14758652	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A 0.38 208.6 Lg	21:52:31.320	-0.2	T__			---			14758653	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Station ML : 1.5 0																	
CSKK 0.40 173.0 Pg	21:52:26.290	0.1	T__	14.6	3.3	___	MLv	2.9	14758654	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK 0.40 173.0 Lg	21:52:31.963	-0.4	T__			---			14758655	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.9 0																	
A337A 0.55 331.2 Lg	21:52:38.915	1.9	T__			---			14758656	FDSN	Z3	00	BUD	iLoc	HHN	???	_
BUD 0.63 115.8 Pg	21:52:30.693	-0.3	T__	2.8	0.1	---	MLv	1.8	14758657	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD 0.63 115.8 Lg	21:52:40.300	0.1	T__		0.1	---			14758658	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.8 1																	
EGYH 0.67 239.6 Pg	21:52:31.903	0.4	T__	5.2	0.2	___	MLv	2.1	14758659	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH 0.67 239.6 Lg	21:52:41.915	0.9	T__			---			14758660	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.1 1																	
A335A 0.69 8.1 Pg	21:52:31.898	0.1	T__	6.2	0.1	___	MLv	2.0	14758661	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A 0.69 8.1 Lg	21:52:41.116	-0.5	T__			---			14758662	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Station ML : 2.0 1																	
A336A 0.72 48.7 Pn	21:52:32.241	-0.5	T__	3.6	0.1	___	MLv	1.7	14758663	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.7 0																	
MPLH 0.74 216.9 Pn	21:52:32.545	-0.5	T__	4.3	0.1	___	MLv	1.9	14758664	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH 0.74 216.9 Sn	21:52:44.827	-0.2	T__			---			14758665	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.9 1																	
A003A 0.77 270.3 Pn	21:52:34.063	0.6	T__	2.7	0.1	___	MLv	2.1	14758666	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.1 1																	
ZST 0.85 301.3 Pn	21:52:35.322	0.6	T__	1.5	0.5	___	MLv	2.7	14758667	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.7 0																	
VYHS 0.85 30.3 Pn	21:52:34.978	0.3	T__	7.9	0.0	___	MLv	0.7	14758668	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS 0.85 30.3 Lg	21:52:46.458	-0.4	T__			---			14758669	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 0.7 0																	
MODS 0.87 315.4 Pn	21:52:35.191	0.2	T__	3.1	36.4	___	MLv	4.5	14758670	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 4.5 0																	
TIH 0.88 193.5 Pg	21:52:35.786	0.4	T__	3.6	0.2	___	MLv	2.2	14758671	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH 0.88 193.5 Sn	21:52:49.496	0.8	T__			---			14758672	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.2 1																	
A332A 1.06 9.9 Lg	21:52:53.659	0.4	T__			---			14758673	FDSN	Z3	00	BUD	iLoc	HHE	???	_
JAVC 1.15 342.7 Pg	21:52:41.195	0.6	T__	1.5	0.0	---	MLv	1.8	14758674	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC 1.15 342.7 Lg	21:52:57.537	1.1	T__			---			14758675	FDSN	CZ	--	BUD	iLoc	BHE	???	_
JAVC 1.15 342.7 Pn	21:52:40.200	1.1	T__			---			14758676	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC 1.15 342.7 Sn	21:52:55.200	-0.1	T__		4.6	0.57	---		14758678	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.8 1																	
PSZ 1.16 81.5 Pn	21:52:40.038	0.8	T__	1.4	0.0	___	MLv	1.8	14758679	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ 1.16 81.5 Lg	21:52:56.999	-0.9	T__			---			14758680	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 1																	
RONA 1.28 268.0 Pg	21:52:42.888	-0.2	T__		1.5	0.14	---		14758681	FDSN	IR	--	ISC	iLoc	???	???	_
RONA 1.28 268.0 Lg	21:53:00.678	0.6	T__		1.7	0.18	---		14758682	FDSN	IR	--	ISC	iLoc	???	???	_
CONA 1.58 277.0 Pg	21:52:47.683	-1.1	T__	1.5	0.0	---	MLv	1.9	14758683	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 1																	
KRUC 1.77 318.1 Sn	21:53:09.300	-0.5	T__		1.4	0.43	---		14758684	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC 1.77 318.1 Lg	21:53:09.400	-5.3	T__				---		14758685	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC 1.88 326.2 Sn	21:53:12.600	0.2	T__		1.5	0.32	---		14758686	FDSN	IR	--	ISC	iLoc	???	???	_

VRAC	1.88	326.2	Lg	21:53:12.700	-5.3	T__	---	14758687	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.06	348.3	Sn	21:53:17.400	-0.1	T__	---	14758688	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
2016/06/23	22:38:49.50		0.60	46.2520	16.3680				15.5A							a	ke LJU	14606839	ISC			360
2016/06/23	22:38:50.15	1.21	0.69	46.2735	16.3916	7.4	3.8	77	10.3F	0.0	12		2	1.02	1.29	a	ke VIE	14606842	ISC			360
2016/06/23	22:38:49.70	0.91	0.80	46.2214	16.4103	3.7	3.6	60	10.4F	5.7	29	14	71	0.10	1.32	m	ke BUD	14724813	iLoc			121

Magnitude	Err	Nsta	Author	OrigID
ML	1.3		LJU	14606839
mb	1.7		VIE	14606842
ml	1.5		VIE	14606842
ML	1.7	0.3	6 BUD	14724813

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KALN	0.10	160.7	Pg	22:38:52.620	-0.1					T__						14724815	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.10	160.7	Lg	22:38:56.080	0.9					T__						14724816	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.25	334.0	x	22:38:58.100	-99.0					---		14.8	0.05			14724817	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.25	334.0	Pg	22:38:54.278	-0.9					T__	9.0				MLv	1.8	14724818	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.25	334.0	Lg	22:38:57.731	-1.5					T__						14724819	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 1																									
BEHE	0.35	45.3	Pg	22:38:57.556	0.3					T__	4.8				MLv	1.4	14724820	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.35	45.3	Lg	22:39:03.150	0.2					T__						14724821	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.4 1																									
PTJ	0.44	224.6	Pg	22:38:58.710	0.1					T__	1.8				MLv	1.1	14724822	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.44	224.6	Lg	22:39:05.114	-0.3					T__						14724823	FDSN	CR	--	BUD	iLoc	BHN	???	_	
PTJ	0.44	224.6	Pb	22:38:58.420	-0.5					T__						14724824	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.1 0																									
ZAG	0.49	216.9	Pg	22:39:00.370	0.8					T__						14724825	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.49	216.9	Lg	22:39:07.930	0.8					T__						14724826	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.59	249.2	Pg	22:39:01.160	-0.2					T__						14724827	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.59	249.2	x	22:39:13.920	-99.0					---		5.3	0.17			14724828	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.65	158.3	Pg	22:39:02.920	-0.0					T__						14724829	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.65	158.3	Lg	22:39:11.900	-0.8					T__						14724830	FDSN	IR	--	ISC	iLoc	???	???	_	
AO21A	0.67	323.2	Pg	22:39:03.607	0.8					T__	7.2				MLv	2.0	14724831	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
AO21A	0.67	323.2	Lg	22:39:14.285	2.0					T__						14724832	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 2.0 0																									
CRES	0.77	239.6	Pg	22:39:04.894	0.1					T__	2.2				MLv	2.0	14724833	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.77	239.6	Lg	22:39:16.233	0.2					T__						14724834	FDSN	SL	--	BUD	iLoc	BHE	???	_	
CRES	0.77	239.6	Sg	22:39:16.740	0.7					T__						14724835	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.0 1																									
OZLJ	0.89	227.7	Pg	22:39:06.450	-0.6					T__						14724836	FDSN	IR	--	ISC	iLoc	???	???	_	
OZLJ	0.89	227.7	Lg	22:39:19.910	0.3					T__						14724837	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.06	296.1	Pn	22:39:09.787	0.0					T__		0.2	0.12			14724838	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.06	296.1	Lg	22:39:23.060	-1.6					T__		0.5	0.12			14724839	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	1.18	95.9	Pn	22:39:11.867	0.3					T__	1.8				MLv	1.5	14724840	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.18	95.9	Lg	22:39:30.085	0.5					T__						14724841	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.5 1																									
A252A	1.28	127.5	Pn	22:39:13.000	-0.0					T__						14724842	FDSN	IR	--	ISC	iLoc	???	???	_	
A252A	1.28	127.5	Sn	22:39:30.340	-0.6					T__						14724843	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.32	283.3	Pg	22:39:15.765	0.8					T__		0.6	0.40			14724844	FDSN	IR	--	ISC	iLoc	???	???	_	

OBKA 1.32 283.3 Lg 22:39:33.538 0.6 T\_\_ 1.1 0.28 \_\_\_ 14724845 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
2016/06/24	07:11:51.94	1.30	0.65	48.4036	19.1096	6.8	4.4	42	2.9F	11.6	14	7	114	0.19	1.72	m	ke BUD	14724877	iLoc			186

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	14724877

Sta	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	0.19	203.5	Pg	07:11:55.591	-0.2					T__	63.0	1.8		___	MLv	2.1	14724879	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A336A	0.19	203.5	Lg	07:11:59.899	1.2					T__				---		14724880	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
(Station ML : 2.1 0																										
VYHS	0.20	296.5	Pg	07:11:56.098	-0.1					T__	57.7	0.1		___	MLv	0.6	14724881	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.20	296.5	Lg	07:11:59.298	-0.1					T__				---		14724882	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 0.6 0																										
A335A	0.52	275.1	Pg	07:12:02.085	-0.2					T__	5.7	0.1		___	MLv	1.8	14724883	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A335A	0.52	275.1	Lg	07:12:09.772	-0.2					T__				---		14724884	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 1.8 1																										
PSZ	0.72	132.4	Pg	07:12:07.301	0.3					T__	3.5	0.0		___	MLv	1.6	14724885	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.72	132.4	Lg	07:12:16.791	-1.3					T__				---		14724886	FDSN	GE	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.6 1																										
LANS	0.78	17.5	Pg	07:12:07.700	0.3					T__		0.1		---		14724887	FDSN	IR	--	ISC	iLoc	???	???	_		
JAVC	1.06	296.1	Pn	07:12:12.973	0.1					T__	2.5	0.0		___	MLv	1.7	14724888	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
JAVC	1.06	296.1	Sn	07:12:29.244	0.3					T__				---		14724889	FDSN	CZ	--	BUD	iLoc	BHE	???	_		
JAVC	1.06	296.1	Pg	07:12:12.300	-0.5					T__				---		14724890	FDSN	IR	--	ISC	iLoc	???	???	_		
JAVC	1.06	296.1	Lg	07:12:28.400	0.4					T__				---		14724891	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.7 1																										
MORC	1.72	323.7	Sn	07:12:45.230	-0.2					T__				---		14724892	FDSN	CZ	--	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
2016/06/24	23:03:48.80	0.10	0.18	48.0259	17.3250	1.7	1.1	151	17.9F	1.4	11	83		0.23	1.14	a	ke IPEC	14606901	ISC			360
2016/06/24	23:03:48.65	0.28	0.32	47.9913	17.3599	2.1	1.2	141	5.8F	11.3	16	2		0.77	1.01	a	ke VIE	14606897	ISC			360
2016/06/24	23:03:46.66	2.05	0.71	47.9491	17.4396	13.8	5.0	117	3.9F	14.1	14	7	224	0.32	1.47	m	ke BUD	14724915	iLoc			248

Magnitude	Err	Nsta	Author	OrigID
ML	0.9		IPEC	14606901
mb	1.1		VIE	14606897
ml	1.4		VIE	14606897
ML	2.0	0.4	6 BUD	14724915

Sta	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	0.32	234.0	Pg	23:03:53.445	0.1					T__	1.4	0.5		___	MLv	1.9	14724917	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A003A	0.32	234.0	Lg	23:03:58.585	0.3					T__				---		14724918	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
(Station ML : 1.9 1																										
ZST	0.33	317.7	Pg	23:03:54.082	0.5					T__	3.0	0.8		___	MLv	2.1	14724919	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
ZST	0.33	317.7	Lg	23:03:57.585	-1.1					T__				---		14724920	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 2.1 1																										
MODS	0.44	345.7	Pg	23:03:56.293	0.7					T__	1.7	20.4		___	MLv	3.8	14724921	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	

MODS	0.44	345.7	Lg	23:04:01.132	-1.1	T__	---	---	---	14724922	FDSN	SK	--	BUD	iLoc	HHE	???	_		
(Station ML : 3.8 0																				
MPLH	0.78	175.0	Pn	23:03:57.412	-6.0	---	2.0	0.0	---	MLv	1.3	14724923	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_	
(Station ML : 1.3 0																				
CSKK	0.81	136.3	Pn	23:03:57.974	-5.7	---	2.7	0.4	---	MLv	2.6	14724924	FDSN	HU	--	BUD	iLoc	SHZ SHZ	_	
(Station ML : 2.6 1																				
RONA	0.81	252.5	Pn	23:04:03.228	-0.7	T__		0.9	0.08	---		14724925	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.81	252.5	Lg	23:04:14.860	0.1	T__		0.3	0.06	---		14724926	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	0.92	9.5	Pn	23:04:05.300	-0.3	T__				---		14724927	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.06	269.5	Lg	23:04:22.589	-0.0	T__				---		14724929	FDSN	OE	--	BUD	iLoc	BHN	???	_
CONA	1.06	269.5	Pg	23:04:08.206	0.5	T__		0.3	0.12	---		14724930	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.06	269.5	Sg	23:04:22.358	-0.3	T__		1.2	0.20	---		14724931	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.47	337.9	Pn	23:04:14.013	1.0	T__	1.9	0.0	---	MLv	1.6	14724932	FDSN	CZ	--	BUD	iLoc	BHZ BHZ	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/06/25	00:33:00.20	0.08	0.15	48.7359	19.1622	0.6	0.6	18	1.7F	1.3	24		58	0.32	1.49	a	ke IPEC	14606920	ISC			360
2016/06/25	00:33:00.50	0.00		48.7400	19.1500				0.0A		8					a	ke PRU	14606923	ISC			360
2016/06/25	00:33:00.01	1.05	1.28	48.7419	19.1328	3.5	3.2	61	3.9F	8.0	35	17	58	0.32	2.44	m	ke BUD	14724962	iLoc			99

Magnitude	Err	Nsta	Author	OrigID
ML	1.3		IPEC	14606920
ML	1.7	0.1	14 BUD	14724962

Sta	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	218.6	Pg	00:33:06.540	0.0				T__	48.8	0.0			---	MLv	0.8	14724964	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.32	218.6	Lg	00:33:10.896	-0.4				T__					---		14724965	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 0.8 0																										
A332A	0.45	278.3	Pg	00:33:09.248	0.3				T__	12.7	0.2			---	MLv	1.8	14724966	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A332A	0.45	278.3	Lg	00:33:15.896	0.4				T__					---		14724967	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 1.8 1																										
LANS	0.46	28.2	Pg	00:33:09.300	0.1				T__		0.1			---		14724968	FDSN	IR	--	ISC	iLoc	???	???	_		
LANS	0.46	28.2	Lg	00:33:15.400	-0.7				T__		0.1			---		14724969	FDSN	IR	--	ISC	iLoc	???	???	_		
A336A	0.52	190.0	Pg	00:33:10.344	-0.1				T__	9.6	0.1			---	MLv	1.8	14724970	FDSN	Z3	00	BUD	iLoc	HH2	HHZ	_	
A336A	0.52	190.0	Lg	00:33:17.414	-0.6				T__					---		14724971	FDSN	Z3	00	BUD	iLoc	HH3	???	_		
(Station ML : 1.8 1																										
A335A	0.61	241.1	Pg	00:33:12.089	-0.1				T__	15.0	0.1			---	MLv	2.0	14724972	FDSN	Z3	00	BUD	iLoc	HHE	HHZ	_	
A335A	0.61	241.1	Lg	00:33:20.977	-0.0				T__					---		14724973	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 2.0 1																										
A331A	0.73	304.5	Pn	00:33:15.717	-0.4				T__	5.6	0.1			---	MLv	1.6	14724974	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 1.6 1																										
A338A	0.89	215.9	Pg	00:33:18.623	0.8				T__	2.3	0.1			---	MLv	1.9	14724975	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A338A	0.89	215.9	Lg	00:33:30.636	-0.3				T__					---		14724976	FDSN	Z3	00	BUD	iLoc	HH3	???	_		
(Station ML : 1.9 1																										
KECS	0.93	105.6	Pn	00:33:18.114	-0.8				T__	3.0	0.1			---	MLv	2.1	14724977	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.93	105.6	Lg	00:33:28.982	-3.3				T__					---		14724978	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Station ML : 2.1 0																										
PSZ	0.97	148.1	Pn	00:33:18.645	-1.0				T__	4.4	0.0			---	MLv	1.7	14724979	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.97	148.1	Lg	00:33:31.958	-2.5				T__					---		14724980	FDSN	GE	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.7 1																										
JAVC	0.97	277.5	Pn	00:33:19.854	0.1				T__	2.1	0.0			---	MLv	1.6	14724981	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
JAVC	0.97	277.5	Pg	00:33:19.200	-0.0				T__					---		14724982	FDSN	IR	--	ISC	iLoc	???	???	_		

JAVC	0.97	277.5	Pg	00:33:19.300	-0.0	T__									14724983	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	0.97	277.5	Lg	00:33:31.300	-2.0	T__									14724984	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.6 1																							
ET1H	0.99	150.0	Pg	00:33:24.029	3.4	T__	2.8	0.0							14724985	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	150.0	Lg	00:33:37.016	2.1	T__									14724986	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Station ML : 1.4 1																							
NIE	1.03	48.4	Pn	00:33:20.800	0.3	T__	1.8	0.0							14724987	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.03	48.4	Lg	00:33:34.058	-0.2	T__									14724988	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Station ML : 1.1 0																							
MAUC	1.06	306.5	Pn	00:33:19.800	-1.0	T__									14724989	FDSN	IR	--	ISC	iLoc	???	???	_
OKC	1.27	329.9	Pg	00:33:24.600	0.5	T__									14724990	FDSN	IR	--	ISC	iLoc	???	???	_
OKC	1.27	329.9	Sn	00:33:41.000	-1.3	T__									14724991	FDSN	IR	--	ISC	iLoc	???	???	_
OKC	1.27	329.9	Pb	00:33:25.011	1.0	T__	1.8	0.0							14724992	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
OKC	1.27	329.9	Lg	00:33:43.093	1.9	T__									14724993	FDSN	CZ	--	BUD	iLoc	BHN	???	_
(Station ML : 1.3 1																							
MODS	1.29	254.0	Pn	00:33:24.098	0.1	T__	1.5	15.1							14724994	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 4.4 0																							
MORC	1.47	315.4	Pg	00:33:27.448	-0.2	T__	2.0	0.0							14724995	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	1.47	315.4	Lg	00:33:48.175	0.1	T__									14724996	FDSN	CZ	--	BUD	iLoc	BHE	???	_
MORC	1.47	315.4	Sn	00:33:46.800	-0.5	T__									14724997	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.6 1																							
DPC	2.44	312.4	Lg	00:34:18.900	1.4	T__									14724998	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
2016/06/27	08:11:14.20	1.28	0.73	47.0964	18.0345	5.6	4.5	119	2.2F	18.4	13	8	94	0.22	1.01	m	ke BUD	14725061	iLoc			124

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	5 BUD	14725061

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
TIH	0.22	207.1	Pg	08:11:18.913	0.0					T__	4.6	0.9				14725063	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.22	207.1	Lg	08:11:22.353	-0.1					T__						14725064	FDSN	HU	--	BUD	iLoc	SHZ	???	_
(Station ML : 1.9 1																								
CSKK	0.31	29.9	Lg	08:11:25.599	0.2					T__						14725065	FDSN	HU	--	BUD	iLoc	SHN	???	_
A268A	0.34	347.4	Lg	08:11:26.237	-0.3					T__						14725066	FDSN	Z3	00	BUD	iLoc	HHE	???	_
MPLH	0.35	282.5	Pg	08:11:22.353	1.1					T__	4.8	0.1				14725067	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_
MPLH	0.35	282.5	Lg	08:11:25.080	-1.5					T__						14725068	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.1 0																								
EGYH	0.58	304.1	Pg	08:11:25.900	0.0					T__		0.2				14725069	FDSN	IR	--	ISC	iLoc	???	???	_
BUD	0.78	59.7	Pg	08:11:30.266	0.1					T__	1.7	0.1				14725070	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.78	59.7	Lg	08:11:41.301	-0.9					T__						14725071	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 0																								
MORH	0.98	154.3	Pn	08:11:33.901	0.3					T__	1.2	0.0				14725072	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.98	154.3	Lg	08:11:48.053	0.0					T__						14725073	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.2 1																								
KOVH	1.01	177.4	Pn	08:11:34.290	0.0					T__	1.9	0.0				14725074	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.01	177.4	Lg	08:11:48.507	-0.7					T__						14725075	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
2016/06/29	09:38:06.40	0.18	0.19	46.3152	21.9603	3.1	1.1	133	10.9F	2.2	9	150	0.21	1.54	a	ke BUC	14607472	ISC				360
2016/06/29	09:38:05.58	1.03	0.96	46.3286	21.9835	10.2	3.9	141	1.9F	12.5	16	5 152	0.23	1.56	m	ke BUD	14725723	iLoc				230

Magnitude	Err	Nsta	Author	OrigID
m1	1.3		BUC	14607472
MLv	1.5 0.1	2	BUD	14725723

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.23	254.2	Pg	09:38:10.524	-0.1				T__		20.3	0.3		---	MLv	1.4	14725725	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.23	254.2	Lg	09:38:14.425	-0.0				T__					---		14725726	FDSN	RO	--	BUD	iLoc	BHE	???	_	
SIRR	0.23	254.9	Sg	09:38:14.550	0.1				T__			0.2		---		14725727	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.68	47.0	Pg	09:38:20.269	1.0				T__					---		14725728	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.68	47.0	Lg	09:38:29.928	-0.5				T__					---		14725730	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.68	47.0	Sg	09:38:27.839	-2.6				T__					---		14725731	FDSN	RO	--	BUD	iLoc	BHN	???	_	
BZS	0.75	198.8	Pg	09:38:20.419	0.2				T__		3.2	0.0		---	MLv	1.5	14725732	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.75	198.8	Lg	09:38:30.681	-0.4				T__					---		14725733	FDSN	RO	--	BUD	iLoc	BHE	???	_	
BZS	0.76	199.9	Pb	09:38:20.687	0.3				T__					---		14725734	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.53	124.6	Pn	09:38:33.881	0.6				T__					---		14725736	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.53	124.6	Sn	09:38:54.885	-0.1				T__					---		14725738	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.56	187.1	Sn	09:38:54.776	-0.7				T__					---		14725739	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
2016/06/30	06:49:26.76	1.20	0.70	47.0838	18.0720	6.8	4.8	99	0.0A		10	5 130	0.22	1.00	m	ke BUD	14725744	iLoc				231

Magnitude	Err	Nsta	Author	OrigID
ML	1.4 0.1	5	BUD	14725744

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.22	214.5	Pg	06:49:30.878	-0.9				T__		12.6	1.2		---	MLv	2.0	14725746	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.22	214.5	Lg	06:49:36.230	0.5				T__					---		14725747	FDSN	HU	--	BUD	iLoc	SHN	???	_	
				(Station ML : 2.0 1																					
CSKK	0.31	24.6	Pg	06:49:32.785	-0.7				T__		12.0	2.2		---	MLv	2.5	14725748	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.31	24.6	Lg	06:49:39.177	0.5				T__					---		14725749	FDSN	HU	--	BUD	iLoc	SHN	???	_	
				(Station ML : 2.5 0																					
MPLH	0.37	283.6	Pg	06:49:35.203	0.5				T__		4.7	0.1		---	MLv	1.3	14725750	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.37	283.6	Lg	06:49:40.349	-0.5				T__					---		14725751	FDSN	HU	--	BUD	iLoc	BHE	???	_	
				(Station ML : 1.3 0																					
MORH	0.95	155.4	Pn	06:49:46.507	0.2				T__		1.3	0.0		---	MLv	1.3	14725752	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.95	155.4	Lg	06:50:00.918	0.6				T__					---		14725753	FDSN	HU	--	BUD	iLoc	BHN	???	_	
				(Station ML : 1.3 1																					
KOVH	1.00	178.9	Pg	06:49:47.177	0.3				T__		1.6	0.0		---	MLv	1.4	14725754	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.00	178.9	Lg	06:50:01.245	-0.8				T__					---		14725755	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
2016/06/30	08:00:19.04	1.25	0.60	48.6966	18.6459	7.7	3.6	47	1.8F	10.9	17	10 164	0.16	1.36	m	ke BUD	14725777	iLoc				179

Magnitude	Err	Nsta	Author	OrigID
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ML 1.9 0.2 8 BUD 14725777

Sta	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	0.16	312.0	Pg	08:00:22.349	-0.0					T__	34.3	0.7		___	MLv	1.6	14725779	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A332A	0.16	312.0	Lg	08:00:25.106	0.2					T__				___		14725780	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.6 1																									
VYHS	0.24	148.0	Pg	08:00:23.815	-0.2					T__	45.1	0.0		___	MLv	0.6	14725781	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.24	148.0	Lg	08:00:27.965	0.3					T__				___		14725782	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.6 0																									
A336A	0.52	153.0	Pg	08:00:30.107	0.6					T__	8.6	0.2		___	MLv	2.1	14725783	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.52	153.0	Lg	08:00:36.455	-0.7					T__				___		14725784	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Station ML : 2.1 1																									
A331A	0.53	328.5	Pg	08:00:30.043	0.6					T__	9.0	0.2		___	MLv	2.0	14725785	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.0 1																									
JAVC	0.67	284.5	Pg	08:00:32.391	0.0					T__	4.4	0.1		___	MLv	1.8	14725786	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.67	284.5	Lg	08:00:40.963	-1.1					T__				___		14725787	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 1																									
MODS	0.97	250.9	Pg	08:00:38.405	0.2					T__	3.6	45.3		___	MLv	4.7	14725788	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.97	250.9	Lg	08:00:52.006	-0.1					T__				___		14725789	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 4.7 0																									
PSZ	1.14	132.6	Pn	08:00:41.377	0.0					T__	2.9	0.0		___	MLv	1.7	14725790	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.14	132.6	Sn	08:00:57.679	-1.0					T__				___		14725791	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
ZST	1.14	244.6	Lg	08:00:57.787	-0.2					T__				___		14725792	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORC	1.30	326.6	Pn	08:00:43.466	0.1					T__	3.6	0.0		___	MLv	1.9	14725793	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	1.30	326.6	Lg	08:01:00.679	-0.3					T__				___		14725794	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1																									
CSKK	1.36	191.1	Sn	08:01:04.383	1.0					T__				___		14725795	FDSN	HU	--	BUD	iLoc	SHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/06/30	10:08:21.65	1.10	1.06	48.2276	18.7815	6.8	3.7	30	3.1F	11.4	18	10	90	0.15	1.75	m	ke BUD	14725829	iLoc			114

Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 6 BUD 14725829

Sta	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	0.15	87.7	Pg	10:08:25.154	0.4					T__	148.4	4.9		___	MLv	2.4	14725831	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.15	87.7	Lg	10:08:27.613	0.6					T__				___		14725832	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Station ML : 2.4 1																									
VYHS	0.27	7.8	Pg	10:08:27.395	0.2					T__	30.4	0.1		___	MLv	1.1	14725833	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.27	7.8	Lg	10:08:31.187	-0.1					T__				___		14725834	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.1 0																									
A335A	0.37	306.6	Pg	10:08:30.006	0.9					T__	16.7	0.3		___	MLv	1.8	14725835	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_
A335A	0.37	306.6	Lg	10:08:33.794	-0.9					T__				___		14725836	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.8 1																									
PSZ	0.81	112.1	Pg	10:08:39.326	0.7					T__	4.2	0.1		___	MLv	1.8	14725837	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.81	112.1	Lg	10:08:48.459	-2.6					T__				___		14725838	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
CSKK	0.93	202.3	Lg	10:08:53.781	-0.0					T__				___		14725839	FDSN	HU	--	BUD	iLoc	SHE	???	_	
JAVC	0.97	311.0	Pg	10:08:41.164	0.3					T__	3.5	0.1		___	MLv	2.0	14725840	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.97	311.0	Lg	10:08:55.808	1.0					T__				___		14725841	FDSN	CZ	--	BUD	iLoc	BHE	???	_	

JAVC	0.97	311.0	Pb	10:08:40.900	0.0	T__									14725842	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	0.97	311.0	Sg	10:08:54.100	-0.7	T__									14725843	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.0 1																							
MODS	1.02	278.8	Pg	10:08:41.600	-0.2	T__	6.1	67.1					MLv	4.9	14725844	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	1.02	278.8	Lg	10:08:55.092	-1.5	T__									14725845	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 4.9 0																							
ZST	1.12	269.0	Sn	10:09:00.462	0.6	T__									14725846	FDSN	SK	--	BUD	iLoc	HHE	???	_
MPLH	1.35	218.9	Sn	10:09:06.786	1.4	T__									14725847	FDSN	HU	--	BUD	iLoc	BHE	???	_
MORC	1.75	332.7	Sn	10:09:15.358	-0.4	T__									14725848	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
2016/06/30	12:23:03.50	0.30		46.2340	16.3620	0.0	0.0		13.0F	3.2	45			1.06	5.53	a	ke BEO	14607510	ISC			360
2016/06/30	12:23:03.20		0.79	46.1900	16.2900				11.0A				2	0.99	4.53	a	ke CSEM	14607507	ISC			360
2016/06/30	12:23:04.10			46.1100	16.3800				10.0A							a	ke GFZ	14607516	ISC			360
2016/06/30	12:23:03.00		0.60	46.1800	16.2560				17.9A							a	ke LJU	14607504	ISC			360
2016/06/30	12:23:04.60	0.00		46.2300	16.2600				10.0A		19					a	ke PRU	14607519	ISC			360
2016/06/30	12:23:03.60	0.21		46.2240	16.3240	0.0	0.0		8.4F	1.9	53			0.39	4.53	a	ke RHSSO	14607513	ISC			360
2016/06/30	12:23:02.93	0.68	1.75	46.1831	16.3475	1.7	1.6	112	18.3F	5.0	266	131	19	0.09	6.13	m	ke BUD	14726249	iLoc			20

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		BEO	14607510
ml	3.2		CSEM	14607507
mb	3.3		GFZ	14607516
ML	2.8		LJU	14607504
ML	3.2		RHSSO	14607513
ML	3.3	0.2	34 BUD	14726249

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KALN	0.09	124.6	Pg	12:23:06.350	-0.7					T__						14726251	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.09	124.6	Lg	12:23:08.720	-1.4					T__						14726252	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.27	345.8	Pg	12:23:08.600	-0.7					T__		43.7				14726253	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.27	345.8	Lg	12:23:13.310	-0.6					T__						14726254	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.27	345.8	x	12:23:15.490	-99.0							975.0	0.16			14726255	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.27	345.8	Pb	12:23:09.166	-0.1					T__	460.3	43.7			MLv	3.7	14726256	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.27	345.8	Sg	12:23:13.435	-0.5					T__						14726257	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Station ML : 3.7 0																									
PTJ	0.38	223.9	Pg	12:23:10.244	-0.9					T__	222.3	4.5			MLv	3.0	14726258	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.38	223.9	Pb	12:23:10.000	-1.4					T__		4.5				14726259	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	0.38	223.9	Pg	12:23:10.360	-1.1											14726260	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	0.38	223.9	Lg	12:23:14.840	-3.0					T__						14726261	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.0 0																									
BEHE	0.41	45.8	Pg	12:23:11.300	-0.6					T__						14726262	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.41	45.8	Lg	12:23:18.300	-0.1					T__						14726263	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.41	45.8	Pb	12:23:12.889	1.0					T__	157.2	10.2			MLv	3.5	14726264	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.41	45.8	Sg	12:23:20.353	1.9					T__						14726265	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 3.5 1																									
ZAG	0.44	215.3	Pg	12:23:12.350	0.3					T__						14726266	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.44	215.3	Pb	12:23:15.400	3.3					T__		8.0				14726267	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.44	215.3	Lg	12:23:17.380	-1.4					T__						14726268	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.44	215.3	x	12:23:13.055	-99.0						30.0	8.0			MLv	14726269	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
ZAG	0.44	215.3	Sg	12:23:19.683	0.9					T__						14726270	FDSN	CR	--	BUD	iLoc	BHN	???	_	



GOLS	0.53	251.3	Pg	12:23:12.880	-1.0	T__				14726271	FDSN	IR	--	ISC	iLoc	???	???	_			
GOLS	0.53	251.3	Lg	12:23:20.370	-1.4	T__				14726272	FDSN	IR	--	ISC	iLoc	???	???	_			
GOLS	0.53	251.3	x	12:23:22.740	-99.0	---	781.0	0.27	---	14726273	FDSN	IR	--	ISC	iLoc	???	???	_			
GCIS	0.59	238.1	Pg	12:23:14.040	-0.8	T__				14726274	FDSN	IR	--	ISC	iLoc	???	???	_			
GCIS	0.59	238.1	Lg	12:23:20.680	-2.8	T__				14726275	FDSN	IR	--	ISC	iLoc	???	???	_			
GCIS	0.59	238.1	x	12:23:25.370	-99.0	---	280.0	0.18	---	14726276	FDSN	IR	--	ISC	iLoc	???	???	_			
DOBS	0.61	267.2	Pg	12:23:14.070	-1.1	T__				14726277	FDSN	IR	--	ISC	iLoc	???	???	_			
DOBS	0.61	267.2	Lg	12:23:22.410	-1.5	T__				14726278	FDSN	IR	--	ISC	iLoc	???	???	_			
DOBS	0.61	267.2	x	12:23:23.360	-99.0	---	397.0	0.11	---	14726279	FDSN	IR	--	ISC	iLoc	???	???	_			
MOSL	0.64	153.3	Pg	12:23:15.990	-0.0	T__				14726280	FDSN	IR	--	ISC	iLoc	???	???	_			
MOSL	0.64	153.3	Lg	12:23:24.270	-1.1	T__				14726281	FDSN	IR	--	ISC	iLoc	???	???	_			
CESS	0.65	251.5	Pg	12:23:15.190	-0.7	T__				14726282	FDSN	IR	--	ISC	iLoc	???	???	_			
CESS	0.65	251.5	Lg	12:23:24.180	-1.1	T__				14726283	FDSN	IR	--	ISC	iLoc	???	???	_			
CESS	0.65	251.5	x	12:23:25.930	-99.0	---	432.0	0.15	---	14726284	FDSN	IR	--	ISC	iLoc	???	???	_			
A264A	0.65	91.7	Pg	12:23:18.855	2.4	T__	51.9	8.9	---	MLv	3.8	14726285	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A264A	0.65	91.7	Sn	12:23:30.608	2.9	T__			---			14726286	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Station ML : 3.8 0)																					
A021A	0.68	328.0	Pg	12:23:16.070	-0.2	T__						14726287	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
A021A	0.68	328.0	Pb	12:23:18.244	1.9	T__						14726288	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
A021A	0.68	328.0	Lg	12:23:29.182	3.4	T__						14726289	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A262A	0.69	10.3	Pg	12:23:19.059	2.1	T__	32.6	3.0	---	MLv	3.4	14726290	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A262A	0.69	10.3	Sn	12:23:30.065	1.7	T__			---			14726291	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Station ML : 3.4 1)																					
CRES	0.72	240.4	Pg	12:23:16.122	-1.0	T__	132.5	4.8	---	MLv	3.6	14726292	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	0.72	240.4	Pb	12:23:16.000	-1.1	T__			---			14726293	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.72	240.4	Pg	12:23:16.300	-0.8	---			---			14726294	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.72	240.4	Lg	12:23:27.400	0.0	T__			---			14726295	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.72	240.4	x	12:23:30.510	-99.0	---	134.0	0.10	---			14726296	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.6 1)																					
LEGS	0.75	252.3	Pg	12:23:16.890	-0.9	T__						14726297	FDSN	IR	--	ISC	iLoc	???	???	_	
LEGS	0.75	252.3	Lg	12:23:27.660	-0.8	T__						14726298	FDSN	IR	--	ISC	iLoc	???	???	_	
A263A	0.81	55.3	Pn	12:23:19.942	1.1	T__	48.4	7.9	---	MLv	3.8	14726299	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 3.8 0)																					
OZLJ	0.84	227.6	Pg	12:23:18.420	-0.8	T__						14726300	FDSN	IR	--	ISC	iLoc	???	???	_	
OZLJ	0.84	227.6	Lg	12:23:29.060	-1.9	T__						14726301	FDSN	IR	--	ISC	iLoc	???	???	_	
A010A	0.91	348.4	Pn	12:23:20.826	0.7	T__	22.1	2.4	---	MLv	3.4	14726302	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 3.4 1)																					
PDKS	0.95	263.1	Pg	12:23:20.370	-0.9	T__						14726303	FDSN	IR	--	ISC	iLoc	???	???	_	
PDKS	0.95	263.1	Lg	12:23:32.720	-1.7	T__						14726304	FDSN	IR	--	ISC	iLoc	???	???	_	
PDKS	0.95	263.1	x	12:23:36.810	-99.0	---	187.0	0.23	---			14726305	FDSN	IR	--	ISC	iLoc	???	???	_	
A261A	0.95	35.4	Pn	12:23:22.694	1.9	T__	27.6	2.5	---	MLv	3.4	14726306	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 3.4 1)																					
PERS	0.96	298.4	Pg	12:23:20.340	-1.2	T__						14726307	FDSN	IR	--	ISC	iLoc	???	???	_	
PERS	0.96	298.4	Lg	12:23:32.820	-1.9	T__						14726308	FDSN	IR	--	ISC	iLoc	???	???	_	
PERS	0.96	298.4	x	12:23:36.230	-99.0	---	586.0	0.24	---			14726309	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	1.02	228.8	Pg	12:23:21.800	-1.0	T__						14726310	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	1.02	228.8	Pb	12:23:21.900	-0.9	T__						14726311	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	1.02	228.8	Pb	12:23:22.000	-0.9	T__						14726312	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	1.02	228.8	Lg	12:23:36.400	-0.4	T__						14726313	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	1.02	228.8	Lg	12:23:36.500	-0.4	T__						14726314	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	1.02	228.8	Sg	12:23:36.900	0.0	T__						14726315	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	1.02	228.8	x	12:23:39.260	-99.0	---	119.0	0.22	---			14726316	FDSN	IR	--	ISC	iLoc	???	???	_	
A265A	1.03	76.0	Pg	12:23:23.407	-0.2	T__	17.4	2.3	---	MLv	3.4	14726317	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	

A265A	1.03	76.0	Sn	12:23:38.897	2.3	T__				14726318	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
(Station ML	:	3.4	1																		
SOKA	1.04	299.0	Pg	12:23:21.474	-1.4	T__	56.4	36.5	0.24	---	14726319	FDSN	IR	--	ISC	iLoc	???	???	_		
SOKA	1.04	299.0	Lg	12:23:35.659	-1.4	T__		107.7	0.22	---	14726320	FDSN	IR	--	ISC	iLoc	???	???	_		
A020A	1.05	317.0	Pg	12:23:22.456	-0.7	T__	51.9	1.6		---	MLv	3.3	14726321	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	3.3	1																		
A251A	1.06	183.1	Pg	12:23:23.320	0.1	T__				---	14726322	FDSN	IR	--	ISC	iLoc	???	???	_		
A251A	1.06	183.1	Lg	12:23:37.710	-0.4	T__				---	14726323	FDSN	IR	--	ISC	iLoc	???	???	_		
A273A	1.06	104.1	Pg	12:23:24.086	-0.0	T__	6.9	1.9		---	MLv	3.4	14726324	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	3.4	1																		
VISS	1.12	250.7	Pg	12:23:23.160	-1.2	T__				---	14726325	FDSN	IR	--	ISC	iLoc	???	???	_		
VISS	1.12	250.7	x	12:23:41.830	-99.0	T__		119.0	0.23	---	14726326	FDSN	IR	--	ISC	iLoc	???	???	_		
A260A	1.13	12.5	Pg	12:23:25.173	-0.1	T__	9.6	1.4		---	MLv	3.3	14726327	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	1.13	12.5	Sn	12:23:40.731	1.7	T__				---	14726328	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML	:	3.3	1																		
VNDS	1.15	266.5	Pg	12:23:23.850	-1.0	T__				---	14726329	FDSN	IR	--	ISC	iLoc	???	???	_		
VNDS	1.15	266.5	Lg	12:23:38.970	-1.6	T__				---	14726330	FDSN	IR	--	ISC	iLoc	???	???	_		
VNDS	1.15	266.5	x	12:23:44.360	-99.0	T__		170.0	0.35	---	14726331	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.21	332.3	Pg	12:23:25.677	-0.7	T__	87.2	1.1		---	MLv	3.2	14726332	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.21	332.3	Sn	12:23:41.546	0.8	T__				---	14726333	FDSN	OE	--	BUD	iLoc	BHE	???	_		
ARSA	1.21	332.3	Pn	12:23:24.600	0.4	T__				---	14726334	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.21	332.3	Pb	12:23:25.200	-1.2	T__				---	14726335	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.21	332.3	Pg	12:23:25.364	-1.0	T__	67.4	36.6	0.28	---	14726336	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.21	332.3	x	12:23:25.500	-99.0	T__				---	14726337	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.21	332.3	Lg	12:23:40.200	-2.5	T__				---	14726338	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.21	332.3	Sg	12:23:40.900	-1.8	T__				---	14726339	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.21	332.3	Sb	12:23:43.083	0.3	T__		77.5	0.22	---	14726340	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML	:	3.2	1																		
KOVH	1.22	93.8	Pn	12:23:25.700	1.1	T__		1.7		---	14726341	FDSN	IR	--	ISC	iLoc	???	???	_		
KOVH	1.22	93.8	Pg	12:23:25.903	-1.4	T__	122.0	1.7		---	MLv	3.4	14726342	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.22	93.8	Sn	12:23:42.602	1.3	T__				---	14726343	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML	:	3.4	1																		
A051A	1.23	161.3	Pn	12:23:26.300	1.2	T__				---	14726344	FDSN	IR	--	ISC	iLoc	???	???	_		
A051A	1.23	161.3	Sn	12:23:44.600	2.4	T__				---	14726345	FDSN	IR	--	ISC	iLoc	???	???	_		
PRIJ	1.24	167.9	Pg	12:23:26.700	-0.1	T__				---	14726346	FDSN	IR	--	ISC	iLoc	???	???	_		
PRIJ	1.24	167.9	Lg	12:23:44.800	1.1	T__				---	14726347	FDSN	IR	--	ISC	iLoc	???	???	_		
GBRS	1.26	239.3	Pn	12:23:26.090	0.9	T__				---	14726348	FDSN	IR	--	ISC	iLoc	???	???	_		
LJU	1.27	264.4	Pn	12:23:25.900	0.7	T__				---	14726349	FDSN	IR	--	ISC	iLoc	???	???	_		
LJU	1.27	264.4	Pg	12:23:26.060	-1.0	T__				---	14726350	FDSN	IR	--	ISC	iLoc	???	???	_		
LJU	1.27	264.4	Pg	12:23:26.100	-1.0	T__				---	14726351	FDSN	IR	--	ISC	iLoc	???	???	_		
LJU	1.27	264.4	Lg	12:23:43.400	-1.1	T__				---	14726352	FDSN	IR	--	ISC	iLoc	???	???	_		
LJU	1.27	264.4	Sg	12:23:44.500	0.0	T__				---	14726353	FDSN	IR	--	ISC	iLoc	???	???	_		
LJU	1.27	264.4	x	12:23:46.290	-99.0	T__		38.0	0.13	---	14726354	FDSN	IR	--	ISC	iLoc	???	???	_		
TIH	1.28	55.4	Pn	12:23:26.857	1.5	T__	26.5	3.2		---	MLv	3.7	14726355	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML	:	3.7	0																		
MPLH	1.28	39.3	Pn	12:23:26.901	1.5	T__	45.5	0.8		---	MLv	3.1	14726356	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.28	39.3	Pg	12:23:27.200	-1.0	T__				---	14726357	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML	:	3.1	1																		
TIH	1.29	55.5	Pg	12:23:28.600	0.4	T__		3.2		---	14726358	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML	:	3.7	0																		
OBKA	1.29	285.3	Pn	12:23:26.100	0.6	T__				---	14726359	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.29	285.3	Pg	12:23:26.400	-1.1	T__				---	14726360	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.29	285.3	Sn	12:23:43.405	0.3	T__		149.6	0.38	---	14726361	FDSN	IR	--	ISC	iLoc	???	???	_		

OBKA	1.29	285.3	Lg	12:23:44.200	-0.8	T__					14726362	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.29	285.3	Pb	12:23:26.235	-1.3	T__	43.6	0.6	---	MLv	3.0	14726363	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.29	285.3	Sg	12:23:42.670	-2.4	T__			---			14726364	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Station ML : 3.0 0)																				
A252A	1.29	124.9	Pg	12:23:27.860	-0.8	T__			---			14726365	FDSN	IR	--	ISC	iLoc	???	???	_
A252A	1.29	124.9	Sn	12:23:45.250	2.2	T__			---			14726366	FDSN	IR	--	ISC	iLoc	???	???	_
MOZS	1.33	275.5	Pn	12:23:27.030	1.0	T__			---			14726367	FDSN	IR	--	ISC	iLoc	???	???	_
MOZS	1.33	275.5	x	12:23:50.570	-99.0	---		42.9	0.19	---		14726368	FDSN	IR	--	ISC	iLoc	???	???	_
GBAS	1.35	260.1	Pn	12:23:27.210	0.9	T__			---			14726369	FDSN	IR	--	ISC	iLoc	???	???	_
GBAS	1.35	260.1	x	12:23:47.740	-99.0	---		41.2	0.18	---		14726370	FDSN	IR	--	ISC	iLoc	???	???	_
A052A	1.36	142.5	Pn	12:23:28.000	1.5	T__			---			14726371	FDSN	IR	--	ISC	iLoc	???	???	_
A052A	1.36	142.5	Lg	12:23:48.100	0.5	T__			---			14726372	FDSN	IR	--	ISC	iLoc	???	???	_
A266A	1.37	74.8	Pn	12:23:27.959	1.4	T__	13.3	1.7	---	MLv	3.5	14726373	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.5 1)																				
PLIT	1.40	201.6	Pn	12:23:29.140	1.7	T__			---			14726374	FDSN	IR	--	ISC	iLoc	???	???	_
PLIT	1.40	201.6	Sn	12:23:47.200	1.1	T__			---			14726375	FDSN	IR	--	ISC	iLoc	???	???	_
EGYH	1.41	28.4	Pg	12:23:29.255	-1.3	T__	14.9	1.5	---	MLv	3.5	14726376	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	1.41	28.4	Pb	12:23:32.600	2.0	T__			---			14726377	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 3.5 1)																				
CEY	1.41	252.3	Pn	12:23:28.000	0.8	T__			---			14726378	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	1.41	252.3	Pg	12:23:28.370	-1.2	T__			---			14726379	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	1.41	252.3	Pg	12:23:28.400	-1.2	T__			---			14726380	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	1.41	252.3	Sn	12:23:48.400	2.0	T__			---			14726381	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	1.41	252.3	Lg	12:23:48.800	-0.0	T__			---			14726382	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	1.41	252.3	x	12:23:52.410	-99.0	---		80.7	0.24	---		14726383	FDSN	IR	--	ISC	iLoc	???	???	_
CRNS	1.45	266.7	Pn	12:23:28.980	1.2	T__			---			14726384	FDSN	IR	--	ISC	iLoc	???	???	_
CRNS	1.45	266.7	x	12:23:53.000	-99.0	---		53.2	0.15	---		14726385	FDSN	IR	--	ISC	iLoc	???	???	_
A250A	1.49	223.0	Pn	12:23:30.690	2.0	T__			---			14726386	FDSN	IR	--	ISC	iLoc	???	???	_
A250A	1.49	223.0	Sn	12:23:50.250	2.0	T__			---			14726387	FDSN	IR	--	ISC	iLoc	???	???	_
A009A	1.51	353.4	Pn	12:23:30.473	2.0	T__	38.4	0.8	---	MLv	3.2	14726388	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A009A	1.51	353.4	Lg	12:23:53.231	0.6	T__			---			14726389	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 3.2 1)																				
SOP	1.51	5.4	Sn	12:23:49.087	0.8	T__			---			14726390	FDSN	HU	--	BUD	iLoc	BHE	???	_
BLY	1.51	156.9	Pn	12:23:30.916	2.1	T__	49.3	0.9	---	MLv	3.3	14726391	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.3 1)																				
RONA	1.52	358.7	Pn	12:23:30.668	1.9	T__	45.9	2.8	0.18	---		14726392	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	1.52	358.7	Pg	12:23:32.913	0.1	T__		37.4	0.22	---		14726393	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	1.52	358.7	Lg	12:23:53.446	0.1	T__		71.6	0.36	---		14726394	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.55	157.4	Pg	12:23:32.100	-0.8	T__			---			14726395	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.55	157.4	Pb	12:23:32.200	-0.7	T__			---			14726396	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.55	157.4	x	12:23:33.000	-99.0	---			---			14726397	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.55	157.4	Lg	12:23:53.100	-0.8	T__			---			14726398	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.55	157.4	Sg	12:23:53.600	-0.3	T__			---			14726399	FDSN	IR	--	ISC	iLoc	???	???	_
RIY	1.56	237.3	Pn	12:23:31.210	1.8	T__			---			14726400	FDSN	IR	--	ISC	iLoc	???	???	_
RIY	1.56	237.3	Pg	12:23:32.000	-0.7	T__			---			14726401	FDSN	IR	--	ISC	iLoc	???	???	_
RIY	1.56	237.3	Sn	12:23:52.060	2.3	T__			---			14726402	FDSN	IR	--	ISC	iLoc	???	???	_
RIY	1.56	237.3	Lg	12:23:53.500	-0.1	T__			---			14726403	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.59	88.0	Pn	12:23:30.337	0.7	T__			---			14726404	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.59	88.0	Pg	12:23:30.600	-3.6	T__			---			14726405	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.59	88.0	Pb	12:23:30.900	-3.3	T__			---			14726406	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.59	88.0	Pn	12:23:32.100	2.5	---			---			14726407	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.59	88.0	Sn	12:23:51.100	0.9	T__			---			14726408	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.59	88.0	Lg	12:23:52.466	-3.8	T__			---			14726409	FDSN	IR	--	ISC	iLoc	???	???	_

MORH	1.59	88.0	Sg	12:23:53.400	-2.9	T__					14726410	FDSN	IR	--	ISC	iLoc	???	???	-		
MORH	1.60	88.0	x	12:23:31.001	-99.0	---	45.5	0.5	---	MLv		14726411	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-	
A268A	1.65	40.4	Pn	12:23:32.035	1.6	T__	18.7	0.5	---	MLv	3.1	14726412	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	-	
(Station ML : 3.1 1																					
UDBI	1.71	194.2	Pn	12:23:33.550	1.6	T__						14726413	FDSN	IR	--	ISC	iLoc	???	???	-	
UDBI	1.71	194.2	Sn	12:23:55.140	1.2	T__						14726414	FDSN	IR	--	ISC	iLoc	???	???	-	
A050A	1.71	175.6	Pn	12:23:33.500	1.6	T__						14726415	FDSN	IR	--	ISC	iLoc	???	???	-	
A050A	1.71	175.6	Sn	12:23:56.200	2.3	T__						14726416	FDSN	IR	--	ISC	iLoc	???	???	-	
SKDS	1.75	249.5	Pn	12:23:34.300	2.2	T__						14726417	FDSN	IR	--	ISC	iLoc	???	???	-	
SKDS	1.75	249.5	Sn	12:23:56.600	1.9	T__						14726418	FDSN	IR	--	ISC	iLoc	???	???	-	
CSKK	1.77	47.4	Pg	12:23:38.100	0.7	T__						14726419	FDSN	IR	--	ISC	iLoc	???	???	-	
CSKK	1.77	47.4	Pb	12:23:38.480	1.1	T__	10.4	3.3	---	MLv	4.0	14726420	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	-	
(Station ML : 4.0 0																					
CONA	1.78	349.4	Pn	12:23:33.935	1.6	T__	27.1	0.3	---	MLv	3.0	14726421	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	-	
CONA	1.78	349.4	Pg	12:23:36.000	-1.7	T__						14726422	FDSN	IR	--	ISC	iLoc	???	???	-	
CONA	1.78	349.4	Pb	12:23:38.295	0.6	T__		45.1	0.34	---		14726423	FDSN	IR	--	ISC	iLoc	???	???	-	
CONA	1.78	349.4	Lg	12:24:03.553	2.0	T__		57.8	0.44	---		14726424	FDSN	IR	--	ISC	iLoc	???	???	-	
(Station ML : 3.0 0																					
RABC	1.81	218.1	Pn	12:23:34.770	1.7	T__						14726425	FDSN	IR	--	ISC	iLoc	???	???	-	
RABC	1.81	218.1	Sn	12:23:57.100	1.6	T__						14726426	FDSN	IR	--	ISC	iLoc	???	???	-	
MGRS	1.84	163.3	Pn	12:23:35.800	2.3	T__						14726427	FDSN	IR	--	ISC	iLoc	???	???	-	
MGRS	1.84	163.3	Sn	12:24:00.600	4.0	T__						14726428	FDSN	IR	--	ISC	iLoc	???	???	-	
SMRN	1.92	234.1	Pn	12:23:35.910	1.4	T__						14726429	FDSN	IR	--	ISC	iLoc	???	???	-	
SMRN	1.92	234.1	Sn	12:23:59.870	1.3	T__						14726430	FDSN	IR	--	ISC	iLoc	???	???	-	
MYKA	1.92	284.4	Pn	12:23:36.035	1.6	T__		5.9	0.20	---		14726431	FDSN	IR	--	ISC	iLoc	???	???	-	
NVLJ	1.93	213.2	Pn	12:23:36.450	1.7	T__						14726432	FDSN	IR	--	ISC	iLoc	???	???	-	
NVLJ	1.93	213.2	Sn	12:23:59.790	1.3	T__						14726433	FDSN	IR	--	ISC	iLoc	???	???	-	
A269A	2.02	43.0	Pn	12:23:37.368	1.9	T__	7.6	0.3	---	MLv	3.1	14726434	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	-	
(Station ML : 3.1 1																					
VIRC	2.10	206.3	Pn	12:23:38.990	1.6	T__						14726435	FDSN	IR	--	ISC	iLoc	???	???	-	
VIRC	2.10	206.3	Sn	12:24:04.500	1.4	T__						14726436	FDSN	IR	--	ISC	iLoc	???	???	-	
KIJV	2.18	178.9	Pn	12:23:40.040	1.4	T__						14726437	FDSN	IR	--	ISC	iLoc	???	???	-	
KIJV	2.18	178.9	Sn	12:24:07.960	2.6	T__						14726438	FDSN	IR	--	ISC	iLoc	???	???	-	
MOA	2.19	320.2	Pn	12:23:40.400	2.4	T__						14726439	FDSN	IR	--	ISC	iLoc	???	???	-	
MOA	2.19	320.2	Pg	12:23:40.591	-4.3	T__	13.2	6.1	0.22	---		14726440	FDSN	IR	--	ISC	iLoc	???	???	-	
MOA	2.19	320.2	Sn	12:24:06.100	0.9	T__						14726441	FDSN	IR	--	ISC	iLoc	???	???	-	
MOA	2.19	320.2	Lg	12:24:07.126	-7.1	T__		17.2	0.30	---		14726442	FDSN	IR	--	ISC	iLoc	???	???	-	
SRKY	2.19	164.4	Pn	12:23:40.800	2.0	T__						14726443	FDSN	IR	--	ISC	iLoc	???	???	-	
SRKY	2.19	164.4	Sn	12:24:09.000	3.3	T__						14726444	FDSN	IR	--	ISC	iLoc	???	???	-	
BRJN	2.23	235.9	Pn	12:23:40.200	1.1	T__						14726445	FDSN	IR	--	ISC	iLoc	???	???	-	
BRJN	2.23	235.9	Sn	12:24:07.860	1.1	T__						14726446	FDSN	IR	--	ISC	iLoc	???	???	-	
BUD	2.25	53.7	Pg	12:23:46.500	-1.5	T__						14726447	FDSN	IR	--	ISC	iLoc	???	???	-	
BUD	2.25	53.7	Pb	12:23:46.624	-1.3	T__	3.7	0.2	---	MLv	3.0	14726448	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-	
(Station ML : 3.0 1																					
KBA	2.25	294.5	Pn	12:23:40.695	1.4	T__		2.6	0.40	---		14726449	FDSN	IR	--	ISC	iLoc	???	???	-	
MODS	2.28	15.8	Pn	12:23:40.415	1.0	T__	7.8	88.4		---	MLv	5.7	14726450	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
MODS	2.28	15.8	Pg	12:23:50.000	2.7	T__						14726451	FDSN	IR	--	ISC	iLoc	???	???	-	
(Station ML : 5.7 0																					
MORI	2.36	191.3	Pn	12:23:42.760	1.4	T__						14726452	FDSN	IR	--	ISC	iLoc	???	???	-	
MORI	2.36	191.3	Sn	12:24:11.220	1.2	T__						14726453	FDSN	IR	--	ISC	iLoc	???	???	-	
DUGI	2.37	203.1	Pn	12:23:42.910	1.4	T__						14726454	FDSN	IR	--	ISC	iLoc	???	???	-	
DUGI	2.37	203.1	Sn	12:24:10.610	0.2	T__						14726455	FDSN	IR	--	ISC	iLoc	???	???	-	
BIOA	2.39	310.1	Pn	12:23:43.832	2.9	T__		10.7	0.24	---		14726456	FDSN	IR	--	ISC	iLoc	???	???	-	

BLJ	2.49	123.2	Sn	12:24:15.300	3.6	T__					14726457	FDSN	IR	--	ISC	iLoc	???	???	_	
ZIRJ	2.58	191.4	Pn	12:23:45.980	1.5	T__					14726458	FDSN	IR	--	ISC	iLoc	???	???	_	
ZIRJ	2.58	191.4	Sn	12:24:16.580	1.2	T__					14726459	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	2.64	111.7	Pn	12:23:41.936	-2.3	T__					14726460	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	2.64	111.7	Pg	12:23:45.400	-7.6	---		0.3			14726461	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	2.64	111.7	Pb	12:23:45.900	-7.1	---					14726462	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	2.64	111.7	Sn	12:24:14.886	-0.8	T__					14726463	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	2.64	111.7	Lg	12:24:17.400	-11.5	---					14726464	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	2.64	111.7	Sg	12:24:18.300	-10.6	---					14726465	FDSN	IR	--	ISC	iLoc	???	???	_	
ABTA	2.71	283.4	Pn	12:23:48.471	2.9	T__		6.8	0.48		14726466	FDSN	IR	--	ISC	iLoc	???	???	_	
ABTA	2.71	283.4	Lg	12:24:32.235	2.8	T__		22.0	0.58		14726467	FDSN	IR	--	ISC	iLoc	???	???	_	
RICI	2.75	168.0	Pn	12:23:48.450	1.7	T__					14726468	FDSN	IR	--	ISC	iLoc	???	???	_	
RICI	2.75	168.0	Sn	12:24:20.820	1.3	T__					14726469	FDSN	IR	--	ISC	iLoc	???	???	_	
TEKS	2.77	124.9	Pn	12:23:47.200	0.9	T__					14726470	FDSN	IR	--	ISC	iLoc	???	???	_	
TEKS	2.77	124.9	Sn	12:24:20.100	1.1	T__					14726471	FDSN	IR	--	ISC	iLoc	???	???	_	
TEKS	2.77	124.9	Lg	12:24:22.700	-9.5	---					14726472	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	2.82	18.0	Pn	12:23:49.235	2.1	T__	5.1	0.1			14726473	FDSN	CZ	--	BUD	iLoc	BHN	BHZ	_	
JAVC	2.82	18.0	Pg	12:23:48.900	-8.7	---					14726474	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.0 1																				
VYHS	2.87	35.3	Pn	12:23:48.938	1.4	T__	4.4	0.0			14726475	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	2.87	35.3	Pg	12:23:53.500	-5.4	---					14726476	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.2 0																				
KRUC	2.88	0.6	Pn	12:23:48.800	1.3	T__					14726477	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	2.88	0.6	Sn	12:24:22.600	0.9	T__					14726478	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	2.88	0.6	Pg	12:23:49.336	-8.5	---	7.2	0.1			14726479	FDSN	CZ	--	BUD	iLoc	BHN	BHZ	_	
(Station ML : 3.1 1																				
MAKA	2.93	170.4	Pn	12:23:51.140	1.7	T__					14726480	FDSN	IR	--	ISC	iLoc	???	???	_	
MAKA	2.93	170.4	Sn	12:24:25.870	1.8	T__					14726481	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	2.98	333.1	Pn	12:23:51.500	2.7	T__					14726482	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	2.98	333.1	Pg	12:23:57.700	-1.5	T__					14726483	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	2.98	53.1	Pn	12:23:49.882	0.5	T__	5.0	0.1			14726484	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	2.98	53.1	Pg	12:24:00.300	-2.8	T__					14726485	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	2.98	53.1	Sn	12:24:25.355	0.5	T__					14726486	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.0 0																				
HVAR	3.01	178.6	Pn	12:23:51.790	1.1	T__					14726487	FDSN	IR	--	ISC	iLoc	???	???	_	
HVAR	3.01	178.6	Sn	12:24:27.200	1.0	T__					14726488	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	3.13	2.9	Pn	12:23:52.300	1.2	T__					14726489	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	3.13	2.9	Pg	12:23:52.330	-10.1	---					14726490	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	3.13	2.9	Sn	12:24:27.900	0.2	T__					14726491	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	3.13	2.9	Pb	12:23:52.541	-9.9	---	2.7	0.1			14726492	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 3.0 0																				
BBLs	3.17	135.8	Pn	12:23:53.500	1.4	T__					14726493	FDSN	IR	--	ISC	iLoc	???	???	_	
BBLs	3.17	135.8	Pg	12:23:53.700	-10.4	---					14726494	FDSN	IR	--	ISC	iLoc	???	???	_	
BBLs	3.17	135.8	Pb	12:23:54.500	-9.6	---		0.6			14726495	FDSN	IR	--	ISC	iLoc	???	???	_	
BBLs	3.17	135.8	x	12:23:58.100	-99.0	---					14726496	FDSN	IR	--	ISC	iLoc	???	???	_	
BBLs	3.17	135.8	Sn	12:24:31.200	2.5	T__					14726497	FDSN	IR	--	ISC	iLoc	???	???	_	
BBLs	3.17	135.8	Lg	12:24:32.500	-11.7	---					14726498	FDSN	IR	--	ISC	iLoc	???	???	_	
DIVS	3.32	127.7	Pn	12:23:55.200	1.2	T__					14726499	FDSN	IR	--	ISC	iLoc	???	???	_	
DIVS	3.32	127.7	Pg	12:23:55.700	-10.7	---					14726500	FDSN	IR	--	ISC	iLoc	???	???	_	
DIVS	3.32	127.7	Pb	12:23:55.900	-10.5	---					14726501	FDSN	IR	--	ISC	iLoc	???	???	_	
DIVS	3.32	127.7	Sn	12:24:34.800	2.5	T__					14726502	FDSN	IR	--	ISC	iLoc	???	???	_	
DIVS	3.32	127.7	Lg	12:24:35.700	-13.2	---					14726503	FDSN	IR	--	ISC	iLoc	???	???	_	
RUDO	3.35	139.0	Pn	12:23:55.700	1.3	T__					14726504	FDSN	IR	--	ISC	iLoc	???	???	_	

RUDO	3.35	139.0	Sn	12:24:36.300	3.6	T__						14726505	FDSN	IR	--	ISC	iLoc	???	???	_		
WTTA	3.42	290.1	Pn	12:23:57.436	1.8	T__		1.2	0.14	---			14726506	FDSN	IR	--	ISC	iLoc	???	???	_	
LSTV	3.44	173.3	Pn	12:23:57.910	1.0	T__				---			14726507	FDSN	IR	--	ISC	iLoc	???	???	_	
LSTV	3.44	173.3	Sn	12:24:37.610	0.0	T__				---			14726508	FDSN	IR	--	ISC	iLoc	???	???	_	
STON	3.45	163.2	Pn	12:23:58.350	1.8	T__				---			14726509	FDSN	IR	--	ISC	iLoc	???	???	_	
STON	3.45	163.2	Pg	12:23:58.600	-10.7	---				---			14726510	FDSN	IR	--	ISC	iLoc	???	???	_	
STON	3.45	163.2	Pb	12:23:58.700	-10.6	---				---			14726511	FDSN	IR	--	ISC	iLoc	???	???	_	
STON	3.45	163.2	Sn	12:24:38.410	1.5	T__				---			14726512	FDSN	IR	--	ISC	iLoc	???	???	_	
STON	3.45	163.2	Lg	12:24:39.000	-16.3	---				---			14726513	FDSN	IR	--	ISC	iLoc	???	???	_	
STON	3.45	163.2	Sg	12:24:39.700	-15.6	---				---			14726514	FDSN	IR	--	ISC	iLoc	???	???	_	
TRUS	3.47	122.9	Pn	12:23:57.800	1.8	T__				---			14726515	FDSN	IR	--	ISC	iLoc	???	???	_	
TRUS	3.47	122.9	Sn	12:24:37.100	1.3	T__				---			14726516	FDSN	IR	--	ISC	iLoc	???	???	_	
WATA	3.48	291.1	Pn	12:23:58.577	2.2	T__		1.1	0.14	---			14726517	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	3.49	328.6	Pn	12:23:58.700	2.8	T__				---			14726518	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	3.49	328.6	Sn	12:24:38.500	1.7	T__				---			14726519	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	3.49	328.6	Lg	12:24:51.500	-3.3	T__		27.4	0.80	---			14726520	FDSN	IR	--	ISC	iLoc	???	???	_	
UPM	3.49	147.6	Pn	12:23:59.000	1.9	T__				---			14726521	FDSN	IR	--	ISC	iLoc	???	???	_	
BRY	3.64	153.7	Pn	12:24:01.000	1.7	T__				---			14726522	FDSN	IR	--	ISC	iLoc	???	???	_	
MORC	3.68	12.1	Pn	12:24:01.293	2.4	T__	3.7	0.0		---	MLv	3.2	14726523	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
MORC	3.68	12.1	Pg	12:24:00.568	-11.9	---				---			14726524	FDSN	IR	--	ISC	iLoc	???	???	_	
MORC	3.68	12.1	Pb	12:24:00.900	-11.6	---				---			14726525	FDSN	IR	--	ISC	iLoc	???	???	_	
MORC	3.68	12.1	Sn	12:24:41.600	0.2	T__				---			14726526	FDSN	IR	--	ISC	iLoc	???	???	_	
MORC	3.68	12.1	Lg	12:24:44.346	-16.1	---				---			14726527	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.2 1																						
BZS	3.72	96.9	Pn	12:24:00.700	1.4	T__				---			14726528	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	3.72	96.9	Pg	12:24:00.969	-13.0	---				---			14726529	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	3.72	96.9	Pb	12:24:09.000	-5.0	---				---			14726530	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	3.74	96.8	x	12:24:00.825	-99.0	---	3.8	0.0		---	MLv			14726531	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DBRK	3.74	159.2	Pn	12:24:02.440	1.7	T__				---			14726532	FDSN	IR	--	ISC	iLoc	???	???	_	
DBRK	3.74	159.2	Sn	12:24:45.100	0.7	T__				---			14726533	FDSN	IR	--	ISC	iLoc	???	???	_	
TREB	3.75	156.8	Pn	12:24:02.900	2.2	T__				---			14726534	FDSN	IR	--	ISC	iLoc	???	???	_	
TREB	3.75	156.8	Pg	12:24:03.000	-11.4	---				---			14726535	FDSN	IR	--	ISC	iLoc	???	???	_	
TREB	3.75	156.8	Sn	12:24:46.000	1.7	T__				---			14726536	FDSN	IR	--	ISC	iLoc	???	???	_	
TREB	3.75	156.8	Lg	12:24:46.100	-18.2	---				---			14726537	FDSN	IR	--	ISC	iLoc	???	???	_	
GRUS	3.85	125.0	Pn	12:24:03.300	2.0	T__				---			14726538	FDSN	IR	--	ISC	iLoc	???	???	_	
GRUS	3.85	125.0	Sn	12:24:45.900	1.1	T__				---			14726539	FDSN	IR	--	ISC	iLoc	???	???	_	
SJES	3.90	137.2	Pn	12:24:03.900	1.6	T__				---			14726540	FDSN	IR	--	ISC	iLoc	???	???	_	
SJES	3.90	137.2	Pg	12:24:04.700	-13.0	---				---			14726541	FDSN	IR	--	ISC	iLoc	???	???	_	
SJES	3.90	137.2	Sn	12:24:49.000	2.4	T__				---			14726542	FDSN	IR	--	ISC	iLoc	???	???	_	
SJES	3.90	137.2	Lg	12:24:50.200	-16.7	---				---			14726543	FDSN	IR	--	ISC	iLoc	???	???	_	
FETA	3.96	284.2	Pn	12:24:07.270	4.0	T__		1.5	0.26	---			14726544	FDSN	IR	--	ISC	iLoc	???	???	_	
PRU	4.00	343.0	Pn	12:24:04.000	1.2	T__				---			14726545	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	4.03	108.5	Pn	12:24:00.944	-2.9	T__				---			14726546	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	4.03	108.5	Sn	12:24:47.386	-2.5	T__				---			14726547	FDSN	IR	--	ISC	iLoc	???	???	_	
HCY	4.04	156.8	Pn	12:24:06.400	1.6	T__				---			14726548	FDSN	IR	--	ISC	iLoc	???	???	_	
DPC	4.17	359.8	Pn	12:24:08.100	2.5	T__				---			14726549	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	4.44	79.8	Sn	12:24:59.600	-1.2	T__				---			14726550	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	4.46	104.8	Pn	12:24:06.933	-2.9	T__				---			14726551	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	4.46	104.8	Sn	12:24:56.833	-3.5	T__				---			14726552	FDSN	IR	--	ISC	iLoc	???	???	_	
DRME	4.49	151.9	Pn	12:24:12.200	1.3	T__				---			14726553	FDSN	IR	--	ISC	iLoc	???	???	_	
DRME	4.49	151.9	Sn	12:25:03.400	0.5	T__				---			14726554	FDSN	IR	--	ISC	iLoc	???	???	_	
SELS	4.51	129.4	Sn	12:25:02.100	0.9	T__				---			14726555	FDSN	IR	--	ISC	iLoc	???	???	_	
BOVS	4.58	121.9	Pn	12:24:12.400	0.9	T__				---			14726556	FDSN	IR	--	ISC	iLoc	???	???	_	

BOVS	4.58	121.9	Pg	12:24:12.471	-16.9	---										14726557	FDSN	IR	--	ISC	iLoc	???	???	_
DAVA	4.58	286.3	Pn	12:24:13.616	1.7	T__					2.0	0.22	---			14726558	FDSN	IR	--	ISC	iLoc	???	???	_
ZAGS	4.80	117.5	Pn	12:24:15.200	0.6	T__							---			14726559	FDSN	IR	--	ISC	iLoc	???	???	_
NKC	4.82	328.7	Pn	12:24:16.100	1.8	T__							---			14726560	FDSN	IR	--	ISC	iLoc	???	???	_
NKC	4.82	328.7	Sn	12:25:09.400	0.6	T__							---			14726561	FDSN	IR	--	ISC	iLoc	???	???	_
BRG	4.96	342.1	Pn	12:24:17.830	1.5	T__							---			14726562	FDSN	IR	--	ISC	iLoc	???	???	_
BRG	4.96	342.1	x	12:24:19.460	-99.0	---					3.7	0.46	---			14726563	FDSN	IR	--	ISC	iLoc	???	???	_
BRG	4.96	342.1	x	12:25:43.350	-99.0	---							---			14726564	FDSN	IR	--	ISC	iLoc	???	???	_
BRG	4.96	342.1	x	12:25:45.760	-99.0	---					10.2	0.36	---			14726565	FDSN	IR	--	ISC	iLoc	???	???	_
BARS	5.16	128.8	Pn	12:24:21.200	1.4	T__							---			14726566	FDSN	IR	--	ISC	iLoc	???	???	_
BARS	5.16	128.8	Sn	12:25:17.200	-0.0	T__							---			14726567	FDSN	IR	--	ISC	iLoc	???	???	_
BLKB	5.17	117.4	Sn	12:25:14.321	-3.6	T__							---			14726568	FDSN	IR	--	ISC	iLoc	???	???	_
ZAPS	5.34	120.8	Pn	12:24:23.300	1.0	T__							---			14726569	FDSN	IR	--	ISC	iLoc	???	???	_
ZAPS	5.34	120.8	Sn	12:25:21.400	-0.5	T__							---			14726570	FDSN	IR	--	ISC	iLoc	???	???	_
PRVS	5.51	129.8	Pn	12:24:26.000	1.2	T__							---			14726571	FDSN	IR	--	ISC	iLoc	???	???	_
PRVS	5.51	129.8	Sn	12:25:27.100	1.0	T__							---			14726572	FDSN	IR	--	ISC	iLoc	???	???	_
CLL	5.58	337.9	Pn	12:24:27.000	2.0	T__							---			14726573	FDSN	IR	--	ISC	iLoc	???	???	_
CLL	5.58	337.9	Sn	12:25:46.000	17.3	---							---			14726574	FDSN	IR	--	ISC	iLoc	???	???	_
CLL	5.58	337.9	Lg	12:26:03.200	1.3	T__					31.0	0.80	---			14726575	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	6.13	93.9	Pn	12:24:30.526	-3.4	T__							---			14726576	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
2016/06/30	17:49:08.40		0.72	46.1800	16.2700				5.0A				2	0.99	2.20	a	ke CSEM	14608156	ISC			360
2016/06/30	17:49:07.60		0.50	46.1880	16.2610				22.2A							a	ke LJU	14608153	ISC			360
2016/06/30	17:49:09.20	0.24		46.1670	16.2700	0.0	0.0		7.1F	2.5	26			0.46	1.84	a	ke RHSSO	14608159	ISC			360
2016/06/30	17:49:08.17	0.73	1.09	46.1637	16.2599	2.2	1.9	129	6.1F	2.1	130	62	30	0.14	5.58	m	ke BUD	14725874	iLoc			44

Magnitude	Err	Nsta	Author	OrigID
mb	2.4		CSEM	14608156
ML	2.0		LJU	14608153
ML	2.1		RHSSO	14608159
ML	2.6	0.4	14 BUD	14725874

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KALN	0.14	103.4	Pg	17:49:11.170	-0.4					T__						14725876	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.14	103.4	Lg	17:49:13.370	-1.0					T__						14725877	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.28	358.7	Pg	17:49:14.040	-0.0					T__						14725878	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.28	358.7	x	17:49:18.550	-99.0					---		153.0	0.10	---		14725879	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.28	358.7	Pb	17:49:13.771	-0.3					T__	74.6	6.2		---	MLv	2.9	14725880	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.28	358.7	Lg	17:49:18.121	-0.3					T__				---			14725881	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Station ML : 2.9 1																									
PTJ	0.33	218.5	Pg	17:49:15.594	0.8					T__	40.3	1.0		---	MLv	2.2	14725882	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.33	218.5	Lg	17:49:20.348	0.4					T__				---			14725883	FDSN	CR	--	BUD	iLoc	BHN	???	_
PTJ	0.33	218.5	Pb	17:49:15.340	0.2					T__				---			14725884	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	0.33	218.5	x	17:49:16.400	-99.0					---		1.0		---			14725885	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	0.33	218.5	Sg	17:49:19.910	-0.7					T__				---			14725886	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.2 1																									
ZAG	0.39	209.6	Pg	17:49:16.840	0.9					T__				---			14725887	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.39	209.6	Lg	17:49:22.340	0.4					T__				---			14725888	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.39	209.6	Pb	17:49:28.400	12.4					---				---			14725889	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.39	209.6	x	17:49:17.351	-99.0					---	9.3	1.7		---	MLv		14725890	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_

ZAG	0.39	209.6	Sg	17:49:22.959	1.0	T__					14725891	FDSN	CR	--	BUD	iLoc	BHE	???	_		
GOLS	0.47	251.1	Pg	17:49:17.790	0.3	T__					14725892	FDSN	IR	--	ISC	iLoc	???	???	_		
GOLS	0.47	251.1	Lg	17:49:25.060	0.3	T__					14725893	FDSN	IR	--	ISC	iLoc	???	???	_		
GOLS	0.47	251.1	x	17:49:27.840	-99.0	---		65.5	0.15		14725894	FDSN	IR	--	ISC	iLoc	???	???	_		
BEHE	0.47	49.2	Pg	17:49:20.100	2.2	T__		1.2			14725895	FDSN	IR	--	ISC	iLoc	???	???	_		
BEHE	0.47	49.2	Lg	17:49:24.900	-0.2	T__					14725896	FDSN	IR	--	ISC	iLoc	???	???	_		
BEHE	0.47	49.2	Pb	17:49:17.739	-0.1	T__	27.9		1.2		MLv	2.7	14725897	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.47	49.2	Sg	17:49:25.248	0.2	T__					14725898	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.7 1																					
GCIS	0.53	236.3	Pg	17:49:18.930	0.3	T__					14725899	FDSN	IR	--	ISC	iLoc	???	???	_		
DOBS	0.55	268.8	Pg	17:49:19.110	0.2	T__					14725900	FDSN	IR	--	ISC	iLoc	???	???	_		
DOBS	0.55	268.8	Lg	17:49:27.170	0.0	T__					14725901	FDSN	IR	--	ISC	iLoc	???	???	_		
DOBS	0.55	268.8	x	17:49:29.910	-99.0	---		38.2	0.09		14725902	FDSN	IR	--	ISC	iLoc	???	???	_		
CESS	0.59	251.3	Pg	17:49:20.080	0.4	T__					14725903	FDSN	IR	--	ISC	iLoc	???	???	_		
CESS	0.59	251.3	Lg	17:49:28.910	0.3	T__					14725904	FDSN	IR	--	ISC	iLoc	???	???	_		
CESS	0.59	251.3	x	17:49:30.780	-99.0	---		44.0	0.13		14725905	FDSN	IR	--	ISC	iLoc	???	???	_		
MOSL	0.65	147.7	Pg	17:49:20.930	-0.3	T__					14725906	FDSN	IR	--	ISC	iLoc	???	???	_		
MOSL	0.65	147.7	Lg	17:49:29.160	-1.9	T__					14725907	FDSN	IR	--	ISC	iLoc	???	???	_		
CRES	0.65	239.2	Pg	17:49:21.177	0.2	T__	16.6		0.7		MLv	2.7	14725908	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.65	239.2	Pb	17:49:20.900	-0.0	T__					14725909	FDSN	IR	--	ISC	iLoc	???	???	_		
CRES	0.65	239.2	x	17:49:22.900	-99.0	---			0.7		14725910	FDSN	IR	--	ISC	iLoc	???	???	_		
CRES	0.65	239.2	Lg	17:49:31.200	0.2	T__					14725911	FDSN	IR	--	ISC	iLoc	???	???	_		
CRES	0.65	239.2	x	17:49:34.480	-99.0	---		33.2	0.22		14725912	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.7 1																					
A021A	0.66	333.3	Pg	17:49:20.955	-0.1	T__	37.1		1.1		MLv	2.9	14725913	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A021A	0.66	333.3	Lg	17:49:30.109	-0.3	T__					14725914	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 2.9 1																					
LEGS	0.69	252.2	Pg	17:49:21.790	0.2	T__					14725915	FDSN	IR	--	ISC	iLoc	???	???	_		
LEGS	0.69	252.2	Lg	17:49:32.650	0.5	T__					14725916	FDSN	IR	--	ISC	iLoc	???	???	_		
A264A	0.72	90.0	Pg	17:49:22.773	0.1	T__	6.8		0.6		MLv	2.7	14725917	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.72	90.0	Sn	17:49:35.758	-0.9	T__					14725918	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 2.7 1																					
A262A	0.72	14.7	Lg	17:49:33.096	-0.1	T__					14725919	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
OZLJ	0.78	225.5	Pg	17:49:23.140	-0.1	T__					14725920	FDSN	IR	--	ISC	iLoc	???	???	_		
OZLJ	0.78	225.5	Lg	17:49:34.460	-0.5	T__					14725921	FDSN	IR	--	ISC	iLoc	???	???	_		
A263A	0.87	56.4	Pg	17:49:24.850	-0.8	T__	9.7		1.6		MLv	3.2	14725922	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.87	56.4	Lg	17:49:38.485	-0.0	T__					14725923	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 3.2 0																					
PDKS	0.88	263.8	Pg	17:49:25.300	0.1	T__					14725924	FDSN	IR	--	ISC	iLoc	???	???	_		
PDKS	0.88	263.8	Lg	17:49:37.430	-0.8	T__					14725925	FDSN	IR	--	ISC	iLoc	???	???	_		
PDKS	0.88	263.8	x	17:49:43.250	-99.0	---		15.5	0.13		14725926	FDSN	IR	--	ISC	iLoc	???	???	_		
A010A	0.92	352.3	Sn	17:49:40.238	-0.9	T__					14725927	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
PERS	0.92	301.3	Pg	17:49:25.340	-0.5	T__					14725928	FDSN	IR	--	ISC	iLoc	???	???	_		
PERS	0.92	301.3	Lg	17:49:37.550	-1.2	T__					14725929	FDSN	IR	--	ISC	iLoc	???	???	_		
PERS	0.92	301.3	x	17:49:41.580	-99.0	---		59.3	0.19		14725930	FDSN	IR	--	ISC	iLoc	???	???	_		
BOJS	0.97	227.2	Pg	17:49:26.700	-0.1	T__					14725931	FDSN	IR	--	ISC	iLoc	???	???	_		
BOJS	0.97	227.2	Pb	17:49:26.860	0.0	T__					14725932	FDSN	IR	--	ISC	iLoc	???	???	_		
BOJS	0.97	227.2	Lg	17:49:40.500	-0.3	T__					14725933	FDSN	IR	--	ISC	iLoc	???	???	_		
BOJS	0.97	227.2	Sg	17:49:40.640	-0.1	T__					14725934	FDSN	IR	--	ISC	iLoc	???	???	_		
BOJS	0.97	227.2	x	17:49:44.580	-99.0	---			9.2	0.14	14725935	FDSN	IR	--	ISC	iLoc	???	???	_		
SOKA	0.99	301.7	Pg	17:49:26.578	-0.6	T__	21.8		2.7	0.10	14725936	FDSN	IR	--	ISC	iLoc	???	???	_		
SOKA	0.99	301.7	Lg	17:49:40.411	-0.9	T__			3.9	0.08	14725937	FDSN	IR	--	ISC	iLoc	???	???	_		
A251A	1.04	179.7	Pg	17:49:28.250	0.2	T__					14725938	FDSN	IR	--	ISC	iLoc	???	???	_		



A251A	1.04	179.7	Lg	17:49:42.360	-0.4	T__				14725939	FDSN	IR	--	ISC	iLoc	???	???	_		
VISS	1.05	250.5	Pg	17:49:28.150	-0.2	T__				14725940	FDSN	IR	--	ISC	iLoc	???	???	_		
VISS	1.05	250.5	x	17:49:47.850	-99.0	---		11.5	0.21	14725941	FDSN	IR	--	ISC	iLoc	???	???	_		
VNDS	1.09	267.3	Pg	17:49:28.730	-0.1	T__				14725942	FDSN	IR	--	ISC	iLoc	???	???	_		
VNDS	1.09	267.3	Lg	17:49:44.040	-0.4	T__				14725943	FDSN	IR	--	ISC	iLoc	???	???	_		
VNDS	1.09	267.3	x	17:49:49.240	-99.0	---		21.2	0.24	14725944	FDSN	IR	--	ISC	iLoc	???	???	_		
GBRS	1.19	238.5	Pn	17:49:31.000	0.2	T__				14725945	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.20	335.3	Sn	17:49:46.215	-1.8	T__				14725946	FDSN	OE	--	BUD	iLoc	BHN	???	_		
ARSA	1.20	335.3	Pn	17:49:30.216	-0.4	T__	5.8	1.9	0.12	14725947	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.20	335.3	Pg	17:49:30.900	-0.6	T__				14725948	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.20	335.3	Lg	17:49:47.100	-1.0	T__				14725949	FDSN	IR	--	ISC	iLoc	???	???	_		
LJU	1.21	264.9	Pn	17:49:30.800	-0.1	T__				14725950	FDSN	IR	--	ISC	iLoc	???	???	_		
LJU	1.21	264.9	Lg	17:49:47.700	-0.6	T__				14725951	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.23	286.9	Pn	17:49:31.800	0.5	T__				14725952	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.23	286.9	Pg	17:49:32.086	0.4	T__	10.1	2.0	0.12	14725953	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.23	286.9	Pb	17:49:33.200	1.5	T__				14725954	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.23	286.9	Lg	17:49:49.100	-0.0	T__				14725955	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.23	286.9	x	17:49:32.249	-99.0	---	5.1	0.1		MLv	14725956	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
OBKA	1.23	286.9	Sg	17:49:48.048	-1.1	T__				14725957	FDSN	OE	--	BUD	iLoc	BHN	???	_		
A051A	1.24	158.2	Pn	17:49:31.700	0.0	T__				14725958	FDSN	IR	--	ISC	iLoc	???	???	_		
A051A	1.24	158.2	Sn	17:49:48.700	-1.1	T__				14725959	FDSN	IR	--	ISC	iLoc	???	???	_		
MOZS	1.27	276.6	Pn	17:49:32.090	0.4	T__				14725960	FDSN	IR	--	ISC	iLoc	???	???	_		
MOZS	1.27	276.6	x	17:49:55.300	-99.0	---		8.9	0.25	14725961	FDSN	IR	--	ISC	iLoc	???	???	_		
KOVH	1.28	92.7	Pn	17:49:30.999	-0.9	T__	9.3	0.1		MLv	2.3	14725962	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.28	92.7	Pg	17:49:38.000	4.3	T__				14725963	FDSN	IR	--	ISC	iLoc	???	???	_		
KOVH	1.28	92.7	Sn	17:49:48.378	-1.9	T__				14725964	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.3 1																				
GBAS	1.29	260.4	Pn	17:49:32.090	0.1	T__				14725965	FDSN	IR	--	ISC	iLoc	???	???	_		
A252A	1.33	122.7	Pn	17:49:32.250	-0.5	T__				14725966	FDSN	IR	--	ISC	iLoc	???	???	_		
A252A	1.33	122.7	Sn	17:49:49.630	-2.0	T__				14725967	FDSN	IR	--	ISC	iLoc	???	???	_		
MPLH	1.34	40.7	Pn	17:49:32.987	0.4	T__	8.4	0.1		MLv	2.3	14725968	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.34	40.7	Pg	17:49:35.200	0.6	T__				14725969	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.3 1																				
CEY	1.35	252.3	Pn	17:49:33.100	0.2	T__				14725970	FDSN	IR	--	ISC	iLoc	???	???	_		
CEY	1.35	252.3	Sn	17:49:52.400	0.0	T__				14725971	FDSN	IR	--	ISC	iLoc	???	???	_		
PLIT	1.36	199.4	Pn	17:49:33.230	-0.2	T__				14725972	FDSN	IR	--	ISC	iLoc	???	???	_		
PLIT	1.36	199.4	Sn	17:49:51.850	-0.8	T__				14725973	FDSN	IR	--	ISC	iLoc	???	???	_		
EGYH	1.45	30.1	Pn	17:49:34.135	-0.1	T__	2.6	0.1		MLv	2.5	14725974	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	1.45	30.1	Lg	17:49:55.932	-1.0	T__				14725975	FDSN	HU	--	BUD	iLoc	SHE	???	_		
(Station ML : 2.5 1																				
BLY	1.52	154.4	Pg	17:49:37.542	-0.3	T__	4.4	0.1		MLv	2.2	14725976	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																				
RONA	1.54	0.9	Pn	17:49:35.625	0.1	T__	8.2	0.6	0.12	---	14725977	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	1.54	0.9	Sn	17:49:57.279	0.5	T__	5.4	8.2	0.20	---	14725978	FDSN	IR	--	ISC	iLoc	???	???	_	
BLY	1.56	155.0	Pn	17:49:37.400	1.5	T__				14725979	FDSN	IR	--	ISC	iLoc	???	???	_		
BLY	1.56	155.0	Sn	17:49:58.300	1.3	T__				14725980	FDSN	IR	--	ISC	iLoc	???	???	_		
MORH	1.66	87.4	Pn	17:49:39.000	2.0	T__				14725981	FDSN	IR	--	ISC	iLoc	???	???	_		
MORH	1.66	87.4	Pg	17:49:43.300	2.6	T__				14725982	FDSN	IR	--	ISC	iLoc	???	???	_		
MORH	1.66	87.4	Sn	17:50:00.100	0.9	T__				14725983	FDSN	IR	--	ISC	iLoc	???	???	_		
MORH	1.66	87.3	Pb	17:49:35.897	-4.8	---	5.6	0.1		MLv	2.2	14725984	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 0																				
UDBI	1.67	192.2	Pn	17:49:37.550	-0.5	T__				14725985	FDSN	IR	--	ISC	iLoc	???	???	_		
UDBI	1.67	192.2	Sn	17:49:59.950	-0.7	T__				14725986	FDSN	IR	--	ISC	iLoc	???	???	_		

SKDS	1.69	249.3	Pn	17:49:39.100	1.4	T__									14725987	FDSN	IR	--	ISC	iLoc	???	???	_
SKDS	1.69	249.3	Sn	17:50:00.800	0.1	T__									14725988	FDSN	IR	--	ISC	iLoc	???	???	_
A050A	1.69	173.4	Pn	17:49:38.200	-0.0	T__									14725989	FDSN	IR	--	ISC	iLoc	???	???	_
A050A	1.69	173.4	Sn	17:50:00.800	-0.3	T__									14725990	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.79	351.4	Pn	17:49:40.666	1.6	T__	3.7	0.0		MLv	2.2				14725991	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.79	351.4	Pg	17:49:39.926	-3.2	T__		0.3	0.12						14725992	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.79	351.4	Pb	17:49:42.900	-0.2	T__									14725993	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.79	351.4	Sn	17:50:03.213	0.2	T__		0.1	0.10						14725994	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.2 0)																							
MGRS	1.84	161.3	Pn	17:49:40.900	0.9	T__									14725995	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.84	161.3	Sn	17:50:05.200	1.1	T__									14725996	FDSN	IR	--	ISC	iLoc	???	???	_
SMRN	1.86	233.4	Pn	17:49:40.710	0.5	T__									14725997	FDSN	IR	--	ISC	iLoc	???	???	_
SMRN	1.86	233.4	Sn	17:50:04.460	-0.2	T__									14725998	FDSN	IR	--	ISC	iLoc	???	???	_
NVLJ	1.88	212.0	Pn	17:49:41.800	1.2	T__									14725999	FDSN	IR	--	ISC	iLoc	???	???	_
NVLJ	1.88	212.0	Sn	17:50:04.930	0.1	T__									14726000	FDSN	IR	--	ISC	iLoc	???	???	_
VIRC	2.06	204.9	Pn	17:49:43.820	0.5	T__									14726001	FDSN	IR	--	ISC	iLoc	???	???	_
VIRC	2.06	204.9	Sn	17:50:09.580	0.0	T__									14726002	FDSN	IR	--	ISC	iLoc	???	???	_
KIJV	2.16	177.2	Pn	17:49:44.800	-0.1	T__									14726003	FDSN	IR	--	ISC	iLoc	???	???	_
KIJV	2.16	177.2	Sn	17:50:11.470	-1.0	T__									14726004	FDSN	IR	--	ISC	iLoc	???	???	_
BRJN	2.17	235.4	Pn	17:49:44.980	0.2	T__									14726005	FDSN	IR	--	ISC	iLoc	???	???	_
BRJN	2.17	235.4	Sn	17:50:12.420	-0.4	T__									14726006	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	2.17	321.7	Pn	17:49:45.828	1.6	T__			0.8	0.15					14726007	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	2.21	295.5	Pg	17:49:50.994	0.4	T__			2.0	0.28					14726008	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	2.32	17.0	Pn	17:49:45.821	-0.6	T__	1.7	21.6			MLv	5.1			14726009	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 5.1 0)																							
MORI	2.33	189.9	Pn	17:49:47.510	0.1	T__									14726010	FDSN	IR	--	ISC	iLoc	???	???	_
MORI	2.33	189.9	Sn	17:50:16.480	-0.3	T__									14726011	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	2.33	201.8	Pn	17:49:47.850	0.4	T__									14726012	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	2.33	201.8	Sn	17:50:16.420	-0.6	T__									14726013	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	2.55	190.1	Pn	17:49:50.430	-0.1	T__									14726014	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	2.55	190.1	Sn	17:50:21.700	-0.5	T__									14726015	FDSN	IR	--	ISC	iLoc	???	???	_
HVAR	2.99	177.3	Pn	17:49:55.410	-1.5	T__									14726016	FDSN	IR	--	ISC	iLoc	???	???	_
HVAR	2.99	177.3	Sn	17:50:31.610	-1.7	T__									14726017	FDSN	IR	--	ISC	iLoc	???	???	_
LSTV	3.42	172.2	Pn	17:50:02.290	-1.0	T__									14726018	FDSN	IR	--	ISC	iLoc	???	???	_
LSTV	3.42	172.2	Sn	17:50:41.880	-2.9	T__									14726019	FDSN	IR	--	ISC	iLoc	???	???	_
STON	3.45	162.1	Pn	17:50:02.560	-0.5	T__									14726020	FDSN	IR	--	ISC	iLoc	???	???	_
STON	3.45	162.1	Sn	17:50:42.980	-1.5	T__									14726021	FDSN	IR	--	ISC	iLoc	???	???	_
CLL	5.58	338.5	Lg	17:52:13.000	5.5	T__									14726022	FDSN	IR	--	ISC	iLoc	???	???	_
CLL	5.58	338.5	x	19:22:00.000	-99.0	---			100.0	21.40					14726023	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
2016/07/01	11:31:10.55	2.56	0.46	45.5065	17.7963	21.8	9.6	160	5.0A		7	4	242	0.62	1.67	m	ke BUD	14726765	iLoc			284

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.6	4 BUD	14726765

Sta	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	0.62	19.9	Pg	11:31:23.006	-0.1					T__	2.3	0.0		MLv	1.3	14726767	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.62	19.9	Lg	11:31:32.597	-0.0					T__						14726768	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.3 1)																								
MORH	0.92	39.6	Pn	11:31:28.876	-0.3					T__	3.0	0.0		MLv	1.6	14726769	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

MORH	0.92	39.6	Sn	11:31:44.307	0.7	T__	---	14726770	FDSN	HU	--	BUD	iLoc	BHE ???	_				
(Station ML : 1.6 1																			
BEHE	1.20	323.9	Pn	11:31:33.754	0.4	T__	2.2	0.1	---	MLv	2.3	14726771	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
BEHE	1.20	323.9	Sn	11:31:50.609	-0.4	T__	---	---	---	---	---	14726772	FDSN	HU	--	BUD	iLoc	BHE ???	_
(Station ML : 2.3 1																			
CRES	1.67	281.9	Pn	11:31:39.893	0.0	T__	2.0	0.1	---	MLv	2.4	14726773	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/07/02	06:28:12.04	0.66	0.58	46.6797	16.5491	4.5	2.1	120	4.0F	0.0	20	57	0.90	1.38	a	ke	VIE	14608604	ISC			360
2016/07/02	06:28:12.79	0.94	0.93	46.6983	16.5365	3.9	3.1	88	10.9F	6.2	31	14	88	0.17	1.56	m	ke	BUD	14726791	iLoc		106

Magnitude	Err	Nsta	Author	OrigID
mb	1.6		VIE	14608604
ml	1.8		VIE	14608604
ML	1.8	0.1	7 BUD	14726791

Sta	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	0.17	357.9	Pg	06:28:17.036	0.3					T__	6.5	0.4		---	MLv	1.4	14726793	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.17	357.9	Lg	06:28:20.341	0.6					T__	---	---		---	---	---	14726794	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Station ML : 1.4 0																									
BEHE	0.28	144.0	Pg	06:28:18.800	-0.2					T__	5.3	0.3		---	MLv	1.5	14726795	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.28	144.0	Lg	06:28:23.857	0.1					T__	---	---		---	---	---	14726796	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.5 1																									
KOGS	0.32	218.4	Pg	06:28:19.065	-0.5					T__	8.9	0.8		---	MLv	2.1	14726797	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.32	218.4	Lg	06:28:24.585	0.1					T__	---	---		---	---	---	14726798	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Station ML : 2.1 1																									
KALN	0.57	185.7	Pg	06:28:25.110	0.5					T__	---	---		---	---	---	14726799	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.57	185.7	Lg	06:28:34.110	0.8					T__	---	---		---	---	---	14726800	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	0.83	55.1	Pg	06:28:29.575	0.2					T__	4.4	0.1		---	MLv	1.7	14726801	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.83	55.1	Lg	06:28:42.304	1.0					T__	---	---		---	---	---	14726802	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.7 1																									
ARSA	0.89	308.9	Pg	06:28:30.712	0.6					T__	4.6	0.1		---	MLv	1.8	14726803	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.89	308.9	Lg	06:28:42.694	0.3					T__	---	---		---	---	---	14726804	FDSN	OE	--	BUD	iLoc	BHZ	???	_
ARSA	0.89	308.9	Pb	06:28:29.239	-0.9					T__	11.0	5.4	0.22	---	---	---	14726805	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.89	308.9	Sg	06:28:41.667	-0.7					T__	6.9	9.8	0.22	---	---	---	14726806	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.8 1																									
EGYH	0.90	36.8	Lg	06:28:44.780	1.4					T__	---	---		---	---	---	14726807	FDSN	HU	--	BUD	iLoc	SHE	???	_
RONA	1.02	350.8	Pn	06:28:31.721	-0.5					T__	6.0	1.8	0.12	---	---	---	14726808	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	1.02	350.8	Lg	06:28:45.754	-1.4					T__	---	1.8	0.14	---	---	---	14726809	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.04	269.4	Pg	06:28:31.594	-1.2					T__	6.9	1.2	0.16	---	---	---	14726810	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.04	269.4	Lg	06:28:45.830	-1.2					T__	---	3.9	0.22	---	---	---	14726811	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	1.10	172.0	Pn	06:28:34.710	1.1					T__	---	---	---	---	---	---	14726812	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	1.10	172.0	Lg	06:28:48.830	-1.0					T__	---	---	---	---	---	---	14726813	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	1.15	221.0	Pg	06:28:36.072	1.0					T__	2.1	0.1		---	MLv	2.1	14726814	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.15	221.0	Lg	06:28:50.717	-0.4					T__	---	---	---	---	---	---	14726815	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Station ML : 2.1 0																									
CONA	1.31	339.8	Sn	06:28:56.140	1.3					T__	---	---	---	---	---	---	14726816	FDSN	OE	--	BUD	iLoc	BHN	???	_
CONA	1.31	339.8	Pg	06:28:38.460	-0.2					T__	---	0.1	0.14	---	---	---	14726817	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.38	262.9	Pg	06:28:39.736	0.6					T__	2.2	0.0		---	MLv	1.8	14726818	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.38	262.9	Lg	06:28:58.802	0.7					T__	---	---	---	---	---	---	14726819	FDSN	OE	--	BUD	iLoc	BHN	???	_
OBKA	1.38	262.9	Pn	06:28:38.678	1.3					T__	---	1.5	0.32	---	---	---	14726820	FDSN	IR	--	ISC	iLoc	???	???	_

OBKA	1.38	262.9	Sg	06:28:59.034	1.0	T__	2.5	0.25	---	14726821	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML	: 1.8	1																	
A252A	1.56	143.7	Pn	06:28:39.870	-0.0	T__			---	14726822	FDSN	IR	--	ISC	iLoc	???	???	_	
A252A	1.56	143.7	Sn	06:28:58.660	-2.0	T__			---	14726823	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
2016/07/04	09:52:22.55	1.25	2.07	48.3093	21.2043	5.1	3.8	1	6.7F	10.2	25	15	73	0.51	2.41	m	ke BUD	14726862	iLoc			91

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	10 BUD	14726862

Sta	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	0.51	290.2	Pg	09:52:31.169	-1.6					T__	4.4	0.2		---	MLv	2.1	14726864	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.51	290.2	Lg	09:52:39.554	-0.9					T__				---		14726865	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML	: 2.1	1																							
CRVS	0.62	16.0	Pg	09:52:35.637	1.4					T__	6.7	0.0		---	MLv	1.2	14726866	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
CRVS	0.62	16.0	Lg	09:52:45.633	1.4					T__				---		14726867	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML	: 1.2	0																							
HOLU	0.82	74.1	Pg	09:52:36.601	-1.4					T__				---		14726868	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
HOLU	0.82	74.1	Lg	09:52:49.481	-2.1					T__				---		14726869	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
KOLS	0.94	48.2	Pg	09:52:40.257	-0.1					T__	9.8	21.0		---	MLv	4.3	14726870	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.94	48.2	Lg	09:52:55.174	-0.4					T__				---		14726871	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML	: 4.3	0																							
PSZ	0.96	246.5	Pn	09:52:39.760	-2.0					T__	5.0	0.1		---	MLv	2.0	14726872	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.96	246.5	Sn	09:52:53.026	-4.0					T__				---		14726873	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML	: 2.0	1																							
ET1H	0.99	244.8	Pg	09:52:45.950	2.8					T__	3.7	0.1		---	MLv	1.8	14726874	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	244.8	Lg	09:53:00.491	2.8					T__				---		14726875	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML	: 1.8	1																							
LTVH	1.04	152.9	Sn	09:52:56.034	-2.6					T__				---		14726876	FDSN	HU	--	BUD	iLoc	SHN	???	_	
STHS	1.11	1.3	Pn	09:52:47.200	3.2					T__		0.2		---		14726877	FDSN	IR	--	ISC	iLoc	???	???	_	
NIE	1.26	332.4	Pn	09:52:45.768	-0.2					T__	2.7	0.0		---	MLv	1.6	14726878	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.26	332.4	Sn	09:53:03.909	-0.7					T__				---		14726879	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Station ML	: 1.6	1																							
LANS	1.42	306.9	Sn	09:53:09.900	1.2					T__				---		14726880	FDSN	IR	--	ISC	iLoc	???	???	_	
VYHS	1.59	277.6	Pn	09:52:50.605	0.2					T__	1.8	0.0		---	MLv	0.3	14726881	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.59	277.6	Sn	09:53:10.359	-2.2					T__				---		14726882	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML	: 0.3	0																							
BMR	1.67	111.6	Sn	09:53:12.375	-2.4					T__				---		14726883	FDSN	RO	--	BUD	iLoc	BHN	???	_	
DRGR	1.83	145.5	Pn	09:52:54.637	0.5					T__	1.7	0.0		---	MLv	2.1	14726884	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.83	145.5	Sn	09:53:18.019	-0.5					T__				---		14726885	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML	: 2.1	1																							
SIRR	2.07	171.1	Pn	09:53:00.012	2.8					T__	3.4	0.1		---	MLv	2.4	14726886	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	2.07	171.1	Sn	09:53:25.285	1.5					T__				---		14726887	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML	: 2.4	1																							
JAVC	2.41	284.5	Pn	09:53:01.606	-0.5					T__	1.5	0.0		---	MLv	2.5	14726888	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	2.41	284.5	Pg	09:53:01.400	-8.0					---				---		14726889	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
2016/07/05	06:58:27.36	1.07	0.78	47.3104	17.6452	5.6	4.5	151	0.0S	14	8	120	0.16	3.78	m	kx	BUD	14726932	iLoc		207	

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	14726932

Sta	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	207.2	Pg	06:58:30.746	-0.4					T__	19.8	0.4		MLv	1.3	14726934	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.16	207.2	Lg	06:58:33.650	-0.5					T__						14726935	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.3 1																								
A268A	0.22	57.3	Lg	06:58:35.650	-0.7					T__						14726936	FDSN	Z3	00	BUD	iLoc	HHE	???	_
EGYH	0.24	296.5	Pg	06:58:32.342	-0.4					T__	8.0	0.6		MLv	1.7	14726937	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.24	296.5	Lg	06:58:37.285	0.4					T__						14726938	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 1.7 1																								
CSKK	0.42	82.6	Pg	06:58:36.800	0.6					T__		1.5				14726939	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	0.42	82.6	Pb	06:58:35.967	-0.3					T__	7.2	1.5		MLv	2.7	14726940	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.42	82.6	Lg	06:58:43.101	0.1					T__						14726941	FDSN	HU	--	BUD	iLoc	SHE	???	_
(Station ML : 2.7 1																								
TIH	0.44	157.9	Lg	06:58:43.141	-0.5					T__						14726942	FDSN	HU	--	BUD	iLoc	SHZ	???	_
KOVH	1.26	165.5	Sn	06:59:09.909	-0.4					T__						14726943	FDSN	HU	--	BUD	iLoc	BHN	???	_
MORH	1.29	147.5	Pg	06:58:53.018	-0.0					T__	1.9	0.0		MLv	1.5	14726944	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.29	147.5	Sn	06:59:10.042	-0.8					T__						14726945	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1																								
DUGI	3.78	209.6	Lg	07:00:32.230	0.1					T__						14726946	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	3.78	209.6	Sg	07:00:34.130	2.0					T__						14726947	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	
2016/07/07	01:00:13.06	1.24	0.39	47.2494	17.8320	7.1	4.9	144	3.6F	13.6	12	8	82	0.19	1.18	m	ke	BUD	14727040	iLoc		130	

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.4	5 BUD	14727040

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A268A	0.19	18.9	Pg	01:00:17.053	-0.2					T__	5.2	0.1		MLv	0.7	14727042	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.19	18.9	Lg	01:00:20.455	0.1					T__						14727043	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 0.7 0																								
MPLH	0.21	248.4	Pg	01:00:17.401	-0.2					T__	5.3	0.1		MLv	0.8	14727044	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.21	248.4	Lg	01:00:21.002	-0.1					T__						14727045	FDSN	HU	--	BUD	iLoc	BHZ	???	_
(Station ML : 0.8 1																								
CSKK	0.31	68.5	Lg	01:00:23.961	-0.5					T__						14727046	FDSN	HU	--	BUD	iLoc	SHN	???	_
TIH	0.35	173.8	Pg	01:00:20.321	0.0					T__	2.1	0.3		MLv	1.8	14727047	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 1.8 0																								
EGYH	0.38	296.3	Pg	01:00:20.615	-0.2					T__	1.5	0.1		MLv	1.1	14727048	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.38	296.3	Lg	01:00:26.816	0.2					T__						14727049	FDSN	HU	--	BUD	iLoc	SHE	???	_
(Station ML : 1.1 1																								
SRO	0.65	29.9	Lg	01:00:35.947	0.3					T__						14727050	FDSN	SK	--	BUD	iLoc	EHN	???	_
MORH	1.18	151.3	Pn	01:00:35.689	0.6					T__	1.6	0.0		MLv	1.3	14727051	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.18	151.3	Sn	01:00:51.942	-0.4					T__						14727052	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.3 1																								
KOVH	1.18	170.9	Sn	01:00:52.196	-0.4					T__						14727053	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
2016/07/07	11:38:09.80	0.54		45.8930	15.9960	0.1	0.0		7.5F	6.2	16			0.38	1.46	a	ke RHSSO	14608970	ISC			360
2016/07/07	11:38:09.11	0.68	0.66	45.9570	15.9863	4.2	1.9	99	8.0F	0.0	16		13	0.98	1.14	a	ke VIE	14608966	ISC			360
2016/07/07	11:38:08.85	0.85	1.29	45.9094	16.0252	3.4	2.8	144	6.6F	4.9	53	30	37	0.04	2.27	m	ke BUD	14727252	iLoc			62

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		RHSSO	14608970
mb	1.8		VIE	14608966
ml	2.1		VIE	14608966
ML	2.2	0.3	6 BUD	14727252

Sta	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	266.9	Pg	11:38:09.352	-1.1					T__	342.8	8.3		___	MLv	2.3	14727254	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	266.9	Lg	11:38:10.326	-1.3					T__				___			14727255	FDSN	CR	--	BUD	iLoc	BHE	???	_
	(Station ML : 2.3 1																								
ZAG	0.09	198.0	Pg	11:38:11.126	0.0					T__	12.4	3.9		___	MLv	2.1	14727256	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.09	198.0	Lg	11:38:13.441	0.6					T__				___			14727257	FDSN	CR	--	BUD	iLoc	BHE	???	_
	(Station ML : 2.1 1																								
KALN	0.37	53.4	Pg	11:38:15.610	-1.1					T__				___			14727258	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.37	53.4	Lg	11:38:20.400	-2.3					T__				___			14727259	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.41	258.3	Pg	11:38:17.921	1.0					T__	14.0	1.2		___	MLv	2.5	14727260	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.41	258.3	Lg	11:38:22.725	-0.5					T__				___			14727261	FDSN	SL	--	BUD	iLoc	BHE	???	_
CRES	0.41	258.3	Pb	11:38:16.600	-0.3					T__				___			14727262	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.41	258.3	Sg	11:38:23.400	0.2					T__				___			14727263	FDSN	IR	--	ISC	iLoc	???	???	_
	(Station ML : 2.5 1																								
OZLJ	0.49	233.2	Pg	11:38:18.070	-0.3					T__				___			14727264	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	0.49	233.2	Lg	11:38:25.020	-0.7					T__				___			14727265	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.56	16.1	Pg	11:38:19.869	-0.2					T__	4.6	0.8		___	MLv	2.7	14727266	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.56	16.1	Lg	11:38:27.139	-1.2					T__				___			14727267	FDSN	SL	--	BUD	iLoc	BHE	???	_
	(Station ML : 2.7 0																								
MOSL	0.59	119.8	Pg	11:38:19.940	-0.9					T__				___			14727268	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.68	233.5	Pg	11:38:21.300	-0.7					T__				___			14727269	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.68	233.5	Lg	11:38:31.200	-1.0					T__				___			14727270	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.77	42.6	Lg	11:38:35.642	-0.0					T__				___			14727271	FDSN	HU	--	BUD	iLoc	BHE	???	_
AO21A	0.86	350.8	Lg	11:38:38.434	1.0					T__				___			14727272	FDSN	Z3	00	BUD	iLoc	HHE	???	_
SOKA	1.03	318.5	Pg	11:38:28.847	0.2					T__		3.1	0.24	___			14727273	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.03	318.5	Lg	11:38:40.715	-2.6					T__		5.3	0.32	___			14727274	FDSN	IR	--	ISC	iLoc	???	???	_
LJU	1.05	277.9	Pg	11:38:28.000	-0.8					T__				___			14727275	FDSN	IR	--	ISC	iLoc	???	???	_
LJU	1.05	277.9	Lg	11:38:42.700	-1.3					T__				___			14727276	FDSN	IR	--	ISC	iLoc	???	???	_
PLIT	1.07	195.5	Lg	11:38:42.430	-2.5					T__				___			14727277	FDSN	IR	--	ISC	iLoc	???	???	_
AO51A	1.09	145.0	Pn	11:38:29.500	-0.8					T__				___			14727278	FDSN	IR	--	ISC	iLoc	???	???	_
AO51A	1.09	145.0	Lg	11:38:43.900	-2.1					T__				___			14727279	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	1.13	261.9	Pg	11:38:30.400	0.3					T__				___			14727280	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	1.13	261.9	Lg	11:38:45.000	-1.4					T__				___			14727281	FDSN	IR	--	ISC	iLoc	???	???	_
A250A	1.14	223.9	Pn	11:38:30.760	-0.2					T__				___			14727282	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.19	300.9	Pn	11:38:31.028	-0.3					T__	5.4	2.0	0.15	___			14727283	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.19	300.9	Pg	11:38:31.400	-0.1					T__				___			14727284	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.19	300.9	Pb	11:38:31.899	0.4					T__	2.1	0.1		___	MLv	1.9	14727285	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.19	300.9	Lg	11:38:46.959	-1.3					T__				___			14727286	FDSN	OE	--	BUD	iLoc	BHN	???	_
	(Station ML : 1.9 1																								
ARSA	1.39	345.7	Sn	11:38:52.153	-1.1					T__				___			14727287	FDSN	OE	--	BUD	iLoc	BHN	???	_

UDBI	1.39	187.7	Sn	11:38:53.290	-1.4	T__									14727288	FDSN	IR	--	ISC	iLoc	???	???	_
SKDS	1.45	256.3	Pn	11:38:35.300	0.2	T__									14727289	FDSN	IR	--	ISC	iLoc	???	???	_
SKDS	1.45	256.3	Sn	11:38:54.600	-1.2	T__									14727290	FDSN	IR	--	ISC	iLoc	???	???	_
KOVH	1.46	82.2	Pg	11:38:37.871	0.2	T__	1.7	0.0				MLv	1.8	14727291	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	_
KOVH	1.46	82.2	Sn	11:38:57.086	1.8	T__									14727292	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.8 0)																							
A050A	1.47	165.7	Pn	11:38:36.400	0.6	T__									14727293	FDSN	IR	--	ISC	iLoc	???	???	_
A050A	1.47	165.7	Sn	11:38:56.400	-0.1	T__									14727294	FDSN	IR	--	ISC	iLoc	???	???	_
NVLJ	1.57	211.6	Pn	11:38:38.720	1.7	T__									14727295	FDSN	IR	--	ISC	iLoc	???	???	_
NVLJ	1.57	211.6	Sn	11:38:59.470	1.2	T__									14727296	FDSN	IR	--	ISC	iLoc	???	???	_
SMRN	1.58	237.1	Pn	11:38:38.540	1.6	T__									14727297	FDSN	IR	--	ISC	iLoc	???	???	_
SMRN	1.58	237.1	Sn	11:38:59.210	0.5	T__									14727298	FDSN	IR	--	ISC	iLoc	???	???	_
VIRC	1.76	203.4	Pn	11:38:41.110	1.3	T__									14727299	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.85	79.5	Sn	11:39:08.360	3.7	T__									14727300	FDSN	HU	--	BUD	iLoc	BHN	???	_
KIJV	1.92	171.8	Sn	11:39:09.400	1.9	T__									14727301	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	2.04	200.0	Pn	11:38:45.320	1.3	T__									14727302	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	2.04	200.0	Sn	11:39:11.120	0.6	T__									14727303	FDSN	IR	--	ISC	iLoc	???	???	_
MORI	2.06	186.4	Sn	11:39:11.750	0.9	T__									14727304	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	2.27	187.0	Pn	11:38:48.150	0.8	T__									14727305	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	2.27	187.0	Sn	11:39:17.740	1.5	T__									14727306	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
2016/07/13	09:38:40.05	1.15	1.30	48.5592	20.7297	8.5	4.5	151	0.0A		10	6	160	0.59	1.26	m	ke BUD	14727763	iLoc			206

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	4 BUD	14727763

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CRVS	0.59	54.4	Pg	09:38:51.058	-0.4					T__	3.2	0.0			MLv	1.0	14727765	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.59	54.4	Lg	09:38:59.364	-1.9					T__						14727766	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.0 1)																									
PSZ	0.85	221.4	Pg	09:38:58.163	0.2					T__	3.6	0.1			MLv	1.8	14727767	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.85	221.4	Lg	09:39:10.196	-1.0					T__						14727768	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1)																									
STHS	0.92	21.3	Pn	09:39:01.231	1.5					T__	5.2	0.1			MLv	2.1	14727769	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.1 1)																									
MASL	0.95	61.1	Pg	09:38:59.018	1.1					T__						14727770	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
MASL	0.95	61.1	Lg	09:39:11.583	-1.6					T__						14727771	FDSN	SK	--	BUD	iLoc	EHN	???	_	
LANS	1.02	305.8	Pg	09:39:00.014	-0.1					T__	5.5	0.1			MLv	1.9	14727772	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.02	305.8	Lg	09:39:14.496	-0.6					T__						14727773	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.9 1)																									
VVHS	1.26	267.7	Sn	09:39:22.362	-0.8					T__						14727774	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	
2016/07/15	08:44:51.68	1.50	1.69	48.5452	20.8070	14.6	5.5	132	0.0A		5	3	174	0.56	0.93	m	ke BUD	14727800	iLoc				289

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.4	3 BUD	14727800

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CRVS	0.56	50.2	Pg	08:45:03.611	1.1					T__	2.0	0.0		___	MLv	0.8	14727802	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.56	50.2	Lg	08:45:10.009	-1.8					T__				---		14727803	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.8 1																									
PSZ	0.88	224.6	Pg	08:45:10.647	0.5					T__	1.7	0.0		___	MLv	1.5	14727804	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	224.6	Lg	08:45:22.892	-0.8					T__				---		14727805	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.5 1																									
NIE	0.93	339.8	Pg	08:45:09.773	0.6					T__	1.5	0.0		___	MLv	1.2	14727806	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2016/07/15	09:07:05.04	3.21	0.28	46.0244	18.3331	39.8	6.3	171	0.0A		4	2	243	0.17	0.29	m	kx	BUD	14727820	iLoc			360	
2016/07/15	09:07:05.77f		0.52	46.1765	18.2926f				0.0S		4		204	0.16	0.25	a	kx	BUD_GT	14759349	BUD			360	
(locality : Komló II.)																								
(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
KOVH	0.16	236.7	Pg	09:07:09.272	-0.3					T__		0.2		___	MLv	14759705	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	09:07:12.339	-0.4					T__				---		14759706	FDSN	HU	--	BUD	BUD	BHE	???	_
MORH	0.25	80.7	Pg	09:07:11.296	0.0					T__		0.1		___	MLv	14759707	FDSN	HU	--	BUD	BUD	BHN	BHZ	_
MORH	0.25	80.7	Lg	09:07:16.528	0.9					T__				---		14759708	FDSN	HU	--	BUD	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	
2016/07/15	09:24:15.49	1.34	0.70	45.5877	17.3596	8.7	7.8	154	10.0A		7	5	134	0.72	1.16	m	ke	BUD	14727828	iLoc			234

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.0	2 BUD	14727828

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.72	45.7	Pg	09:24:29.658	-0.5					T__	2.8	0.1		___	MLv	1.6	14727830	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.72	45.7	Sn	09:24:42.598	-0.3					T__				---		14727831	FDSN	HU	--	BUD	iLoc	BHE	???	_	
BLY	0.81	189.0	Lg	09:24:42.972	0.3					T__				---		14727832	FDSN	MN	--	BUD	iLoc	BHN	???	_	
PTJ	1.03	288.7	Lg	09:24:49.340	-0.6					T__				---		14727833	FDSN	CR	--	BUD	iLoc	BHE	???	_	
MORH	1.10	54.5	Pn	09:24:36.323	0.4					T__	1.7	0.0		___	MLv	1.7	14727834	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.10	54.5	Lg	09:24:52.610	0.2					T__				---		14727835	FDSN	HU	--	BUD	iLoc	BHE	???	_	
KOGS	1.16	318.5	Lg	09:24:55.120	1.0					T__				---		14727836	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	
2016/07/18	11:46:13.94	1.46	0.31	47.8017	19.1567	6.6	5.5	24	0.0S		8	5	119	0.10	0.73	m	kx	BUD	14728009	iLoc			218

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.8	3 BUD	14728009

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



A270A	0.10	295.1	Pg	11:46:16.784	0.3	T__	101.0	3.2	---	MLv	2.1	14728011	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A270A	0.10	295.1	Lg	11:46:18.392	-0.1	T__			---			14728012	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Station ML : 2.1 1																				
BUD	0.33	195.8	Lg	11:46:26.494	-0.3	T__			---			14728013	FDSN	HU	--	BUD	iLoc	BHZ	???	_
A336A	0.44	346.3	Lg	11:46:29.531	-0.3	T__			---			14728014	FDSN	Z3	00	BUD	iLoc	HH3	???	_
PSZ	0.51	76.5	Pg	11:46:25.150	0.1	T__	3.5	0.1	---	MLv	1.5	14728015	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.51	76.5	Lg	11:46:33.484	0.1	T__			---			14728016	FDSN	GE	--	BUD	iLoc	BHZ	???	_
(Station ML : 1.5 1																				
VYHS	0.73	342.9	Pg	11:46:28.753	0.1	T__	1.8	0.0	---	MLv		14728017	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.73	342.9	Lg	11:46:39.075	-0.4	T__			---			14728018	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  
 2016/07/20 09:59:46.69 1.58 1.41 48.3581 20.7928 10.8 5.6 154 5.1F 13.7 11 8 183 0.24 1.31 m ke BUD 14728398 iLoc 226

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.5 7 BUD 14728398

Sta	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	0.24	301.6	Pg	09:59:52.953	1.3					T__	39.2	2.6	---	MLv	2.4	14728400	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
(Station ML : 2.4 0																								
CRVS	0.70	38.9	Pg	09:59:59.931	0.0					T__	3.4	0.0	---	MLv	1.1	14728401	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.1 1																								
PSZ	0.75	234.2	Pg	10:00:01.599	-0.8					T__	4.7	0.1	---	MLv	1.7	14728402	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 1																								
MASL	1.03	50.2	Pn	10:00:08.124	1.0					T__			---			14728403	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	1.03	50.2	Lg	10:00:21.445	-0.8					T__			---			14728404	FDSN	SK	--	BUD	iLoc	EHE	???	_
STHS	1.10	15.5	Pg	10:00:06.123	-0.8					T__	5.6	0.2	---	MLv	2.4	14728405	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.4 1																								
NIE	1.11	343.6	Pn	10:00:09.063	0.9					T__	2.6	0.0	---	MLv	1.5	14728406	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.5 1																								
LANS	1.18	312.6	Pn	10:00:08.710	-0.4					T__	5.6	0.1	---	MLv	2.0	14728407	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.18	312.6	Lg	10:00:24.428	-2.6					T__			---			14728408	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Station ML : 2.0 1																								
VYHS	1.31	276.7	Pg	10:00:13.550	0.8					T__	1.7	0.0	---	MLv	1.0	14728409	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	276.7	Sn	10:00:30.764	1.0					T__			---			14728410	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  
 2016/07/21 07:23:24.03 1.45 0.43 48.6786 18.3879 8.5 4.9 34 1.0F 13.9 9 5 148 0.35 1.26 m ke BUD 14728440 iLoc 233

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 5 BUD 14728440

Sta	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	121.7	Pg	07:23:31.052	-0.1					T__	8.0	0.0	---	MLv	0.6	14728442	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	121.7	Lg	07:23:36.081	-0.4					T__			---			14728443	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 0.6 0																								
MODS	0.80	247.9	Pg	07:23:39.647	-0.4					T__	4.9	38.9	---	MLv	4.5	14728444	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.80	247.9	Lg	07:23:51.792	0.2					T__			---			14728445	FDSN	SK	--	BUD	iLoc	HHE	???	_

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(Station ML : 4.5 0
A270A 0.93 153.0 Pg 07:23:42.965 -0.0 T__ 4.4 0.1 ___ MLv 1.9 14728446 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Station ML : 1.9 1
MORC 1.23 333.6 Pg 07:23:47.081 -0.3 T__ 4.3 0.0 ___ MLv 1.9 14728447 FDSN CZ -- BUD iLoc BHZ BHZ _
MORC 1.23 333.6 Lg 07:24:04.010 0.2 T__ ___ 14728448 FDSN CZ -- BUD iLoc BHE ??? _
(Station ML : 1.9 1
PSZ 1.26 126.5 Pn 07:23:48.604 0.5 T__ 1.9 0.0 ___ MLv 1.7 14728449 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 1.26 126.5 Sn 07:24:06.301 -0.4 T__ ___ 14728450 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
2016/07/21 10:18:25.03 1.56 0.36 48.3313 18.5701 10.9 5.8 4 5.5F 12.1 9 6 164 0.19 1.60 m ke BUD 14728472 iLoc 225

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Magnitude Err Nsta Author OrigID
ML 1.2 0.1 5 BUD 14728472

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Sta 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 0.19 306.6 Pg 10:18:28.773 -0.4 T__ 6.7 0.2 ___ MLv 1.2 14728474 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Station ML : 1.2 1
VYHS 0.24 47.3 Pg 10:18:29.939 -0.2 T__ 21.5 0.0 ___ MLv 0.6 14728475 FDSN SK -- BUD iLoc HHE HHZ _
VYHS 0.24 47.3 Lg 10:18:34.298 0.4 T__ ___ 14728476 FDSN SK -- BUD iLoc HHE ??? _
(Station ML : 0.6 0
A336A 0.30 108.7 Pg 10:18:31.086 -0.2 T__ 4.8 0.1 ___ MLv 1.2 14728477 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Station ML : 1.2 1
JAVC 0.80 311.8 Pg 10:18:40.895 -0.0 T__ 1.8 0.0 ___ MLv 1.5 14728478 FDSN CZ -- BUD iLoc BHZ BHZ _
JAVC 0.80 311.8 Sn 10:18:54.893 -0.2 T__ ___ 14728479 FDSN CZ -- BUD iLoc BHN ??? _
(Station ML : 1.5 1
MODS 0.86 273.3 Pg 10:18:42.625 0.4 T__ 2.2 21.9 ___ MLv 4.3 14728480 FDSN SK -- BUD iLoc HHZ HHZ _
MODS 0.86 273.3 Lg 10:18:54.665 -0.2 T__ ___ 14728481 FDSN SK -- BUD iLoc HHN ??? _
(Station ML : 4.3 0
MORC 1.60 335.3 Sn 10:19:14.935 0.2 T__ ___ 14728482 FDSN CZ -- 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
2016/07/21 11:08:04.86 1.31 1.76 48.2963 21.0481 15.8 5.0 150 10.0A 11 6 192 0.42 1.03 m ke BUD 14728504 iLoc 245

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Magnitude Err Nsta Author OrigID
ML 1.9 0.6 4 BUD 14728504

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Sta 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 0.42 296.7 Pg 11:08:14.736 1.3 T__ 2.3 0.2 ___ MLv 1.7 14728506 FDSN SK -- BUD iLoc EHZ EHZ _
(Station ML : 1.7 1
CRVS 0.67 24.2 Pg 11:08:17.887 0.4 T__ 6.7 0.0 ___ MLv 1.2 14728507 FDSN SK -- BUD iLoc HHZ HHZ _
CRVS 0.67 24.2 Lg 11:08:27.918 -0.4 T__ ___ 14728508 FDSN SK -- BUD iLoc HHN ??? _
(Station ML : 1.2 1
PODL 0.82 49.9 Pg 11:08:22.135 1.9 T__ ___ 14728509 FDSN SK -- BUD iLoc EHZ ??? _
PODL 0.82 49.9 Lg 11:08:35.767 2.1 T__ ___ 14728510 FDSN SK -- BUD iLoc EHN ??? _
PSZ 0.86 244.4 Pn 11:08:22.914 0.6 T__ 7.1 0.1 ___ MLv 2.0 14728511 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.86 244.4 Lg 11:08:34.287 -1.4 T__ ___ 14728512 FDSN GE -- BUD iLoc BHN ??? _
(Station ML : 2.0 1

```

MASL	0.95	40.9	Pg	11:08:22.788	0.2	T__									14728513	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
MASL	0.95	40.9	Lg	11:08:36.929	-0.9	T__									14728514	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	1.03	51.4	Pg	11:08:24.957	0.6	T__	8.3	18.9						MLv	4.4	14728515	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.03	51.4	Sn	11:08:37.520	-3.4	T__									14728516	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
2016/07/26	05:01:10.27	0.25	0.42	45.9319	21.7061	3.4	1.3	94	11.3F	2.5	14	166		0.32	1.52	a	ke BUC	14610186	ISC			360
2016/07/26	05:01:10.08	1.11	1.01	45.9515	21.7128	5.6	3.0	96	7.3F	9.4	32	10	84	0.32	1.53	m	ke BUD	14728534	iLoc			138

Magnitude	Err	Nsta	Author	OrigID
m1	1.8		BUC	14610186
ML	2.0	0.2	5 BUD	14728534

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.32	353.7	Pg	05:01:17.121	0.3					T__	33.7	0.4			MLv	1.8	14728536	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.32	353.7	Lg	05:01:21.979	-0.0					T__						14728537	FDSN	RO	--	BUD	iLoc	BHE	???	_	
SIRR	0.32	353.4	Pg	05:01:17.299	0.4					T__						14728538	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.8 1																									
BZS	0.34	188.7	Pg	05:01:16.420	-0.5					T__	21.3	0.3			MLv	1.7	14728540	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.34	188.7	Lg	05:01:20.975	-1.0					T__						14728541	FDSN	RO	--	BUD	iLoc	BHE	???	_	
BZS	0.34	191.4	Pg	05:01:16.703	-0.3					T__						14728542	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.34	191.4	Lg	05:01:21.213	-1.0					T__						14728544	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.7 0																									
BANR	0.70	215.6	Lg	05:01:34.832	0.9					T__						14728545	FDSN	RO	--	BUD	iLoc	BHE	???	_	
AMBH	0.79	300.5	Lg	05:01:37.407	-1.0					T__						14728546	FDSN	HU	--	BUD	iLoc	SHN	???	_	
GZR	0.93	126.4	Pg	05:01:28.286	0.3					T__						14728547	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.93	126.4	Pn	05:01:29.667	1.3					T__	9.6	0.1			MLv	2.0	14728549	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.93	126.4	Lg	05:01:40.711	-0.8					T__						14728550	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
DRGR	1.09	39.1	Pn	05:01:31.787	0.9					T__						14728551	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.09	39.1	Sn	05:01:45.928	-1.4					T__						14728553	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.09	39.1	Pg	05:01:31.901	0.2					T__	5.2	0.1			MLv	2.2	14728554	FDSN	RO	--	BUD	iLoc	BHE	BHZ	_
DRGR	1.09	39.1	Lg	05:01:45.805	-2.7					T__						14728555	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.2 1																									
MDVR	1.17	180.0	Pn	05:01:32.021	0.2					T__						14728556	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.17	180.0	Sn	05:01:47.741	-1.2					T__						14728558	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.18	154.9	Pn	05:01:32.648	0.9					T__						14728559	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.18	154.9	Lg	05:01:49.074	-0.0					T__						14728561	FDSN	IR	--	ISC	iLoc	???	???	_	
CJR	1.51	59.1	Pn	05:01:37.415	0.4					T__						14728562	FDSN	IR	--	ISC	iLoc	???	???	_	
CJR	1.51	59.1	Pg	05:01:39.440	-0.1					T__	2.2	0.1			MLv	2.4	14728564	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	1.51	59.1	Sn	05:01:58.795	0.7					T__						14728565	FDSN	IR	--	ISC	iLoc	???	???	_	
CJR	1.51	59.1	Lg	05:02:00.492	-1.7					T__						14728566	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.4 0																									
LOT	1.53	108.6	Sn	05:02:00.302	1.9					T__						14728567	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
2016/07/26	09:33:45.22	1.31	0.85	48.6881	19.2470	10.3	6.0	147	5.0A		7	4	142	0.33	0.88	m	ke BUD	14728589	iLoc			228

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	4 BUD	14728589

Sta	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	234.7	Pg	09:33:51.903	-0.2					T__	8.0	0.0		---	MLv	0.6	14728591	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.33	234.7	Lg	09:33:56.994	-0.2					T__				---		14728592	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.6 1																									
LANS	0.49	17.4	Pg	09:33:54.308	-0.5					T__	3.4	0.1		---	MLv	1.4	14728593	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 1.4 1																									
KECS	0.85	103.5	Pn	09:34:04.173	1.4					T__	2.1	0.1		---	MLv	2.0	14728594	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.85	103.5	Lg	09:34:13.917	-0.7					T__				---		14728595	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.0 1																									
PSZ	0.88	150.5	Pn	09:34:03.557	0.1					T__	3.7	0.1		---	MLv	1.7	14728596	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	150.5	Lg	09:34:16.341	-0.5					T__				---		14728597	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
2016/07/26	16:19:50.20	0.00		47.5300	16.7000				0.0A		9					a	ke PRU	14610231	ISC			360
2016/07/26	16:19:46.78	0.33	0.40	47.3872	16.8786	2.5	1.4	130	11.5F	1.9	37		2	0.50	1.44	a	ke VIE	14610227	ISC			360
2016/07/26	16:19:46.58	0.94	0.69	47.4329	16.8901	3.6	3.3	17	8.8F	6.9	31	17	42	0.19	1.68	m	ke BUD	14728655	iLoc			77

Magnitude	Err	Nsta	Author	OrigID
mb	1.4		VIE	14610227
ml	1.8		VIE	14610227
ML	2.1	0.5	9 BUD	14728655

Sta	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	0.19	220.0	Pg	16:19:50.600	-0.4					T__	18.6	2.0		---	MLv	2.1	14728657	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.19	220.0	Lg	16:19:54.036	-0.2					T__				---		14728658	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 2.1 1																									
EGYH	0.30	93.0	Pg	16:19:53.204	0.2					T__	8.9	0.9		---	MLv	2.1	14728659	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.30	93.0	Lg	16:19:58.136	0.4					T__				---		14728660	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.1 1																									
SOP	0.34	318.2	Pg	16:19:54.111	0.5					T__	2.8	0.1		---	MLv	1.1	14728661	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.1 0																									
RONA	0.48	303.8	Pg	16:19:56.710	0.2					T__		1.1	0.06	---		14728662	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	0.48	303.8	Lg	16:20:03.604	-0.2					T__		3.4	0.12	---		14728663	FDSN	IR	--	ISC	iLoc	???	???	_	
MPLH	0.51	120.5	Pg	16:19:57.988	1.0					T__	6.4	0.1		---	MLv	1.6	14728664	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.51	120.5	Lg	16:20:02.761	-2.0					T__				---		14728665	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
A009A	0.59	294.6	Lg	16:20:07.390	0.2					T__				---		14728666	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A262A	0.62	203.6	Lg	16:20:07.816	-0.3					T__				---		14728667	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ZST	0.78	10.5	Pg	16:20:02.211	0.1					T__	5.1	1.5		---	MLv	3.1	14728668	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.78	10.5	Sn	16:20:15.376	0.1					T__				---		14728669	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 3.1 1																									
CONA	0.85	305.9	Pg	16:20:03.994	0.4					T__	2.7	0.0		---	MLv	1.6	14728670	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.85	305.9	Lg	16:20:15.711	-0.0					T__				---		14728671	FDSN	OE	--	BUD	iLoc	BHN	???	_	
CONA	0.85	305.9	Pb	16:20:03.732	0.1					T__		0.4	0.12	---		14728672	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	0.85	305.9	Sg	16:20:15.934	0.2					T__		6.9	0.36	---		14728673	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.6 1																									
CSKK	0.93	93.8	Lg	16:20:18.003	-0.2					T__				---		14728674	FDSN	HU	--	BUD	iLoc	SHE	???	_	
ARSA	0.95	259.4	Pn	16:20:05.442	0.4					T__	2.0	0.1		---	MLv	1.7	14728675	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_

ARSA	0.95	259.4	Pg	16:20:04.535	-0.5	T__		1.4	0.10	---		14728676	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	0.95	259.4	Lg	16:20:16.775	-1.4	T__		7.6	0.30	---		14728677	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.7 1																					
BEHE	0.97	184.7	Pn	16:20:05.693	0.1	T__	2.1	0.1		---	MLv	2.1	14728678	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.97	184.7	Lg	16:20:19.096	-0.7	T__				---		14728679	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.1 1																					
MODS	0.98	15.3	Pn	16:20:04.851	-0.8	T__	5.8	60.0		---	MLv	4.8	14728680	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.98	15.3	Lg	16:20:18.698	-0.7	T__				---		14728681	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 4.8 0																					
SOKA	1.48	239.9	Pn	16:20:12.974	0.5	T__		0.2	0.20	---		14728682	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.48	239.9	Sn	16:20:32.923	0.3	T__		0.5	0.22	---		14728683	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	1.58	147.8	Sn	16:20:36.146	1.0	T__				---		14728684	FDSN	HU	--	BUD	iLoc	BHE	???	_	
KRUC	1.66	348.7	Pn	16:20:15.400	0.4	T__				---		14728685	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.66	348.7	Lg	16:20:39.600	-0.5	T__				---		14728686	FDSN	IR	--	ISC	iLoc	???	???	_	
VYHS	1.68	50.2	Sn	16:20:36.146	-1.1	T__				---		14728687	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
2016/07/27	14:48:32.54	0.20	0.28	46.0128	21.7185	3.1	1.6	96	14.8F	2.1	11	163	0.26	1.54	a	ke	BUC	14610261	ISC			360
2016/07/27	14:48:31.91	0.95	1.15	46.0402	21.8220	8.8	4.0	89	7.0F	11.7	23	7	137	0.25	1.49	m	ke	BUD	14728615	iLoc		202

Magnitude	Err	Nsta	Author	OrigID
ml	1.3		BUC	14610261
ML	1.3	0.4	3 BUD	14728615

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.25	333.9	Pg	14:48:37.259	-0.2					T__	7.2	0.1		---	MLv	1.0	14728617	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.25	333.9	Lg	14:48:41.970	0.3					T__				---		14728618	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
SIRR	0.25	333.7	Pb	14:48:37.677	0.2					T__				---		14728619	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.25	333.7	Pb	14:48:37.677	0.2					T__		0.1		---		14728620	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.25	333.7	Sg	14:48:42.569	0.9					T__		0.1		---		14728621	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.0 1																									
BZS	0.44	196.9	Pg	14:48:40.198	-0.5					T__	5.1	0.1		---	MLv	1.3	14728622	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.44	196.9	Lg	14:48:46.497	-0.8					T__				---		14728623	FDSN	RO	--	BUD	iLoc	BHE	???	_	
BZS	0.45	198.8	Sg	14:48:46.767	-0.7					T__				---		14728624	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.3 1																									
GZR	0.93	133.7	Pn	14:48:51.187	1.0					T__				---		14728625	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.93	133.7	Lg	14:49:04.158	0.8					T__				---		14728627	FDSN	RO	--	BUD	iLoc	BHE	???	_	
GZR	0.93	133.7	Sg	14:49:04.560	1.2					T__				---		14728628	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.97	39.0	Pn	14:48:50.678	-0.4					T__	1.9	0.0		---	MLv	1.6	14728629	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.97	39.0	Sn	14:49:04.625	-1.7					T__				---		14728630	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
HERR	1.23	160.0	Pg	14:48:55.684	0.1					T__				---		14728631	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.23	160.0	Sn	14:49:12.150	-0.0					T__				---		14728633	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.26	183.5	Pn	14:48:55.311	0.3					T__				---		14728634	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.26	183.5	Sn	14:49:12.392	-0.8					T__				---		14728636	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.49	112.8	Sn	14:49:20.305	1.1					T__				---		14728637	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.49	112.8	Lg	14:49:18.238	-3.6					T__				---		14728639	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
2016/07/29	09:42:29.21	1.41	0.64	48.3449	19.8550	6.3	5.7	19	0.0S		7	4	106	0.43	0.85	m	kx BUD	14728733	iLoc			211

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	14728733

Sta	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	176.4	Pg	09:42:38.797	0.2					T__	12.1	0.1		___	MLv	1.6	14728735	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.43	176.4	Lg	09:42:45.598	-0.0					T__				---			14728736	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.6 1																									
KECS	0.44	71.5	Pg	09:42:38.501	0.4					T__	3.0	0.2		___	MLv	1.8	14728737	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.44	71.5	Lg	09:42:44.225	-0.8					T__				---			14728738	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 1.8 1																									
VYHS	0.69	282.8	Pg	09:42:43.501	0.3					T__	3.0	0.0		___	MLv	0.7	14728739	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	282.8	Lg	09:42:52.749	-0.8					T__				---			14728740	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 0.7 1																									
LANS	0.85	342.5	Pg	09:42:46.322	0.5					T__	3.4	0.1		___	MLv	1.7	14728741	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/07/31	07:13:25.80	0.11	0.13	48.0910	16.1272	1.6	1.0	109	7.2F	1.0	18		114	0.24	1.26	a	ke IPEC	14611330	ISC				360
2016/07/31	07:13:27.90	0.00		48.2000	16.0700				10.0A		14					a	ke PRU	14611333	ISC				360
2016/07/31	07:13:25.83	0.17	0.87	48.0968	16.1011	1.0	0.8	83	11.3F	2.1	49		1	0.23	1.90	a	ke VIE	14611335	ISC				360
2016/07/31	07:13:25.43	0.94	0.70	48.0960	16.1035	4.4	3.4	122	7.6F	7.5	34	16	77	0.23	2.46	m	ke BUD	14729612	iLoc				87

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		IPEC	14611330
mb	1.3		VIE	14611335
ml	1.7		VIE	14611335
ML	1.3	0.3	4 BUD	14729612

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.23	224.1	Pg	07:13:30.696	0.2					T__		5.8	0.04	---			14729614	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.23	224.1	Lg	07:13:34.291	-0.1					T__		4.9	0.06	---			14729615	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.23	224.1	Pb	07:13:30.370	-0.1					T__	10.6	0.2		___	MLv	1.2	14729616	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.23	224.1	Sg	07:13:34.422	0.0					T__				---			14729617	FDSN	OE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.2 1																									
RONA	0.42	161.8	Pg	07:13:34.426	0.4					T__		1.8	0.04	---			14729618	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.42	161.8	Lg	07:13:39.841	-0.6					T__		5.1	0.08	---			14729619	FDSN	IR	--	ISC	iLoc	???	???	_
SOP	0.51	143.3	Lg	07:13:42.775	-0.7					T__				---			14729620	FDSN	HU	--	BUD	iLoc	BHN	???	_
MODS	0.83	70.1	Pg	07:13:41.761	-0.3					T__	3.1	25.1		---	MLv	4.4	14729621	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.83	70.1	Lg	07:13:52.961	-0.9					T__				---			14729622	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 4.4 1																									
ARSA	0.93	205.1	Lg	07:13:56.633	-0.0					T__		0.9	0.10	---			14729623	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.93	205.1	Pn	07:13:43.612	-0.2					T__	1.7	0.0		___	MLv	1.4	14729624	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.93	205.1	Sg	07:13:55.672	-1.0					T__				---			14729625	FDSN	OE	--	BUD	iLoc	BHZ	???	_
(Station ML : 1.4 1																									
KRUC	0.99	11.2	Pn	07:13:44.700	0.1					T__				---			14729626	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	0.99	11.2	Lg	07:13:56.900	-0.9					T__				---			14729627	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	0.99	11.2	Pg	07:13:44.817	0.8					T__				---			14729628	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
VRAC	1.26	14.8	Pg	07:13:49.500	0.3					T__				---			14729629	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.26	14.8	Sn	07:14:05.300	-0.7					T__		16.2	0.22	---			14729631	FDSN	IR	--	ISC	iLoc	???	???	_

VRAC	1.26	14.8	Pb	07:13:49.681	0.5	T__									14729632	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
VRAC	1.26	14.8	Lg	07:14:06.253	0.2	T__									14729633	FDSN	CZ	--	BUD	iLoc	BHE	???	_
CKRC	1.40	301.9	Pg	07:13:52.435	0.5	T__									14729634	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
CKRC	1.40	301.9	Lg	07:14:10.852	0.2	T__									14729635	FDSN	CZ	--	BUD	iLoc	BHN	???	_
SOKA	1.59	207.5	Pn	07:13:54.174	1.0	T__			0.3	0.18					14729636	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	1.87	76.7	Pn	07:13:57.687	0.7	T__	1.1		0.0			MLv	1.0		14729637	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.87	76.7	Sn	07:14:20.670	-0.2	T__									14729638	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.0 1																							
OBKA	1.91	214.3	Pg	07:14:02.830	1.0	T__			2.4	0.73					14729639	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	1.97	302.7	Pg	07:14:01.300	-1.5	T__									14729640	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	1.97	302.7	Lg	07:14:27.600	-1.1	T__			1.9	0.60					14729641	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	2.03	12.4	Pg	07:14:01.600	-1.1	T__									14729642	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	2.03	12.4	Lg	07:14:29.800	0.4	T__			2.2	0.70					14729643	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.26	3.6	Pg	07:14:06.700	-0.1	T__									14729644	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.26	3.6	Lg	07:14:36.200	0.1	T__			2.8	0.60					14729645	FDSN	IR	--	ISC	iLoc	???	???	_
UPC	2.41	358.6	Lg	07:14:41.500	0.9	T__			4.1	0.70					14729646	FDSN	IR	--	ISC	iLoc	???	???	_
OSTC	2.46	1.7	Lg	07:14:42.900	0.8	T__			1.8	0.40					14729647	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
2016/08/01	09:01:33.45	0.27	0.63	45.8320	21.7775	2.6	1.8	96	5.0A		16	104	0.23	2.20	a	ke	BUC	14611396	ISC			360
2016/08/01	09:01:32.59	0.80	1.06	45.8489	21.7587	4.3	3.2	100	1.0F	0.7	29	9	107	0.24	2.21	m	ke	BUD	14729678	iLoc		151

Magnitude	Err	Nsta	Author	OrigID
ml	1.6		BUC	14611396
ML	1.8	0.2	4 BUD	14729678

Sta	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	199.9	Pg	09:01:36.739	-0.8					T__	41.5	0.4			MLv	1.6	14729680	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.24	199.9	Lg	09:01:38.584	-2.7					T__						14729681	FDSN	RO	--	BUD	iLoc	BHN	???	_	
BZS	0.25	203.2	Sg	09:01:40.754	-0.8					T__						14729682	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.6 1																									
SIRR	0.42	350.9	Pg	09:01:41.426	0.0					T__	19.7	0.3			MLv	1.9	14729683	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.42	350.9	Lg	09:01:47.794	-0.3					T__						14729684	FDSN	RO	--	BUD	iLoc	BHE	???	_	
SIRR	0.42	350.7	Pb	09:01:41.528	0.1					T__						14729685	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.42	350.7	Sg	09:01:48.021	-0.1					T__						14729687	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.9 1																									
GZR	0.85	122.2	Pg	09:01:48.966	0.1					T__	6.3	0.1			MLv	1.7	14729688	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.85	122.2	Lg	09:02:00.224	-0.8					T__						14729689	FDSN	RO	--	BUD	iLoc	BHE	???	_	
GZR	0.85	122.2	Sg	09:02:00.908	-0.1					T__						14729690	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.7 1																									
MDVR	1.07	181.8	Pn	09:01:53.218	-0.4					T__						14729691	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.07	181.8	Lg	09:02:08.275	-0.5					T__						14729693	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.07	154.2	Pn	09:01:53.711	0.2					T__						14729694	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.07	154.2	Lg	09:02:08.716	0.8					T__						14729696	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.15	34.7	Pn	09:01:55.537	0.5					T__						14729697	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.15	34.7	Sn	09:02:12.333	-0.4					T__						14729699	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.15	34.6	Pg	09:01:55.365	-0.0					T__	4.4	0.1			MLv	2.2	14729700	FDSN	RO	--	BUD	iLoc	BHN	BHZ	_
DRGR	1.15	34.6	Lg	09:02:11.536	-2.3					T__						14729701	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.2 1																									
LOT	1.47	105.1	Lg	09:02:21.294	-0.7					T__						14729702	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	1.53	243.9	Pg	09:02:01.811	0.2					T__						14729704	FDSN	IR	--	ISC	iLoc	???	???	_	

FRGS	1.53	243.9	Lg	09:02:24.290	-0.1	T__	---	14729706	FDSN	IR	--	ISC	iLoc	???	???	_
BOVS	2.21	181.0	Sn	09:02:40.011	2.2	T__	---	14729707	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	
2016/08/01	12:07:05.09	0.47	0.55	45.9765	16.0782	3.0	1.7	126	15.0F	0.0	27	91	1.01	2.25	a	ke VIE	14611443	ISC			360		
2016/08/01	12:07:05.93	0.81	1.13	45.9470	16.0199	3.2	2.7	131	7.3F	5.3	49	29	39	0.05	2.31	m	ke BUD	14729726	iLoc			64	

Magnitude	Err	Nsta	Author	OrigID
mb	1.7		VIE	14611443
m1	2.0		VIE	14611443
ML	2.2	0.3	9 BUD	14729726

Sta	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	222.3	Pg	12:07:07.127	-0.6					T__	404.4	14.6			MLv	2.6	14729728	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.05	222.3	Lg	12:07:08.128	-1.1					T__						14729729	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.6 1																									
ZAG	0.12	190.9	Pg	12:07:08.590	-0.2					T__						14729730	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.12	190.9	Pb	12:07:08.731	-0.1					T__	16.3	4.1			MLv	2.2	14729731	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																									
LOBO	0.21	9.2	Pg	12:07:10.430	-0.1					T__						14729732	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.36	58.6	Pg	12:07:12.860	-0.6					T__						14729733	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.36	58.6	Lg	12:07:17.450	-1.8					T__						14729734	FDSN	IR	--	ISC	iLoc	???	???	_	
OZLJ	0.51	229.6	Pg	12:07:15.900	0.1					T__						14729735	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.53	17.6	Pg	12:07:16.722	0.2					T__	14.8	1.7			MLv	3.0	14729736	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.53	17.6	Lg	12:07:24.332	0.1					T__						14729737	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 3.0 0																									
MOSL	0.61	122.7	Pg	12:07:17.660	-0.7					T__						14729738	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.74	44.8	Pg	12:07:22.400	1.5					T__		0.4				14729739	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.74	44.8	Lg	12:07:33.100	1.2					T__		0.4				14729740	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.74	44.8	Pb	12:07:22.254	1.4					T__	5.5	0.4			MLv	2.5	14729741	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.74	44.8	Sg	12:07:32.149	0.2					T__						14729742	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.5 1																									
A251A	0.84	168.0	Pn	12:07:23.290	-0.2					T__						14729743	FDSN	IR	--	ISC	iLoc	???	???	_	
A251A	0.84	168.0	Lg	12:07:35.030	1.0					T__						14729744	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.00	317.3	Pg	12:07:24.524	-0.6					T__		2.8	0.18			14729745	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.00	317.3	Lg	12:07:38.291	-1.1					T__		2.5	0.20			14729746	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.17	299.4	Pn	12:07:28.249	0.3					T__		0.7	0.12			14729747	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.17	299.4	Pg	12:07:28.800	0.6					T__		0.1				14729748	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.17	299.4	Lg	12:07:44.721	0.2					T__		5.1	0.33			14729749	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.17	299.4	Pb	12:07:28.401	0.2					T__	2.2	0.1			MLv	1.9	14729750	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.17	299.4	Sg	12:07:44.859	0.3					T__						14729751	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1																									
ARSA	1.35	345.5	Pg	12:07:32.161	0.0					T__	2.1	0.0			MLv	1.8	14729752	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.35	345.5	Sn	12:07:49.244	-0.0					T__						14729753	FDSN	OE	--	BUD	iLoc	BHE	???	_	
ARSA	1.35	345.5	Pn	12:07:29.513	-0.8					T__		2.0	0.20			14729754	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	1.35	345.5	Lg	12:07:46.047	-4.5					T__		2.4	0.35			14729755	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.8 0																									
BLY	1.42	144.3	Lg	12:07:52.418	-0.5					T__						14729756	FDSN	MN	--	BUD	iLoc	BHN	???	_	
UDBI	1.43	187.3	Pn	12:07:32.620	0.3					T__						14729757	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	1.46	83.7	Pg	12:07:34.830	0.1					T__	5.7	0.1			MLv	2.2	14729758	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.46	83.7	Lg	12:07:53.534	-1.3					T__						14729759	FDSN	HU	--	BUD	iLoc	BHN	???	_	



KOVH	1.46	83.7	Sg	12:07:54.000	-0.8	T__	0.1	---	---	14729760	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.2 1																				
TRI	1.60	262.2	Pg	12:07:36.091	0.3	T__	2.2	0.1	---	MLv	2.5	14729761	FDSN	MN	--	BUD	iLoc	BHZ BHZ _		
TRI	1.60	262.2	Lg	12:07:58.239	0.7	T__			---	---		14729762	FDSN	MN	--	BUD	iLoc	BHN ??? _		
(Station ML : 2.5 1																				
SMRN	1.60	235.9	Pg	12:07:35.940	-0.6	T__			---	---		14729763	FDSN	IR	--	ISC	iLoc	???	???	_
NVLJ	1.60	210.8	Pn	12:07:35.460	1.0	T__			---	---		14729764	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	1.76	6.1	Pn	12:07:37.873	1.5	T__		0.4	0.12	---	---	14729765	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	1.76	6.1	Lg	12:08:03.028	-1.5	T__		1.8	0.28	---	---	14729766	FDSN	IR	--	ISC	iLoc	???	???	_
MYKA	1.79	293.4	Lg	12:08:04.989	1.2	T__		1.9	0.26	---	---	14729767	FDSN	IR	--	ISC	iLoc	???	???	_
VIRC	1.79	202.8	Pn	12:07:38.570	1.4	T__				---	---	14729768	FDSN	IR	--	ISC	iLoc	???	???	_
BRJN	1.91	237.7	Pn	12:07:40.070	1.3	T__				---	---	14729769	FDSN	IR	--	ISC	iLoc	???	???	_
KLJV	1.96	171.9	Pn	12:07:40.390	0.7	T__				---	---	14729770	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.99	356.9	Pn	12:07:40.520	1.1	T__	1.9	0.0	---	MLv	2.0	14729771	FDSN	OE	--	BUD	iLoc	BHZ BHZ _		
(Station ML : 2.0 1																				
DUGI	2.07	199.6	Pn	12:07:42.210	0.8	T__				---	---	14729772	FDSN	IR	--	ISC	iLoc	???	???	_
MORI	2.09	186.2	Pn	12:07:42.640	0.9	T__				---	---	14729773	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	2.17	302.5	Sn	12:08:09.416	-1.1	T__		2.5	0.48	---	---	14729774	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	2.25	328.3	Sn	12:08:10.101	-1.7	T__		1.2	0.35	---	---	14729775	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	2.31	186.8	Pn	12:07:45.590	0.7	T__				---	---	14729776	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
2016/08/01	19:50:33.04	1.08	0.89	47.1583	18.3651	5.0	4.9	109	11.6F	10.4	14	8	72	0.22	1.29	m	ke BUD	14729829	iLoc			122

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	7 BUD	14729829

Sta	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	0.22	340.9	Pg	19:50:38.027	-0.0					T__	27.5	5.4		---	MLv	2.6	14729831	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
CSKK	0.22	340.9	Lg	19:50:41.468	-0.4					T__				---	---		14729832	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.6 1																										
A267A	0.23	159.3	Pg	19:50:38.343	0.2					T__	7.8	0.5		---	MLv	1.6	14729833	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A267A	0.23	159.3	Lg	19:50:42.268	0.2					T__				---	---		14729834	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Station ML : 1.6 1																										
A271A	0.32	90.5	Pg	19:50:40.384	0.4					T__	4.1	0.3		---	MLv	1.6	14729835	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 1.6 1																										
TIH	0.42	231.8	Pg	19:50:41.270	-0.4					T__	11.8	1.7		---	MLv	2.7	14729836	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
TIH	0.42	231.8	Lg	19:50:47.033	-1.1					T__				---	---		14729837	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.7 0																										
MPLH	0.56	271.5	Pg	19:50:44.643	0.2					T__	3.5	0.0		---	MLv	1.5	14729838	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.56	271.5	Lg	19:50:53.253	0.5					T__				---	---		14729839	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.5 1																										
EGYH	0.75	290.5	Sn	19:51:00.329	-0.1					T__				---	---		14729840	FDSN	HU	--	BUD	iLoc	SHN	???	_	
KOVH	1.09	189.8	Pg	19:50:54.156	-0.6					T__	1.7	0.0		---	MLv	1.5	14729841	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	1.09	189.8	Sn	19:51:08.910	0.2					T__				---	---		14729842	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.5 0																										
PSZ	1.29	53.2	Pn	19:50:56.828	0.8					T__	2.0	0.0		---	MLv	1.7	14729843	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	1.29	53.2	Lg	19:51:15.427	-2.2					T__				---	---		14729844	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
2016/08/02	00:29:12.67	1.07	0.78	47.1486	18.3772	3.9	3.4	152	7.6F	8.0	25	15	71	0.21	1.87	m	ke BUD	14729874	iLoc			96

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	13 BUD	14729874

Sta	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	0.21	160.5	Pg	00:29:17.607	0.3					T__	13.0	0.4		MLv	1.5	14729876	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A267A	0.21	160.5	Lg	00:29:21.449	0.5					T__						14729877	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 1.5 0																										
CSKK	0.23	339.7	Pg	00:29:17.170	-0.5					T__	38.4	5.9		MLv	2.7	14729878	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_		
CSKK	0.23	339.7	Lg	00:29:20.749	-0.7					T__						14729879	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.7 0																										
A271A	0.31	88.7	Pg	00:29:19.614	0.3					T__	4.7	0.3		MLv	1.7	14729880	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_		
A271A	0.31	88.7	Lg	00:29:25.265	0.8					T__						14729881	FDSN	Z3	--	BUD	iLoc	HHN	???	_		
(Station ML : 1.7 1																										
TIH	0.42	233.6	Pg	00:29:20.474	-0.8					T__	15.0	1.8		MLv	2.7	14729882	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_		
TIH	0.42	233.6	Lg	00:29:26.662	-1.0					T__						14729883	FDSN	HU	--	BUD	iLoc	SHE	???	_		
(Station ML : 2.7 0																										
BUD	0.55	52.5	Pg	00:29:23.523	-0.7					T__	2.9	0.1		MLv	1.6	14729884	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
BUD	0.55	52.5	Lg	00:29:31.359	-1.3					T__						14729885	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.6 1																										
MPLH	0.57	272.5	Pg	00:29:23.895	-0.3					T__	3.2	0.1		MLv	1.6	14729886	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
MPLH	0.57	272.5	Lg	00:29:32.529	-0.2					T__						14729887	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.6 1																										
EGYH	0.76	291.0	Pg	00:29:28.111	0.2					T__	2.9	0.1		MLv	1.9	14729888	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_		
EGYH	0.76	291.0	Lg	00:29:39.768	0.9					T__						14729889	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 1.9 1																										
A270A	0.82	31.7	Pg	00:29:28.684	-0.7					T__	4.4	0.1		MLv	1.9	14729890	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
(Station ML : 1.9 1																										
A265A	0.83	209.1	Pg	00:29:28.985	-0.3					T__	8.8	0.5		MLv	2.7	14729891	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
(Station ML : 2.7 1																										
MORH	0.95	168.8	Pn	00:29:31.046	0.0					T__	2.9	0.0		MLv	1.7	14729892	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
MORH	0.95	168.8	Lg	00:29:43.457	-1.7					T__						14729893	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.7 1																										
KOVH	1.08	190.3	Pn	00:29:33.551	0.6					T__	1.8	0.0		MLv	1.5	14729894	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_		
KOVH	1.08	190.3	Sn	00:29:48.254	-0.7					T__						14729895	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.5 0																										
PSZ	1.28	52.6	Pn	00:29:36.358	0.3					T__	1.8	0.0		MLv	1.8	14729896	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_		
PSZ	1.28	52.6	Sn	00:29:54.470	0.3					T__						14729897	FDSN	GE	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.8 1																										
BEHE	1.29	238.9	Sn	00:29:55.628	1.0					T__						14729898	FDSN	HU	--	BUD	iLoc	BHE	???	_		
BSZH	1.30	82.6	Lg	00:29:57.521	0.0					T__						14729899	FDSN	HU	--	BUD	iLoc	HHN	???	_		
CONA	1.87	295.5	Pn	00:29:45.101	0.9					T__	2.0	0.0		MLv	2.0	14729900	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/08/02	01:36:50.20		1.06	47.1500	18.3800				5.0A				25	1.51	2.87	a	ke CSEM	14611526	ISC			360
2016/08/02	01:36:52.00	0.00		47.5300	18.3300				0.0A		8					a	ke PRU	14611529	ISC			360
2016/08/02	01:36:50.05	1.02	1.39	47.1386	18.3651	3.0	2.9	15	6.6F	7.7	55	33	44	0.21	3.77	m	ke BUD	14729954	iLoc			47

Magnitude	Err	Nsta	Author	OrigID

mb 2.2 CSEM 14611526  
ML 2.2 0.2 26 BUD 14729954

Sta	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	0.21	157.4	Pg	01:36:55.451	0.9					T__	34.2	1.7		___	MLv	2.1	14729956	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.1 1																										
CSKK	0.24	342.4	Lg	01:36:58.500	-0.5					T__		17.1		___		14729957	FDSN	IR	--	ISC	iLoc	???	???	_		
CSKK	0.24	342.5	Pg	01:36:55.021	-0.1					T__	93.0	17.1		___	MLv	3.2	14729958	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
CSKK	0.24	342.5	Sg	01:36:58.241	-0.8					T__				___		14729959	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 3.2 0																										
A271A	0.32	87.0	Pg	01:36:57.408	0.6					T__	13.2	0.7		___	MLv	2.0	14729960	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.0 1																										
TIH	0.40	234.0	Pg	01:36:58.302	-0.1					T__	51.5	5.1		___	MLv	3.1	14729961	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
TIH	0.40	234.0	Lg	01:37:04.441	-0.1					T__				___		14729962	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 3.1 0																										
A268A	0.42	314.4	Pg	01:36:58.666	0.0					T__	10.7	0.2		___	MLv	1.7	14729963	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 1.7 0																										
MPLH	0.56	273.5	Pg	01:37:01.759	0.3					T__	7.8	0.2		___	MLv	2.0	14729964	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.56	273.5	Lg	01:37:10.525	0.7					T__				___		14729965	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.0 0																										
BUD	0.57	52.2	Pg	01:37:01.296	-0.5					T__	5.7	0.1		___	MLv	1.9	14729966	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
BUD	0.57	52.2	Lg	01:37:09.085	-1.6					T__				___		14729967	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.9 0																										
A272A	0.57	133.6	Pg	01:37:02.098	0.4					T__	13.5	0.5		___	MLv	2.5	14729968	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.5 0																										
A266A	0.62	186.4	Pg	01:37:02.674	0.1					T__	7.3	0.5		___	MLv	2.5	14729969	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.5 0																										
EGYH	0.76	291.9	Pg	01:37:05.788	0.6					T__	5.0	0.2		___	MLv	2.2	14729970	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
EGYH	0.76	291.9	Sn	01:37:17.472	-1.1					T__				___		14729971	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.2 1																										
A265A	0.81	208.9	Pg	01:37:19.718	13.3					---				---		14729972	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
A270A	0.83	31.8	Pn	01:37:06.263	-0.7					T__	7.9	0.2		___	MLv	2.3	14729973	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.3 1																										
A263A	0.88	235.7	Pn	01:37:07.274	-0.4					T__	8.2	0.5		___	MLv	2.7	14729974	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.7 0																										
A338A	0.88	359.4	Pg	01:37:08.235	0.6					T__	5.1	0.2		___	MLv	2.3	14729975	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A338A	0.88	359.4	Sn	01:37:21.527	0.3					T__				---		14729976	FDSN	Z3	00	BUD	iLoc	HH3	???	_		
(Station ML : 2.3 1																										
MORH	0.94	168.1	Pn	01:37:08.733	0.3					T__	9.1	0.1		___	MLv	2.1	14729977	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	0.94	168.1	Lg	01:37:21.337	-1.0					T__				---		14729978	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.1 1																										
KOVH	1.07	190.0	Pn	01:37:11.112	0.8					T__	4.4	0.1		___	MLv	1.9	14729979	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	1.07	190.0	Sn	01:37:26.041	-0.2					T__				---		14729980	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.9 0																										
A336A	1.18	21.1	Pn	01:37:12.582	0.9					T__	7.5	0.1		___	MLv	2.3	14729981	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.3 1																										
ET1H	1.26	53.5	Pg	01:37:21.225	5.6					---				---		14729982	FDSN	HU	--	BUD	iLoc	HHZ	???	_		
ET1H	1.26	53.5	Lg	01:37:38.446	5.2					T__				---		14729983	FDSN	HU	--	BUD	iLoc	HHE	???	_		
BEHE	1.28	239.1	Pn	01:37:14.600	1.1					T__	2.5	0.1		___	MLv	2.3	14729984	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
BEHE	1.28	239.1	Sn	01:37:32.868	0.9					T__				---		14729985	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.3 1																										
PSZ	1.30	52.5	Pn	01:37:13.930	0.2					T__	5.1	0.1		___	MLv	2.1	14729986	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	1.30	52.5	Sn	01:37:31.805	-0.3					T__				---		14729987	FDSN	GE	--	BUD	iLoc	BHN	???	_		

(Station ML : 2.1 1)																				
BSZH	1.31	82.2	Lg	01:37:34.778	-0.5	T__									14729988	FDSN	HU	-- BUD	iLoc	HHN ??? _
A335A	1.31	359.1	Pn	01:37:14.523	0.9	T__	8.4	0.1	---	MLv	2.3	14729989	FDSN	Z3	00 BUD	iLoc	HHZ HHZ _			
A335A	1.31	359.1	Lg	01:37:33.250	-0.6	T__			---			14729990	FDSN	Z3	00 BUD	iLoc	HHZ ??? _			
(Station ML : 2.3 1)																				
SOP	1.34	294.6	Pn	01:37:14.901	0.7	T__	2.9	0.0	---	MLv	1.9	14729991	FDSN	HU	-- BUD	iLoc	BHZ BHZ _			
SOP	1.34	294.6	Lg	01:37:34.326	-0.3	T__			---			14729992	FDSN	HU	-- BUD	iLoc	BHN ??? _			
(Station ML : 1.9 0)																				
RONA	1.51	292.5	Pn	01:37:17.243	0.6	T__	11.5	1.0	0.24	---		14729993	FDSN	IR	-- ISC	iLoc	??? ??? _			
RONA	1.51	292.5	Sn	01:37:36.654	-0.6	T__		1.5	0.20	---		14729994	FDSN	IR	-- ISC	iLoc	??? ??? _			
JAVC	1.78	345.1	Pn	01:37:21.494	0.9	T__	1.2	0.0	---	MLv	2.1	14729995	FDSN	CZ	-- BUD	iLoc	BHZ BHZ _			
JAVC	1.78	345.1	Pg	01:37:19.600	-5.3	---			---			14729996	FDSN	IR	-- ISC	iLoc	??? ??? _			
(Station ML : 2.1 1)																				
CONA	1.87	295.9	Pn	01:37:22.367	0.7	T__	2.0	0.0	---	MLv	2.0	14729997	FDSN	OE	-- BUD	iLoc	BHZ BHZ _			
CONA	1.87	295.9	Pg	01:37:22.087	-4.5	---	4.8	0.2	0.14	---		14729998	FDSN	IR	-- ISC	iLoc	??? ??? _			
CONA	1.87	295.9	Sn	01:37:47.866	1.8	T__		0.4	0.20	---		14729999	FDSN	IR	-- ISC	iLoc	??? ??? _			
(Station ML : 2.0 1)																				
ARSA	1.94	274.3	Pn	01:37:23.870	1.4	T__	1.3	0.0	---	MLv	2.0	14730000	FDSN	OE	-- BUD	iLoc	BHZ BHZ _			
ARSA	1.94	274.3	Sn	01:37:49.165	1.8	T__			---			14730001	FDSN	OE	-- BUD	iLoc	BHZ ??? _			
ARSA	1.94	274.3	Pg	01:37:23.074	-4.5	---	4.6	1.3	0.38	---		14730002	FDSN	IR	-- ISC	iLoc	??? ??? _			
ARSA	1.94	274.3	Lg	01:37:49.635	-4.0	T__		0.1	0.12	---		14730003	FDSN	IR	-- ISC	iLoc	??? ??? _			
(Station ML : 2.0 1)																				
KRUC	2.33	326.3	Pn	01:37:28.200	0.3	T__			---			14730004	FDSN	IR	-- ISC	iLoc	??? ??? _			
KRUC	2.33	326.3	Sn	01:37:55.000	-1.6	T__			---			14730005	FDSN	IR	-- ISC	iLoc	??? ??? _			
SIRR	2.43	109.9	Pn	01:37:30.233	0.7	T__	1.9	0.0	---	MLv	2.2	14730006	FDSN	RO	-- BUD	iLoc	BHZ BHZ _			
SIRR	2.43	109.9	Lg	01:38:07.994	-4.1	T__			---			14730007	FDSN	RO	-- BUD	iLoc	BHN ??? _			
(Station ML : 2.2 1)																				
VRAC	2.47	332.0	Pn	01:37:30.400	0.5	T__			---			14730008	FDSN	IR	-- ISC	iLoc	??? ??? _			
VRAC	2.47	332.0	Sn	01:37:59.800	-0.2	T__			---			14730009	FDSN	IR	-- ISC	iLoc	??? ??? _			
VRAC	2.47	332.0	Pg	01:37:30.668	-6.4	---	1.8	0.0	---	MLv	2.2	14730010	FDSN	CZ	-- BUD	iLoc	BHZ BHZ _			
VRAC	2.47	332.0	Lg	01:38:00.099	-9.3	---			---			14730011	FDSN	CZ	-- BUD	iLoc	BHN ??? _			
(Station ML : 2.2 1)																				
BZS	2.73	122.7	Pn	01:37:34.273	0.9	T__	1.5	0.0	---	MLv	2.3	14730012	FDSN	RO	-- BUD	iLoc	BHZ BHZ _			
(Station ML : 2.3 1)																				
MOA	2.87	285.9	Pn	01:37:36.738	1.3	T__		0.1	0.12	---		14730013	FDSN	IR	-- ISC	iLoc	??? ??? _			
MOA	2.87	285.9	Sn	01:38:10.869	0.2	T__		0.5	0.30	---		14730014	FDSN	IR	-- ISC	iLoc	??? ??? _			
DIVS	3.25	158.8	Pn	01:37:41.600	0.7	T__		0.0	---			14730015	FDSN	IR	-- ISC	iLoc	??? ??? _			
KHC	3.77	303.6	Pn	01:37:49.000	1.1	T__			---			14730016	FDSN	IR	-- ISC	iLoc	??? ??? _			
KHC	3.77	303.6	Sn	01:38:29.900	-2.5	T__			---			14730017	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
2016/08/02	07:41:58.91	3.21	0.02	45.9218	18.3861	26.9	8.0	172	0.0A		4	2	278	0.26	0.34	m	kx BUD	14730133	iLoc			360
2016/08/02	07:41:57.49f		0.42	45.8525	18.3977f				0.0S		4		293	0.31	0.40	a	kx BUD_GT	14759307	BUD			360

(GT info : GT2 explosion)  
(locality : Nagyharsány I.)

Magnitude	Err	Nsta	Author	OrigID	Sta	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	0.31	318.7	Pg	07:42:04.753	0.3					T__		0.0		---	MLv	14759711	FDSN	HU	-- BUD	BUD	HHZ	HHZ	_	
					KOVH	0.31	318.7	Lg	07:42:09.325	-0.5					T__				---		14759712	FDSN	HU	-- BUD	BUD	HHN	???	_	

MORH	0.40	25.2	Pg	07:42:06.345	0.3	T__	0.1	---	MLv	14759713	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	0.40	25.2	Lg	07:42:12.150	-0.5	T__		---		14759714	FDSN	HU	--	BUD	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
2016/08/02	07:56:50.25	1.13	0.63	48.6004	20.7360	8.3	3.8	143	3.2F	13.5	14	6	148	0.20	1.27	m	ke BUD	14730141	iLoc			163

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 BUD	14730141

Sta	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	234.9	Pg	07:56:54.287	-0.2					T__	16.6	1.3		---	MLv	2.0	14730143	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	234.9	Lg	07:56:58.243	0.5					T__				---		14730144	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.0 0																									
CRVS	0.57	57.6	Lg	07:57:10.000	-0.2					T__		0.0		---		14730145	FDSN	IR	--	ISC	iLoc	???	???	_	
CRVS	0.57	57.6	Pg	07:57:01.428	0.5					T__	2.0	0.0		---	MLv	0.9	14730146	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	57.6	Sg	07:57:09.589	-0.6					T__				---		14730147	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.9 0																									
PSZ	0.88	219.8	Lg	07:57:22.200	0.0					T__		0.1		---		14730148	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.88	219.8	Pg	07:57:08.197	-0.5					T__	2.6	0.1		---	MLv	1.7	14730149	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	219.8	Sg	07:57:21.943	-0.2					T__				---		14730150	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
LANS	1.00	303.8	Pg	07:57:10.060	0.2					T__	2.7	0.0		---	MLv	1.6	14730151	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.00	303.8	Lg	07:57:23.784	-1.0					T__				---		14730152	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 1.6 1																									
KOLS	1.07	71.3	Lg	07:57:26.743	-0.7					T__				---		14730153	FDSN	SK	--	BUD	iLoc	HHE	???	_	
KOLS	1.07	71.3	Sg	07:57:27.400	-0.1					T__				---		14730154	FDSN	IR	--	ISC	iLoc	???	???	_	
VYHS	1.27	265.9	Pn	07:57:14.944	0.9					T__	2.0	0.0		---	MLv	1.0	14730155	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.27	265.9	Sn	07:57:32.243	-0.5					T__				---		14730156	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		
2016/08/02	08:19:21.64	1.25	0.96	48.6606	19.0759	9.3	5.5	56	5.0A		8	4	184	0.23	1.50	m	ke BUD	14730180	iLoc					265

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.7	2 BUD	14730180

Sta	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	223.8	Pg	08:19:26.293	-0.2					T__	14.2	0.0		---	MLv	0.5	14730182	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.23	223.8	Lg	08:19:30.297	0.2					T__				---		14730183	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.92	143.3	Pg	08:19:41.456	0.5					T__	2.3	0.0		---	MLv	1.7	14730184	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.92	143.3	Lg	08:19:53.253	-1.2					T__				---		14730185	FDSN	GE	--	BUD	iLoc	BHE	???	_	
JAVC	0.95	282.6	Lg	08:19:42.453	-11.7					---				---		14730186	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	0.95	282.6	Pn	08:19:41.300	0.4					T__				---		14730187	FDSN	IR	--	ISC	iLoc	???	???	_	
MORC	1.50	318.6	Sn	08:20:09.536	0.0					T__				---		14730188	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
MORC	1.50	318.6	Pg	08:19:50.500	0.6					T__				---		14730189	FDSN	IR	--	ISC	iLoc	???	???	_	
MORC	1.50	318.6	Lg	08:20:09.200	-1.5					T__				---		14730190	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
2016/08/02	08:58:17.24	0.31	0.60	48.4319	17.2065	3.8	1.5	114	0.0F	0.0	17	18	0.95	1.63	a	kx VIE	14611589	ISC				360
2016/08/02	08:58:16.33	0.78	0.99	48.4006	17.2474	3.4	2.6	107	0.0S		40	15	76	0.03	1.64	m	kx BUD	14730193	iLoc			93

Magnitude	Err	Nsta	Author	OrigID
mb	1.7		VIE	14611589
ml	2.1		VIE	14611589
ML	2.1	0.1	12 BUD	14730193

Sta	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	143.5	Pg	08:58:17.200	-0.5					T__		823124.0				14730195	FDSN	IR	--	ISC	iLoc	???	???	_		
MODS	0.03	144.5	Pb	08:58:17.356	-0.3					T__	10.5	823123.6		MLv	7.3	14730196	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
MODS	0.03	144.5	Lg	08:58:18.810	-0.1					T__						14730197	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 7.3 0																										
ZST	0.23	205.3	Pg	08:58:21.655	0.3					T__	28.9	8.4		MLv	2.9	14730198	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
ZST	0.23	205.3	Lg	08:58:25.461	0.2					T__						14730199	FDSN	SK	--	BUD	iLoc	HHE	???	_		
(Station ML : 2.9 0																										
A333A	0.33	343.3	Lg	08:58:31.623	3.4					T__						14730200	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
A334A	0.35	54.2	Pg	08:58:23.478	-0.2					T__	12.5	0.9		MLv	2.2	14730201	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A334A	0.35	54.2	Lg	08:58:29.329	0.3					T__						14730202	FDSN	Z3	00	BUD	iLoc	HH3	???	_		
(Station ML : 2.2 1																										
JAVC	0.54	31.3	Pg	08:58:27.431	0.0					T__	11.1	0.4		MLv	2.4	14730203	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_		
JAVC	0.54	31.3	Lg	08:58:37.012	1.4					T__						14730204	FDSN	CZ	--	BUD	iLoc	BHN	???	_		
JAVC	0.54	31.3	Pb	08:58:27.200	-0.2					T__						14730205	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.4 1																										
SOP	0.85	213.0	Pn	08:58:35.676	0.9					T__	3.8	0.1		MLv	2.1	14730206	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
SOP	0.85	213.0	Lg	08:58:47.104	1.2					T__						14730207	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.1 1																										
KRUC	0.87	319.9	Pg	08:58:33.200	0.4					T__						14730208	FDSN	IR	--	ISC	iLoc	???	???	_		
KRUC	0.87	319.9	Lg	08:58:43.100	-2.1					T__						14730209	FDSN	IR	--	ISC	iLoc	???	???	_		
KRUC	0.87	319.9	Pb	08:58:32.770	-0.1					T__	5.7	0.1		MLv	1.9	14730210	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_		
(Station ML : 1.9 1																										
RONA	0.95	222.6	Pg	08:58:34.905	-0.4					T__		3.4	0.34			14730211	FDSN	IR	--	ISC	iLoc	???	???	_		
RONA	0.95	222.6	Lg	08:58:49.269	0.1					T__		47.0	0.84			14730212	FDSN	IR	--	ISC	iLoc	???	???	_		
EGYH	0.99	176.7	Sn	08:58:52.933	0.7					T__						14730213	FDSN	HU	--	BUD	iLoc	SHN	???	_		
VRAC	1.01	334.8	Pg	08:58:35.300	0.1					T__						14730214	FDSN	IR	--	ISC	iLoc	???	???	_		
VRAC	1.01	334.8	Pb	08:58:36.000	0.8					T__						14730215	FDSN	IR	--	ISC	iLoc	???	???	_		
VRAC	1.01	334.8	Lg	08:58:50.600	1.4					T__						14730216	FDSN	IR	--	ISC	iLoc	???	???	_		
VRAC	1.01	334.8	Pn	08:58:36.311	-0.5					T__	7.2	0.1		MLv	2.1	14730217	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_		
VRAC	1.01	334.8	Sn	08:58:51.374	-1.1					T__						14730218	FDSN	CZ	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.1 1																										
CONA	1.04	243.5	Pg	08:58:37.109	0.1					T__	3.8	0.1		MLv	2.0	14730219	FDSN	OE	--	BUD	iLoc	BHE	BHZ	_		
CONA	1.04	243.5	Lg	08:58:53.319	0.9					T__						14730220	FDSN	OE	--	BUD	iLoc	BHN	???	_		
CONA	1.04	243.5	Sg	08:58:50.578	-1.8					T__		10.4	0.50			14730221	FDSN	IR	--	ISC	iLoc	???	???	_		
CONA	1.04	243.5	Sn	08:58:53.700	-0.2					T__		0.1				14730222	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.0 1																										
VYHS	1.06	84.4	Pg	08:58:37.564	0.0					T__	6.1	0.0		MLv	1.3	14730223	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VYHS	1.06	84.4	Lg	08:58:53.514	0.4					T__						14730224	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
VYHS	1.06	84.4	Pb	08:58:36.800	-0.8					T__		0.0				14730225	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.3 0																										
MPLH	1.25	170.8	Pg	08:58:42.370	1.3					T__	2.9	0.1		MLv	2.0	14730226	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
MPLH	1.25	170.8	Sn	08:58:58.765	0.2					T__						14730227	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.0 1																										

MORC	1.39	7.9	Pn	08:58:42.512	0.2	T__	2.4	0.0	---	MLv	1.9	14730228	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
MORC	1.39	7.9	Lg	08:59:01.635	0.2	T__			---			14730229	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
MORC	1.39	7.9	Pg	08:58:42.000	-0.9	T__			---			14730230	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.9 0)																					
ARSA	1.64	225.9	Pn	08:58:46.532	1.0	T__		1.3	0.22	---		14730231	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	1.64	225.9	Lg	08:59:09.752	-1.0	T__		7.2	0.60	---		14730232	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	1.64	225.9	Pg	08:58:47.344	-0.7	T__	3.3	0.1	---	MLv	2.2	14730233	FDSN	OE	--	BUD	iLoc	BHN	BHZ	_	
ARSA	1.64	225.9	Sg	08:59:10.328	-0.4	T__			---			14730234	FDSN	OE	--	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
2016/08/04	02:53:14.34	1.10	0.93	47.6527	20.1996	11.1	4.7	103	10.0A		11	6	110	0.34	2.13	m	ke BUD	14730292	iLoc			183

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	6 BUD	14730292

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ET1H	0.32	315.8	Pg	02:53:30.247	8.9					---						14730294	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
ET1H	0.32	315.8	Lg	02:53:35.741	9.1					---						14730295	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.34	322.4	Pg	02:53:22.401	0.5					T__	6.0	0.1		---	MLv	1.2	14730296	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.34	322.4	Lg	02:53:28.253	0.7					T__				---		14730297	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.2 0)																									
KECS	0.85	12.9	Pn	02:53:31.218	0.0					T__	1.9	0.1		---	MLv	2.1	14730298	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.85	12.9	Lg	02:53:43.096	-0.8					T__				---		14730299	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.1 1)																									
CRVS	1.51	33.5	Pn	02:53:41.236	0.6					T__	2.1	0.0		---	MLv	1.3	14730300	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	1.51	33.5	Sn	02:54:00.582	-1.1					T__				---		14730301	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.3 1)																									
SIRR	1.71	143.6	Pn	02:53:44.875	1.6					T__	5.5	0.0		---	MLv	2.1	14730302	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 1)																									
MORH	1.79	217.1	Pg	02:53:49.345	-0.8					T__	1.2	0.0		---	MLv	1.7	14730303	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_
MORH	1.79	217.1	Lg	02:54:15.048	0.4					T__				---		14730304	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1)																									
KOVH	2.13	223.4	Pg	02:53:55.619	-1.0					T__	1.8	0.0		---	MLv	2.2	14730305	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_
KOVH	2.13	223.4	Lg	02:54:25.394	-0.2					T__				---		14730306	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	
2016/08/05	07:00:56.07	1.27	1.74	48.5710	19.4177	11.1	4.7	25	5.0A		11	7	166	0.44	2.46	m	ke BUD	14730518	iLoc				223

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.5	4 BUD	14730518

Sta	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	0.44	219.7	Pg	07:01:04.044	-0.9					T__	68.4	3.3		---	MLv	3.0	14730520	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.0 1)																									
A332A	0.67	290.7	Lg	07:01:19.117	-0.1					T__				---		14730521	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KECS	0.72	96.7	Lg	07:01:17.728	-3.2					T__				---		14730522	FDSN	SK	--	BUD	iLoc	EHE	???	_	
PSZ	0.73	153.8	Pg	07:01:11.921	0.5					T__	2.9	0.0		---	MLv	1.5	14730523	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.73	153.8	Lg	07:01:24.548	1.9					T__				---		14730524	FDSN	GE	--	BUD	iLoc	BHE	???	_	

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(Station ML : 1.5 1
A335A 0.73 260.6 Pg 07:01:09.706 -0.9 T__ 9.7 0.2 ___ MLv 2.2 14730525 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Station ML : 2.2 1
JAVC 1.19 284.6 Pg 07:01:20.557 1.0 T__ 1.3 0.0 ___ MLv 1.8 14730526 FDSN CZ -- BUD iLoc BHZ BHZ _
JAVC 1.19 284.6 Sn 07:01:36.822 0.7 T__ ___ 14730527 FDSN CZ -- BUD iLoc BHE ??? _
JAVC 1.19 284.6 Pn 07:01:19.500 0.8 T__ ___ 14730528 FDSN IR -- ISC iLoc ??? ??? _
JAVC 1.19 284.6 Lg 07:01:36.200 -0.5 T__ ___ 14730529 FDSN IR -- ISC iLoc ??? ??? _
(Station ML : 1.8 1
CONA 2.46 256.2 Lg 07:02:14.300 -2.5 T__ ___ 14730530 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
2016/08/05 12:26:46.16 1.07 1.33 47.1665 18.4036 6.1 4.6 82 10.4F 1.4 14 7 113 0.22 1.26 m ke BUD 14730548 iLoc 192

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Magnitude Err Nsta Author OrigID
ML 1.5 0.0 5 BUD 14730548

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Sta 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 0.22 333.7 Pg 12:26:51.132 -0.0 T__ 10.3 2.5 ___ MLv 2.3 14730550 FDSN HU -- BUD iLoc SHZ SHZ _
CSKK 0.22 333.7 Lg 12:26:54.673 -0.3 T__ ___ 14730551 FDSN HU -- BUD iLoc SHN ??? _
(Station ML : 2.3 0
A267A 0.23 166.3 Pg 12:26:51.534 0.3 T__ 3.6 0.4 ___ MLv 1.5 14730552 FDSN Z3 00 BUD iLoc HHZ HHZ _
A267A 0.23 166.3 Lg 12:26:55.341 0.3 T__ ___ 14730553 FDSN Z3 00 BUD iLoc HHN ??? _
(Station ML : 1.5 1
TIH 0.44 233.1 Lg 12:27:01.069 -1.0 T__ ___ 14730554 FDSN HU -- BUD iLoc SHN ??? _
MPLH 0.59 270.7 Pg 12:26:57.936 -0.2 T__ 2.3 0.0 ___ MLv 1.4 14730555 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.59 270.7 Lg 12:27:06.440 -0.2 T__ ___ 14730556 FDSN HU -- BUD iLoc BHE ??? _
(Station ML : 1.4 1
MORH 0.97 170.0 Pn 12:27:05.255 0.8 T__ 1.5 0.0 ___ MLv 1.4 14730557 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 0.97 170.0 Lg 12:27:17.918 -1.1 T__ ___ 14730558 FDSN HU -- BUD iLoc BHZ ??? _
(Station ML : 1.4 0
KOVH 1.10 191.1 Pg 12:27:07.966 -0.0 T__ 1.9 0.0 ___ MLv 1.5 14730559 FDSN HU -- BUD iLoc BHZ BHZ _
KOVH 1.10 191.1 Sn 12:27:21.300 -1.1 T__ ___ 14730560 FDSN IR -- ISC iLoc ??? ??? _
KOVH 1.10 191.1 Lg 12:27:22.130 -1.2 T__ ___ 14730561 FDSN HU -- BUD iLoc BHN ??? _
(Station ML : 1.5 1
PSZ 1.26 52.8 Sn 12:27:28.472 1.9 T__ ___ 14730562 FDSN GE -- BUD iLoc BHN ??? _
PSZ 1.26 52.8 Lg 12:27:26.600 -2.9 T__ ___ 14730563 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
2016/08/07 19:20:11.70 0.11 0.09 48.6798 18.9855 1.2 1.1 43 15.3F 1.1 24 92 0.37 1.75 a ke IPEC 14612071 ISC 360
2016/08/07 19:20:14.10 0.00 48.6500 18.7000 0.0A 11 a ke PRU 14612069 ISC 360
2016/08/07 19:20:11.45 1.12 1.25 48.6548 18.9733 3.8 3.6 29 9.9F 7.7 40 17 91 0.37 2.42 m ke BUD 14730829 iLoc 129

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Magnitude Err Nsta Author OrigID
ML 1.1 IPEC 14612071
ML 1.9 0.1 10 BUD 14730829

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Sta 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 0.37 294.2 Pg 19:20:19.087 0.1 T__ 8.2 0.2 ___ MLv 1.6 14730831 FDSN Z3 00 BUD iLoc HHZ HHZ _

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A332A	0.37	294.2	Lg	19:20:24.369	-0.2	T__	---				14730832	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Station ML	: 1.6	0																		
A336A	0.42	177.7	Pg	19:20:20.452	0.3	T__	5.0	0.1	---	MLv	1.6	14730833	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.42	177.7	Lg	19:20:26.064	-0.4	T__	---		---			14730834	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Station ML	: 1.6	1																		
A335A	0.47	244.1	Pg	19:20:21.020	-0.1	T__	16.3	0.4	---	MLv	2.2	14730835	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	: 2.2	0																		
LANS	0.59	33.1	Pg	19:20:22.800	-0.5	T__		0.1	---			14730836	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	0.59	33.1	Lg	19:20:30.600	-1.4	T__		0.1	---			14730837	FDSN	IR	--	ISC	iLoc	???	???	_
A331A	0.70	315.2	Pg	19:20:25.968	0.8	T__	2.6	0.1	---	MLv	1.9	14730838	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	: 1.9	1																		
JAVC	0.89	283.8	Pg	19:20:29.428	0.3	T__	1.9	0.1	---	MLv	1.9	14730839	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.89	283.8	Sn	19:20:43.580	0.7	T__			---			14730840	FDSN	CZ	--	BUD	iLoc	BHN	???	_
JAVC	0.89	283.8	Pb	19:20:28.900	-0.2	T__			---			14730841	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	0.89	283.8	Lg	19:20:39.500	-2.2	T__		5.2	0.35	---		14730843	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	: 1.9	1																		
SRO	0.95	207.9	Lg	19:20:43.612	-0.0	T__			---			14730844	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.96	139.8	Pn	19:20:30.671	0.5	T__	1.6	0.0	---	MLv	1.7	14730845	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.96	139.8	Lg	19:20:43.271	-1.8	T__			---			14730846	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML	: 1.7	1																		
MODS	1.16	256.6	Pn	19:20:34.069	1.1	T__	1.0	23.3	---	MLv	4.5	14730847	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	1.16	256.6	Sn	19:20:49.714	0.2	T__			---			14730848	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML	: 4.5	0																		
NIE	1.17	48.6	Pg	19:20:32.657	-1.0	T__	1.1	0.0	---	MLv	1.4	14730849	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.17	48.6	Lg	19:20:49.666	-0.4	T__			---			14730850	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Station ML	: 1.4	0																		
OKC	1.30	335.7	Lg	19:20:53.900	0.4	T__		8.2	1.20	---		14730851	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.46	320.7	Pn	19:20:38.192	1.1	T__	2.1	0.1	---	MLv	2.0	14730852	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	1.46	320.7	Sn	19:20:57.926	0.7	T__			---			14730853	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
MORC	1.46	320.7	Pg	19:20:38.300	-0.4	T__			---			14730854	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.46	320.7	Lg	19:20:57.200	-1.4	T__		3.7	0.35	---		14730855	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.46	320.7	Lg	19:20:57.300	-1.4	T__			---			14730856	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	: 2.0	1																		
OJC	1.66	18.7	Pn	19:20:42.184	2.0	T__	1.3	0.0	---	MLv	2.0	14730857	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.66	18.7	Sn	19:21:02.925	-0.4	T__			---			14730858	FDSN	PL	--	BUD	iLoc	BHZ	???	_
(Station ML	: 2.0	1																		
VRAC	1.70	293.5	Pn	19:20:40.900	0.6	T__			---			14730859	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.70	293.5	Sn	19:21:02.800	0.4	T__		1.1	0.26	---		14730861	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.70	293.5	Lg	19:21:03.898	-2.4	T__			---			14730862	FDSN	CZ	--	BUD	iLoc	BHN	???	_
KRUC	1.75	284.4	Pn	19:20:41.500	0.5	T__			---			14730863	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.75	284.4	Sn	19:21:04.100	0.5	T__		1.1	0.29	---		14730865	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.75	284.4	Lg	19:21:04.200	-4.0	T__			---			14730866	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	2.02	315.6	Pg	19:20:48.100	-0.3	T__			---			14730867	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	2.02	315.6	Sn	19:21:13.600	2.7	T__			---			14730868	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.42	315.5	Pg	19:20:55.800	0.3	T__			---			14730869	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.42	315.5	Lg	19:21:26.600	-1.1	T__			---			14730870	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
2016/08/08	10:44:04.61	3.22	0.46	46.0740	18.5596	37.1	6.6	150	5.0A		4	2	250	0.15	0.32	m	ke BUD	14731030	iLoc			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	
MORH	0.15	22.5	Pg	10:44:07.903	-0.1					T__	9.7	0.2		___	MLv	1.1	14731032	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.15	22.5	Lg	10:44:11.020	0.3					T__				___			14731033	FDSN	HU	--	BUD	iLoc	BHN	???	_
KOVH	0.32	272.7	Pg	10:44:11.497	0.1					T__	5.8	0.1		___	MLv	1.3	14731034	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.32	272.7	Lg	10:44:16.195	-0.3					T__				___			14731035	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	
2016/08/08	23:46:14.88	0.76	0.34	45.9319	16.2800	4.9	2.4	114	12.0F	0.0	13			6	1.14	1.42	a	ke VIE	14612369	ISC			360
2016/08/08	23:46:13.64	0.84	0.93	45.8927	16.3665	3.6	3.3	19	5.0A		29	15	61	0.25	1.62	m	ke BUD	14731177	iLoc			94	

Magnitude	Err	Nsta	Author	OrigID
ml	1.3		VIE	14612369
ML	1.8	0.2	7 BUD	14731177

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KALN	0.25	14.6	Pg	23:46:19.330	0.3					T__				___			14731179	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.25	14.6	Lg	23:46:22.540	-0.7					T__				___			14731180	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.27	256.2	Pg	23:46:19.530	0.3					T__				___			14731181	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.27	256.2	Lg	23:46:22.850	-0.7					T__				___			14731182	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.27	256.2	Pb	23:46:19.727	0.5					T__	4.7	0.3		___	MLv	1.6	14731183	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.27	256.2	Sg	23:46:23.974	0.4					T__				___			14731184	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Station ML : 1.6 1																									
PTJ	0.28	273.1	Pg	23:46:19.444	0.1					T__	4.0	0.2		___	MLv	1.5	14731185	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.28	273.1	Lg	23:46:23.356	-0.4					T__				___			14731186	FDSN	CR	--	BUD	iLoc	BHE	???	_
PTJ	0.28	273.1	Pb	23:46:19.290	-0.4					T__				___			14731187	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	0.28	273.1	Sg	23:46:22.830	-1.5					T__				___			14731188	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.5 0																									
LOBO	0.33	321.8	Pg	23:46:20.560	0.0					T__				___			14731189	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.39	135.7	Pg	23:46:21.440	-0.3					T__				___			14731190	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.39	135.7	Lg	23:46:26.010	-1.7					T__				___			14731191	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.56	351.8	Pg	23:46:25.890	1.0					T__	3.4	0.3		___	MLv	2.3	14731192	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.3 0																									
BEHE	0.64	26.0	Pg	23:46:27.648	1.0					T__	3.6	0.2		___	MLv	2.2	14731193	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																									
OZLJ	0.69	246.5	Pg	23:46:28.340	1.4					T__				___			14731194	FDSN	IR	--	ISC	iLoc	???	???	_
A251A	0.77	185.3	Pg	23:46:28.260	-0.1					T__				___			14731195	FDSN	IR	--	ISC	iLoc	???	???	_
A251A	0.77	185.3	Lg	23:46:37.840	-1.6					T__				___			14731196	FDSN	IR	--	ISC	iLoc	???	???	_
A273A	1.01	88.1	Sn	23:46:49.192	-0.3					T__				___			14731197	FDSN	Z3	--	BUD	iLoc	HHN	???	_
SOKA	1.21	310.8	Pn	23:46:37.023	0.4					T__			0.5	0.38	___		14731198	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.21	310.8	Lg	23:46:52.451	-1.6					T__			1.1	0.40	___		14731199	FDSN	IR	--	ISC	iLoc	???	???	_
KOVH	1.22	80.2	Pg	23:46:38.757	0.6					T__	1.5	0.0		___	MLv	1.8	14731200	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.22	80.2	Sn	23:46:55.164	0.5					T__				___			14731201	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 1																									
BLY	1.25	152.2	Pg	23:46:39.667	1.7					T__	1.5	0.0		___	MLv	1.8	14731202	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.25	152.2	Lg	23:46:56.357	1.0					T__				___			14731203	FDSN	MN	--	BUD	iLoc	BHN	???	_
(Station ML : 1.8 1																									
ARSA	1.48	337.1	Lg	23:47:02.574	-0.0					T__				___			14731204	FDSN	OE	--	BUD	iLoc	BHE	???	_
ARSA	1.48	337.1	Sg	23:47:02.281	-0.3					T__		0.8	0.22	___			14731205	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.62	77.7	Pg	23:46:45.554	0.1					T__	1.2	0.0		___	MLv	2.0	14731206	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.62	77.7	Lg	23:47:06.756	-1.1					T__				___			14731207	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  
 2016/08/09 01:59:33.69 1.14 0.84 47.4078 18.2260 6.3 5.4 74 3.7F 9.0 12 7 131 0.05 1.23 m ke BUD 14731240 iLoc 145

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.4 6 BUD 14731240

Sta	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	152.1	Pg	01:59:35.164	-0.0					T__	34.9	10.5		MLv	2.5	14731242	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.05	152.1	Lg	01:59:35.923	-0.6					T__						14731243	FDSN	HU	--	BUD	iLoc	SHN	???	_
				(Station ML : 2.5 0)																				
A268A	0.21	276.6	Pg	01:59:37.447	-0.7					T__	2.6	0.1		MLv	0.7	14731244	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.21	276.6	Lg	01:59:40.961	-0.5					T__						14731245	FDSN	Z3	00	BUD	iLoc	HHE	???	_
				(Station ML : 0.7 0)																				
SR0	0.41	8.3	Lg	01:59:48.696	0.5					T__						14731246	FDSN	SK	--	BUD	iLoc	EHN	???	_
MPLH	0.52	243.3	Pg	01:59:44.334	0.1					T__	2.0	0.0		MLv	1.4	14731247	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.52	243.3	Lg	01:59:53.129	1.1					T__						14731248	FDSN	HU	--	BUD	iLoc	BHN	???	_
				(Station ML : 1.4 1)																				
TIH	0.56	204.6	Pg	01:59:45.170	0.2					T__	1.5	0.1		MLv	1.9	14731249	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
				(Station ML : 1.9 1)																				
VYHS	1.16	20.4	Pn	01:59:56.483	0.8					T__	0.9	0.0		MLv	0.9	14731250	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_
VYHS	1.16	20.4	Sn	02:00:11.539	-1.0					T__						14731251	FDSN	SK	--	BUD	iLoc	HHN	???	_
				(Station ML : 0.9 1)																				
MORH	1.23	166.3	Pn	01:59:56.901	0.5					T__	1.5	0.0		MLv	1.6	14731252	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.23	166.3	Sn	02:00:13.114	-1.1					T__						14731253	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  
 2016/08/09 06:33:24.27 1.38 0.83 47.3131 17.6617 6.5 4.7 158 0.0S 9 5 121 0.17 1.29 m kx BUD 14731279 iLoc 206

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.0 5 BUD 14731279

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MPLH	0.17	210.2	Pg	06:33:28.374	0.2					T__	11.5	0.3		MLv	1.3	14731281	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.17	210.2	Lg	06:33:30.955	-0.3					T__						14731282	FDSN	HU	--	BUD	iLoc	BHZ	???	_
				(Station ML : 1.3 0)																				
A268A	0.21	56.3	Pg	06:33:29.777	0.6					T__	9.2	0.4		MLv	1.5	14731283	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.21	56.3	Lg	06:33:33.493	0.6					T__						14731284	FDSN	Z3	00	BUD	iLoc	HHN	???	_
				(Station ML : 1.5 1)																				
EGYH	0.25	294.8	Pg	06:33:30.121	0.3					T__	3.1	0.3		MLv	1.5	14731285	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.25	294.8	Lg	06:33:33.482	-0.6					T__						14731286	FDSN	HU	--	BUD	iLoc	SHN	???	_
				(Station ML : 1.5 1)																				
CSKK	0.41	82.8	Pg	06:33:32.809	-0.1					T__	2.3	0.8		MLv	2.3	14731287	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.41	82.8	Lg	06:33:38.026	-1.5					T__						14731288	FDSN	HU	--	BUD	iLoc	SHN	???	_
				(Station ML : 2.3 0)																				
MORH	1.29	148.0	Pg	06:33:50.593	0.7					T__	1.1	0.0		MLv	1.8	14731289	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2016/08/09 08:18:22.66 1.86 0.49 46.0633 22.8641 11.5 6.0 77 5.8F 24.8 9 5 180 0.18 0.96 m ke BUD 14731311 iLoc 248

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.1 5 BUD 14731311

Sta	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	172.3	Pg	08:18:26.270	0.0				T__		17.0	1.2		---	MLv	1.9	14731313	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	0.18	172.3	Lg	08:18:29.078	0.1				T__					---		14731314	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1																									
GZR	0.67	185.3	Pg	08:18:35.680	-0.0				T__		3.3	0.1		---	MLv	1.8	14731315	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.67	185.3	Lg	08:18:45.094	-0.3				T__					---		14731316	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
DRGR	0.74	351.8	Pg	08:18:37.658	0.2				T__		1.7	0.1		---	MLv	1.7	14731317	FDSN	RO	--	BUD	iLoc	BHN	BHZ	_
(Station ML : 1.7 0																									
SIRR	0.86	284.0	Pg	08:18:40.290	0.2				T__		3.3	0.1		---	MLv	1.9	14731318	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.86	284.0	Lg	08:18:52.352	-0.8				T__					---		14731319	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 0																									
BZS	0.96	243.0	Pg	08:18:42.074	0.6				T__		2.2	0.0		---	MLv	1.7	14731320	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.96	243.0	Lg	08:18:55.408	-0.2				T__					---		14731321	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  
 2016/08/09 09:43:08.23 0.92 2.35 48.5898 20.7851 8.8 3.6 147 0.0A 18 9 150 0.23 1.30 m ke BUD 14731371 iLoc 166

Magnitude Err Nsta Author OrigID  
 ML 2.1 0.4 5 BUD 14731371

Sta	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	241.9	Pg	09:43:11.622	-1.3				T__		38.2	2.7		---	MLv	2.4	14731373	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.23	241.9	Lg	09:43:15.353	-1.2				T__					---		14731374	FDSN	SK	--	BUD	iLoc	EHE	???	_	
KECS	0.23	241.9	Pb	09:43:16.300	3.4				T__			2.7		---		14731375	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.4 1																									
CRVS	0.55	54.8	Pg	09:43:33.700	15.0				---			0.0		---		14731376	FDSN	IR	--	ISC	iLoc	???	???	_	
CRVS	0.55	54.8	Pb	09:43:18.748	0.0				T__		2.3	0.0		---	MLv	1.2	14731377	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.55	54.8	Lg	09:43:26.923	-0.9				T__					---		14731378	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.2 0																									
NIE	0.89	339.1	Pn	09:43:29.300	2.0				T__			0.1		---		14731379	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.90	221.9	Pg	09:43:27.000	-0.1				T__			0.1		---		14731380	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.90	221.9	Pb	09:43:25.098	-2.0				T__		2.5	0.1		---	MLv	2.1	14731381	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.90	221.9	Lg	09:43:37.729	-3.3				T__					---		14731382	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.1 1																									
ET1H	0.94	221.0	Pn	09:43:34.394	6.6				---					---		14731383	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
ET1H	0.94	221.0	Sn	09:43:48.707	5.5				T__					---		14731384	FDSN	HU	--	BUD	iLoc	HHN	???	_	
LANS	1.04	303.3	Pg	09:43:27.400	-1.1				T__			0.1		---		14731385	FDSN	IR	--	ISC	iLoc	???	???	_	
LANS	1.04	303.3	Pn	09:43:31.400	2.1				T__			0.1		---		14731386	FDSN	IR	--	ISC	iLoc	???	???	_	
KOLS	1.04	70.2	Pg	09:43:26.820	-1.2				T__		6.9	11.1		---	MLv	4.1	14731387	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.04	70.2	Pn	09:43:39.200	9.5				---			11.1		---		14731388	FDSN	IR	--	ISC	iLoc	???	???	_	
KOLS	1.04	70.2	Lg	09:43:43.654	-1.2				T__					---		14731389	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 4.1 0																									

A336A	1.24	254.0	Sn	09:43:50.506	-0.1	T__									14731390	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
VYHS	1.30	266.5	Pn	09:43:33.300	0.4	T__			0.0						14731391	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	1.30	266.5	Pg	09:43:32.188	-1.9	T__	1.4		0.0				MLv	1.2	14731392	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	266.5	Sn	09:43:49.867	-2.5	T__									14731393	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
2016/08/10	08:11:06.36	1.38	0.89	48.5961	20.7538	20.6	4.5	149	3.3F	14.2	9	6	150	0.21	1.28	m	ke BUD	14731343	iLoc			178

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.5	4 BUD	14731343

Sta	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	237.7	Pg	08:11:10.371	-0.3					T__	17.0	1.2		MLv	2.0	14731345	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	237.7	Lg	08:11:14.433	0.4					T__						14731346	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.0 1																								
CRVS	0.56	56.5	Pg	08:11:17.042	0.1					T__	1.8	0.0		MLv	1.0	14731347	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.0 1																								
PSZ	0.89	220.6	Pg	08:11:25.497	0.6					T__	1.6	0.0		MLv	1.6	14731348	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.89	220.6	Lg	08:11:37.237	-1.2					T__						14731349	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.6 1																								
MASL	0.92	62.7	Pn	08:11:26.283	0.8					T__						14731350	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KOLS	1.06	70.9	Lg	08:11:42.154	-1.1					T__						14731351	FDSN	SK	--	BUD	iLoc	HHE	???	_
VYHS	1.28	266.1	Pn	08:11:30.505	0.2					T__	1.7	0.0		MLv	1.0	14731352	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.28	266.1	Sn	08:11:48.826	-0.3					T__						14731353	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
2016/08/11	09:58:40.32	1.27	0.97	48.6008	20.7662	26.5	4.8	143	0.0A		7	4	164	0.22	1.29	m	ke BUD	14731423	iLoc			314

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.5	4 BUD	14731423

Sta	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	237.9	Pg	09:58:44.581	-0.3					T__	11.4	0.5		MLv	1.6	14731425	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.22	237.9	Lg	09:58:48.641	0.2					T__						14731426	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 1.6 1																								
CRVS	0.55	56.5	Pg	09:58:51.484	0.6					T__	1.9	0.0		MLv	0.9	14731427	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.55	56.5	Lg	09:58:58.831	-1.2					T__						14731428	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 0.9 1																								
PSZ	0.90	220.8	Pg	09:58:59.970	0.8					T__	2.2	0.0		MLv	1.6	14731429	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.90	220.8	Lg	09:59:12.006	-1.1					T__						14731430	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.6 1																								
VYHS	1.29	266.0	Pn	09:59:04.986	0.2					T__	1.1	0.0		MLv	0.9	14731431	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
2016/08/12	03:03:50.80	0.20	0.13	47.7053	16.1674	3.5	0.7	102	4.8F	1.5	17	189		0.06	1.63	a	ke IPEC	14612548	ISC			360
2016/08/12	03:03:51.30	0.00		47.6900	16.1700				0.0A		9					a	ke PRU	14612551	ISC			360

2016/08/12 03:03:51.63	0.16	0.33	47.6820	16.1246	1.2	0.8	142	2.1F	1.8	19	4	0.12	0.59	a	ke VIE	14612553	ISC		360
2016/08/12 03:03:50.57	0.93	0.91	47.6629	16.1498	5.2	4.6	106	9.8F	5.1	23	10	109	0.04	2.26	m	ke BUD	14731591	iLoc	172

Magnitude	Err	Nsta	Author	OrigID
ML	1.2		IPEC	14612548
mb	0.7		VIE	14612553
m1	1.4		VIE	14612553
ML	2.3	0.0	5 BUD	14731591

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
AO09A	0.04	290.0	Pg	03:03:52.451	-0.2					T__	19.4	3.5		---	MLv	2.0	14731593	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.0 1																									
RONA	0.11	69.6	Pg	03:03:54.140	0.6					T__		22.4	0.12	---		14731594	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	0.11	69.6	Lg	03:03:55.883	0.0					T__		75.8	0.10	---		14731595	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	0.28	85.6	Lg	03:04:01.067	0.2					T__				---		14731596	FDSN	HU	--	BUD	iLoc	BHN	???	_	
CONA	0.33	323.9	Pg	03:03:57.180	-0.3					T__	0.6	0.1		---	MLv	1.3	14731597	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.33	323.9	Lg	03:04:03.485	0.7					T__				---		14731598	FDSN	OE	--	BUD	iLoc	BHE	???	_	
CONA	0.33	323.9	Pb	03:03:57.030	-0.5					T__		0.1	0.08	---		14731599	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	0.33	323.9	Sg	03:04:01.688	-1.1					T__		3.2	0.14	---		14731600	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.3 0																									
ARSA	0.59	226.1	Lg	03:04:10.868	0.1					T__		1.4	0.12	---		14731601	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	0.59	226.1	Pg	03:04:02.787	0.6					T__	0.8	0.3		---	MLv	2.3	14731602	FDSN	OE	--	BUD	iLoc	BHN	BHZ	_
ARSA	0.59	226.1	Sg	03:04:10.655	-0.1					T__				---		14731603	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.3 1																									
MPLH	1.06	117.1	Pn	03:04:09.241	-1.3					T__	1.4	0.2		---	MLv	2.3	14731604	FDSN	HU	--	BUD	iLoc	BHE	BHZ	_
(Station ML : 2.3 1																									
KRUC	1.41	6.6	Pn	03:04:16.300	1.0					T__				---		14731605	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.41	6.6	Sn	03:04:33.600	-0.8					T__		2.3	0.34	---		14731607	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.41	6.6	Pg	03:04:16.801	-0.6					T__	1.5	0.3		---	MLv	2.8	14731608	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	1.41	6.6	Lg	03:04:35.310	-0.7					T__				---		14731609	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.8 0																									
VRAC	1.67	10.0	Pn	03:04:20.100	1.1					T__				---		14731610	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.67	10.0	Sn	03:04:42.200	1.5					T__		2.0	0.41	---		14731612	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.67	10.0	Sn	03:04:42.300	1.5					T__				---		14731613	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	1.69	313.9	Lg	03:04:45.053	0.1					T__				---		14731614	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
KHC	2.26	311.6	Lg	03:05:01.800	-1.1					T__				---		14731615	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
2016/08/12	03:16:35.70	0.11	0.26	47.6867	16.1034	1.8	1.2	88	8.7F	1.0	21	102	0.01	1.66	a	ke IPEC	14612596	ISC			360	
2016/08/12	03:16:36.20	0.00		47.7500	16.1400				0.0A		18				a	ke PRU	14612599	ISC			360	
2016/08/12	03:16:35.10	0.17	0.68	47.6722	16.1135	1.5	1.1	146	4.0F	0.0	35	4	0.13	1.97	a	ke VIE	14612592	ISC			360	
2016/08/12	03:16:35.60	0.83	1.30	47.7069	16.1216	2.6	2.6	179	4.1F	0.5	63	39	33	0.04	3.48	m	ke BUD	14731644	iLoc			40

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		IPEC	14612596
mb	1.7		VIE	14612592
m1	2.2		VIE	14612592
ML	2.4	0.2	25 BUD	14731644

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
AO09A	0.04	215.6	Pg	03:16:36.983	0.2					T__	182.8	24.4		---	MLv	2.8	14731646	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A009A	0.04	215.6	Lg	03:16:37.633	-0.1	T__	---	---	14731647	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
(Station ML : 2.8 1																				
RONA	0.12	93.4	Pg	03:16:38.666	0.3	T__	---	116.0 0.08	---	14731648	FDSN	IR	--	ISC	iLoc	???	???	_		
RONA	0.12	93.4	Lg	03:16:40.403	-0.1	T__	999.9	531.1 0.10	---	14731649	FDSN	IR	--	ISC	iLoc	???	???	_		
CONA	0.28	321.8	Pg	03:16:41.719	0.2	T__	4.6	0.3	---	MLv	1.6	14731650	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.28	321.8	Lg	03:16:47.090	1.2	T__	---	21.9 0.16	---	14731651	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.6 0																				
SOP	0.30	94.4	Pg	03:16:42.046	0.3	T__	1.0	0.2	---	MLv	1.5	14731652	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.30	94.4	Lg	03:16:45.640	-0.6	T__	---	---	---	14731653	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.5 0																				
A004A	0.32	35.8	Pg	03:16:43.098	1.1	T__	3.3	0.5	---	MLv	1.9	14731654	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.9 0																				
A260A	0.58	136.7	Pg	03:16:47.225	-0.1	T__	1.8	0.3	---	MLv	2.3	14731655	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.3 1																				
ARSA	0.61	221.9	Lg	03:16:55.386	-0.9	T__	---	12.3 0.12	---	14731656	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	0.61	221.9	Pg	03:16:47.189	-0.3	T__	1.3	0.2	---	MLv	2.2	14731657	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.61	221.9	Sg	03:16:55.949	-0.3	T__	---	---	---	14731658	FDSN	OE	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.2 1																				
A003A	0.63	84.9	Pg	03:16:48.778	0.4	T__	1.5	0.4	---	MLv	2.4	14731659	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A003A	0.63	84.9	Lg	03:16:57.911	0.4	T__	---	---	---	14731660	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
(Station ML : 2.4 1																				
A010A	0.63	182.6	Pg	03:16:48.444	0.4	T__	1.5	0.4	---	MLv	2.5	14731661	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.5 1																				
A008A	0.73	334.7	Pg	03:16:50.482	0.7	T__	1.6	0.3	---	MLv	2.4	14731662	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.4 1																				
A019A	0.75	249.9	Pg	03:16:50.216	-0.1	T__	1.5	0.2	---	MLv	2.2	14731663	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.2 0																				
ZST	0.82	53.0	Pg	03:16:51.631	-0.4	T__	2.8	1.1	---	MLv	3.0	14731664	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.0 0																				
EGYH	0.87	109.1	Pn	03:16:54.625	1.0	T__	1.0	0.2	---	MLv	2.4	14731665	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.87	109.1	Lg	03:17:05.231	-0.3	T__	---	---	---	14731666	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.4 1																				
A262A	0.89	161.7	Pg	03:16:53.782	0.6	T__	1.7	0.3	---	MLv	2.4	14731667	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.4 1																				
A001A	1.07	16.9	Lg	03:17:12.026	0.5	T__	---	---	---	14731668	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
MPLH	1.10	118.6	Pn	03:16:57.658	0.8	T__	1.7	0.3	---	MLv	2.6	14731669	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.10	118.6	Lg	03:17:12.829	-0.3	T__	---	---	---	14731670	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.6 1																				
A268A	1.25	102.1	Pg	03:17:00.310	0.0	T__	1.1	0.2	---	MLv	2.4	14731671	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	1.25	102.1	Sn	03:17:15.627	-1.3	T__	---	---	---	14731672	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 2.4 1																				
MOA	1.26	277.2	Pg	03:17:00.672	0.7	T__	8.6	0.9 0.12	---	---	14731673	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	1.26	277.2	Sn	03:17:17.501	-0.0	T__	---	22.0 0.30	---	---	14731674	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	1.26	176.0	Pn	03:17:00.181	0.9	T__	2.3	0.7	---	MLv	3.0	14731675	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.0 0																				
SOKA	1.27	216.2	Pn	03:16:58.917	-0.3	T__	7.9	4.0 0.24	---	---	14731676	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.27	216.2	Sn	03:17:16.985	-0.6	T__	---	1.6 0.24	---	---	14731677	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	1.32	159.9	Pg	03:17:01.904	0.2	T__	1.1	0.2	---	MLv	2.6	14731678	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.6 1																				
KRUC	1.37	7.6	Pn	03:17:01.040	0.6	T__	0.8	0.1	---	MLv	2.3	14731679	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	1.37	7.6	Sn	03:17:19.646	-0.0	T__	---	---	---	14731680	FDSN	CZ	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.3 1																				
CSKK	1.49	102.6	Sn	03:17:22.818	0.0	T__	---	---	---	14731681	FDSN	HU	--	BUD	iLoc	SHE	???	_		

JAVC	1.55	41.3	Pg	03:17:05.411	-0.6	T__	0.7	0.3	---	MLv	2.8	14731682	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	1.55	41.3	Pn	03:17:04.800	1.5	T__			---			14731683	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.8 1																				
OBKA	1.61	222.5	Pg	03:17:06.565	0.3	T__	1.3	0.3	---	MLv	2.9	14731684	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.9 1																				
VRAC	1.63	10.9	Pn	03:17:04.900	0.7	T__			---			14731685	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.63	10.9	Pg	03:17:05.120	-1.7	T__	1.0	0.2	---	MLv	2.8	14731687	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
VRAC	1.63	10.9	Sn	03:17:26.445	0.4	T__			---			14731688	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML : 2.8 1																				
TREC	1.64	345.4	Sn	03:17:27.600	1.0	T__		12.0	0.40	---		14731689	FDSN	IR	--	ISC	iLoc	???	???	_
TREC	1.64	345.4	Lg	03:17:27.920	-1.2	T__			---			14731690	FDSN	CZ	--	BUD	iLoc	BHN	???	_
CKRC	1.65	313.3	Pg	03:17:06.515	-0.4	T__	1.0	0.6	---	MLv	3.2	14731691	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
CKRC	1.65	313.3	Sn	03:17:28.106	1.3	T__			---			14731692	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML : 3.2 0																				
BIOA	1.68	270.4	Pg	03:17:08.161	-0.4	T__		1.4	0.10	---		14731693	FDSN	IR	--	ISC	iLoc	???	???	_
BIOA	1.68	270.4	Sn	03:17:29.936	2.2	T__	9.8	23.8	0.38	---		14731694	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	1.98	65.6	Pn	03:17:09.173	0.0	T__	1.1	0.0	---	MLv	2.1	14731695	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.1 0																				
KBA	1.99	252.6	Pg	03:17:12.674	-1.7	T__		0.5	0.20	---		14731696	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	1.99	252.6	Lg	03:17:40.011	-1.6	T__		2.9	0.35	---		14731697	FDSN	IR	--	ISC	iLoc	???	???	_
KOVH	2.11	139.3	Pn	03:17:11.244	0.2	T__	0.8	0.2	---	MLv	2.9	14731698	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.9 0																				
KHC	2.21	311.0	Pn	03:17:15.000	2.8	T__			---			14731699	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.21	311.0	Lg	03:17:45.200	-2.0	T__			---			14731700	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.28	23.9	Sn	03:17:42.490	0.4	T__			---			14731701	FDSN	CZ	--	BUD	iLoc	BHE	???	_
MORC	2.28	23.9	Pn	03:17:14.900	1.6	T__			---			14731702	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.28	23.9	Lg	03:17:42.200	-6.5	T__			---			14731703	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	2.28	129.9	Pn	03:17:13.343	0.1	T__	0.8	0.2	---	MLv	3.1	14731704	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.1 0																				
PRU	2.51	336.0	Lg	03:17:53.000	-2.8	T__			---			14731705	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.65	2.8	Lg	03:17:57.700	-1.2	T__			---			14731706	FDSN	IR	--	ISC	iLoc	???	???	_
OSTC	2.85	1.2	Lg	03:18:05.500	0.5	T__			---			14731707	FDSN	IR	--	ISC	iLoc	???	???	_
BRG	3.48	336.6	Lg	03:18:25.850	-0.6	T__			---			14731708	FDSN	IR	--	ISC	iLoc	???	???	_
BRG	3.48	336.6	x	03:18:27.560	-99.0	---		3.1	0.63	---		14731709	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  
 2016/08/12 06:21:00.78 1.14 0.50 48.6312 19.1484 7.2 5.6 129 5.0A 8 5 122 0.25 1.56 m ke BUD 14731825 iLoc 214

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 3 BUD 14731825

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.25	236.6	Pg	06:21:06.216	0.2					T__	5.0	0.0	---	MLv	0.2	14731827	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.25	236.6	Lg	06:21:09.863	-0.0					T__			---			14731828	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 0.2 1																								
LANS	0.56	22.0	Pg	06:21:12.274	0.4					T__	4.0	0.1	---	MLv	1.5	14731829	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.56	22.0	Lg	06:21:20.098	-0.1					T__			---			14731830	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 1.5 1																								
PSZ	0.87	144.8	Pn	06:21:18.314	-0.6					T__	2.0	0.0	---	MLv	1.5	14731831	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	144.8	Lg	06:21:32.566	0.6					T__			---			14731832	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1																								



JAVC	1.00	283.7	Lg	06:21:35.573	0.5	T__	---	14731833	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MORC	1.56	318.0	Sn	06:21:49.701	-0.3	T__	---	14731834	FDSN	CZ	--	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
2016/08/12	13:02:58.14	2.09	0.62	45.5452	17.3089	10.3	6.3	130	15.0F	19.8	9	5	133	0.76	1.15	m	ke BUD	14731848	iLoc			237

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	4 BUD	14731848

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BLY	0.76	186.8	Pn	13:03:14.077	0.4					T__	1.5	0.0		---	MLv	1.6	14731850	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	0.76	186.8	Lg	13:03:23.455	-0.4					T__				---		14731851	FDSN	MN	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
KOVH	0.78	45.2	Pn	13:03:13.248	-0.5					T__	2.3	0.0		---	MLv	1.5	14731852	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.78	45.2	Lg	13:03:25.213	0.2					T__				---		14731853	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.5 1																									
BEHE	1.00	338.3	Sn	13:03:32.001	0.1					T__				---		14731854	FDSN	HU	--	BUD	iLoc	BHN	???	_	
PTJ	1.01	291.6	Pn	13:03:17.696	0.5					T__	2.2	0.1		---	MLv	1.9	14731855	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.01	291.6	Sn	13:03:31.211	-0.9					T__				---		14731856	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1																									
MORH	1.15	53.8	Pn	13:03:18.908	0.1					T__	2.8	0.0		---	MLv	1.8	14731857	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.15	53.8	Sn	13:03:35.368	0.4					T__				---		14731858	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	
2016/08/12	14:33:45.70	0.24		45.8300	16.2670	0.0	0.0		5.5F	2.8	21			0.56	1.70	a	ke RHSSO	14612669	ISC				360
2016/08/12	14:33:45.17	0.58	0.44	45.9346	16.2982	3.6	2.3	110	2.2F	4.8	24		4	1.15	2.02	a	ke VIE	14612665	ISC				360
2016/08/12	14:33:44.61	0.81	1.45	45.8431	16.3314	2.7	2.6	163	7.8F	5.8	61	27	49	0.24	2.11	m	ke BUD	14731876	iLoc				83

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		RHSSO	14612669
mb	1.6		VIE	14612665
m1	1.8		VIE	14612665
ML	2.0	0.1	10 BUD	14731876

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ZAG	0.24	266.3	Pg	14:33:50.190	0.5					T__				---		14731878	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.24	266.3	Lg	14:33:53.640	0.0					T__				---		14731879	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.24	266.3	Pb	14:33:50.521	0.8					T__	7.2	1.3		---	MLv	2.1	14731880	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.24	266.3	Sg	14:33:54.425	0.8					T__				---		14731881	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.1 1																									
PTJ	0.26	284.3	Pg	14:33:49.859	-0.2					T__	32.0	1.0		---	MLv	2.0	14731882	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.26	284.3	Lg	14:33:53.462	-0.8					T__				---		14731883	FDSN	CR	--	BUD	iLoc	BHN	???	_	
PTJ	0.26	284.3	Pb	14:33:49.740	-0.6					T__				---		14731884	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	0.26	284.3	Sg	14:33:53.240	-1.7					T__				---		14731885	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.0 1																									
KALN	0.30	16.7	Pg	14:33:49.910	-1.2					T__				---		14731886	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.30	16.7	Lg	14:33:53.200	-2.9					T__				---		14731887	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	0.36	329.7	Pg	14:33:50.890	-1.2					T__				---		14731888	FDSN	IR	--	ISC	iLoc	???	???	_	

LOBO	0.36	329.7	Lg	14:33:55.900	-1.8	T__				14731889	FDSN	IR	--	ISC	iLoc	???	???	_			
MOSL	0.37	127.6	Pg	14:33:51.850	-0.6	T__				14731890	FDSN	IR	--	ISC	iLoc	???	???	_			
MOSL	0.37	127.6	Lg	14:33:56.930	-1.4	T__				14731891	FDSN	IR	--	ISC	iLoc	???	???	_			
KOGS	0.61	354.7	Pg	14:33:57.771	1.0	T__	7.5	1.2	---	MLv	2.9	14731892	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	0.61	354.7	Lg	14:34:07.220	1.6	T__				14731893	FDSN	SL	--	BUD	iLoc	BHN	???	_			
(Station ML : 2.9 0)																					
CRES	0.61	268.7	Pg	14:33:56.720	0.1	T__	9.7	0.8	---	MLv	2.8	14731894	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	0.61	268.7	Lg	14:34:06.045	0.0	T__				14731895	FDSN	SL	--	BUD	iLoc	BHN	???	_			
CRES	0.61	268.7	Pb	14:33:56.300	-0.3	T__				14731896	FDSN	IR	--	ISC	iLoc	???	???	_			
CRES	0.61	268.7	Sg	14:34:04.000	-2.0	T__				14731897	FDSN	IR	--	ISC	iLoc	???	???	_			
(Station ML : 2.8 0)																					
OZLJ	0.65	249.7	Pg	14:33:58.780	1.6	T__				14731898	FDSN	IR	--	ISC	iLoc	???	???	_			
OZLJ	0.65	249.7	Lg	14:34:06.330	-0.6	T__				14731899	FDSN	IR	--	ISC	iLoc	???	???	_			
BEHE	0.70	26.0	Pg	14:33:59.400	0.7	T__				14731900	FDSN	IR	--	ISC	iLoc	???	???	_			
BEHE	0.70	26.0	Lg	14:34:09.700	0.5	T__				14731901	FDSN	IR	--	ISC	iLoc	???	???	_			
BEHE	0.70	26.0	Pb	14:33:58.063	-0.7	T__	5.6	0.4	---	MLv	2.5	14731902	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
BEHE	0.70	26.0	Sg	14:34:08.889	-0.3	T__				14731903	FDSN	HU	--	BUD	iLoc	BHE	???	_			
(Station ML : 2.5 1)																					
BOJS	0.83	246.3	Pg	14:34:00.200	-0.5	T__				14731904	FDSN	IR	--	ISC	iLoc	???	???	_			
BOJS	0.83	246.3	Lg	14:34:10.300	-2.5	T__				14731905	FDSN	IR	--	ISC	iLoc	???	???	_			
A051A	0.92	153.8	Pg	14:34:01.900	-1.0	T__				14731906	FDSN	IR	--	ISC	iLoc	???	???	_			
A051A	0.92	153.8	Lg	14:34:15.500	-0.8	T__				14731907	FDSN	IR	--	ISC	iLoc	???	???	_			
PLIT	1.09	207.6	Pg	14:34:05.260	-0.6	T__				14731908	FDSN	IR	--	ISC	iLoc	???	???	_			
BLY	1.21	150.1	Lg	14:34:23.704	-1.3	T__				14731909	FDSN	MN	--	BUD	iLoc	BHE	???	_			
SOKA	1.23	313.3	Pg	14:34:06.742	-1.4	T__		1.0	0.20	---	14731910	FDSN	IR	--	ISC	iLoc	???	???	_		
SOKA	1.23	313.3	Lg	14:34:22.878	-2.3	T__		1.1	0.20	---	14731911	FDSN	IR	--	ISC	iLoc	???	???	_		
BLY	1.25	150.9	Pn	14:34:08.100	0.2	T__				14731912	FDSN	IR	--	ISC	iLoc	???	???	_			
BLY	1.25	150.9	Sg	14:34:26.100	-0.0	T__				14731913	FDSN	IR	--	ISC	iLoc	???	???	_			
KOVH	1.26	78.1	Pn	14:34:09.118	1.2	T__	4.1	0.1	---	MLv	2.0	14731914	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.0 1)																					
CEY	1.34	266.2	Pg	14:34:09.600	-0.1	T__				14731915	FDSN	IR	--	ISC	iLoc	???	???	_			
CEY	1.34	266.2	Lg	14:34:26.000	-2.6	T__				14731916	FDSN	IR	--	ISC	iLoc	???	???	_			
OBKA	1.41	298.9	Pn	14:34:11.000	1.0	T__				14731917	FDSN	IR	--	ISC	iLoc	???	???	_			
OBKA	1.41	298.9	Sn	14:34:29.500	-0.3	T__				14731918	FDSN	IR	--	ISC	iLoc	???	???	_			
OBKA	1.41	298.9	Lg	14:34:29.850	-0.9	T__		5.3	0.40	---	14731919	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.41	298.9	Pg	14:34:11.833	0.4	T__	2.0	0.0	---	MLv	1.8	14731920	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 1.8 0)																					
ARSA	1.51	338.7	Pn	14:34:13.532	2.2	T__	2.4	0.0	---	MLv	1.9	14731921	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
ARSA	1.51	338.7	Pg	14:34:12.574	-1.3	T__		1.1	0.25	---	14731922	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.51	338.7	Pb	14:34:13.200	-0.7	T__				14731923	FDSN	IR	--	ISC	iLoc	???	???	_			
ARSA	1.51	338.7	Sn	14:34:32.152	0.3	T__		3.4	0.30	---	14731924	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.51	338.7	Lg	14:34:33.100	-1.3	T__				14731925	FDSN	IR	--	ISC	iLoc	???	???	_			
(Station ML : 1.9 0)																					
MGRS	1.52	159.2	Sn	14:34:34.500	1.8	T__				14731926	FDSN	IR	--	ISC	iLoc	???	???	_			
MPLH	1.57	31.7	Pn	14:34:13.746	1.6	T__	2.0	0.0	---	MLv	2.0	14731927	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.0 1)																					
SKDS	1.65	260.5	Pn	14:34:14.600	1.1	T__				14731928	FDSN	IR	--	ISC	iLoc	???	???	_			
SKDS	1.65	260.5	Sn	14:34:35.500	-0.5	T__				14731929	FDSN	IR	--	ISC	iLoc	???	???	_			
MORH	1.65	76.2	Pn	14:34:15.500	2.2	T__				14731930	FDSN	IR	--	ISC	iLoc	???	???	_			
MORH	1.65	76.1	Pg	14:34:15.900	-1.2	T__	2.8	0.0	---	MLv	1.9	14731931	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	1.65	76.1	Sn	14:34:37.217	1.9	T__				14731932	FDSN	HU	--	BUD	iLoc	BHN	???	_			
(Station ML : 1.9 1)																					
SMRN	1.73	243.0	Pn	14:34:16.680	1.9	T__				14731933	FDSN	IR	--	ISC	iLoc	???	???	_			

RONA	1.86	359.3	Pn	14:34:16.568	0.3				T__	0.6	0.12	---		14731934	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	1.86	359.3	Sn	14:34:40.485	-0.3				T__	0.4	0.12	---		14731935	FDSN	IR	--	ISC	iLoc	???	???	_
BRJN	2.05	243.7	Pn	14:34:20.400	1.0				T__			---		14731936	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	2.11	351.4	Pn	14:34:20.636	0.8				T__	0.6	0.22	---		14731937	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	2.11	351.4	Sn	14:34:52.143	5.0				T__	2.4	0.42	---		14731938	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
2016/08/12	21:54:25.10	0.17	0.29	47.7353	18.0114	2.1	0.7	162	18.5F	1.0	20	191		0.26	2.07	a	ke IPEC	14612863	ISC			360
2016/08/12	21:54:22.10	0.70	0.83	47.6241	17.9662	6.1	2.2	149	14.5F	5.3	18		4	1.13	1.69	a	ke VIE	14612860	ISC			360
2016/08/12	21:54:23.04	0.99	1.83	47.6521	18.0323	3.3	2.7	105	9.6F	6.1	51	27	58	0.23	2.15	m	ke BUD	14732561	iLoc			74

Magnitude	Err	Nsta	Author	OrigID
ML	1.2		IPEC	14612863
m1	1.7		VIE	14612860
ML	1.8	0.2	19 BUD	14732561

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
A268A	0.23	198.4	Pg	21:54:27.630	-0.6					T__	10.8	0.2		---	MLv	1.2	14732563	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A268A	0.23	198.4	Lg	21:54:32.127	0.0					T__				---		14732564	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 1.2 0)																										
A269A	0.24	93.1	Pg	21:54:28.177	-0.1					T__	19.2	0.5		---	MLv	1.6	14732565	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A269A	0.24	93.1	Lg	21:54:31.619	-0.5					T__				---		14732566	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 1.6 1)																										
SR0	0.25	49.5	Pg	21:54:29.526	1.1					T__	7.4	0.8		---	MLv	1.9	14732567	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
SR0	0.25	49.5	Lg	21:54:34.126	1.7					T__				---		14732568	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Station ML : 1.9 1)																										
A339A	0.31	305.1	Pg	21:54:30.491	0.9					T__	3.9	0.4		---	MLv	1.7	14732569	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A339A	0.31	305.1	Lg	21:54:36.250	1.8					T__				---		14732570	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 1.7 1)																										
CSKK	0.33	151.7	Pg	21:54:28.870	-1.1					T__	11.1	2.1		---	MLv	2.5	14732571	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
(Station ML : 2.5 1)																										
A338A	0.42	30.6	Pg	21:54:32.766	1.0					T__	3.6	0.2		---	MLv	1.7	14732572	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 1.7 1)																										
EGYH	0.53	243.8	Pg	21:54:34.038	0.2					T__	4.0	0.2		---	MLv	2.0	14732573	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
EGYH	0.53	243.8	Lg	21:54:42.233	0.5					T__				---		14732574	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.0 1)																										
MPLH	0.59	215.0	Pg	21:54:34.700	-0.2					T__	2.8	0.0		---	MLv	1.5	14732575	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 1.5 0)																										
TIH	0.76	187.5	Pg	21:54:38.901	0.7					T__	5.0	0.4		---	MLv	2.5	14732576	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
TIH	0.76	187.5	Lg	21:54:49.577	0.5					T__				---		14732577	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.5 0)																										
ZST	0.83	311.4	Pg	21:54:40.340	0.7					T__	1.3	0.6		---	MLv	2.7	14732578	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
ZST	0.83	311.4	Lg	21:54:51.820	0.8					T__				---		14732579	FDSN	SK	--	BUD	iLoc	HHE	???	_		
(Station ML : 2.7 0)																										
A336A	0.87	47.8	Pn	21:54:40.933	0.8					T__	3.8	0.1		---	MLv	1.9	14732580	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A336A	0.87	47.8	Sn	21:54:52.797	-0.6					T__				---		14732581	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
(Station ML : 1.9 1)																										
MODS	0.88	325.2	Pg	21:54:41.378	0.7					T__	3.1	45.6		---	MLv	4.6	14732582	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
MODS	0.88	325.2	Lg	21:54:53.599	0.8					T__				---		14732583	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 4.6 0)																										
A261A	0.92	221.0	Pg	21:54:42.688	1.2					T__	2.0	0.1		---	MLv	2.0	14732584	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_	

(Station ML : 2.0 1																				
A334A 0.98 346.0 Lg	21:54:56.977	1.1	T__											14732585	FDSN	Z3	00	BUD	iLoc	HHZ ??? _
VYHS 1.00 32.3 Pn	21:54:42.718	0.6	T__	3.1	0.0									14732586	FDSN	SK	--	BUD	iLoc	HHZ HHZ _
VYHS 1.00 32.3 Sn	21:54:56.476	-0.3	T__											14732587	FDSN	SK	--	BUD	iLoc	HHE ??? _
(Station ML : 1.1 0																				
RONA 1.17 273.0 Pn	21:54:45.040	0.4	T__		0.4	0.12								14732588	FDSN	IR	--	ISC	iLoc	??? ??? _
RONA 1.17 273.0 Sn	21:55:00.206	-1.1	T__		5.4	0.34								14732589	FDSN	IR	--	ISC	iLoc	??? ??? _
A332A 1.19 13.9 Lg	21:55:02.975	0.4	T__											14732590	FDSN	Z3	00	BUD	iLoc	HHN ??? _
JAVC 1.23 348.8 Pg	21:54:47.123	-0.2	T__	1.6	0.0									14732591	FDSN	CZ	--	BUD	iLoc	BHZ BHZ _
JAVC 1.23 348.8 Lg	21:55:05.031	0.9	T__											14732592	FDSN	CZ	--	BUD	iLoc	BHE ??? _
JAVC 1.23 348.8 Pn	21:54:46.800	1.2	T__											14732593	FDSN	IR	--	ISC	iLoc	??? ??? _
JAVC 1.23 348.8 Sn	21:55:01.500	-1.2	T__		5.0	0.58								14732595	FDSN	IR	--	ISC	iLoc	??? ??? _
(Station ML : 1.8 1																				
PSZ 1.28 77.3 Sn	21:55:05.607	1.4	T__											14732596	FDSN	GE	--	BUD	iLoc	BHN ??? _
A009A 1.31 271.8 Pn	21:54:47.055	0.6	T__	1.7	0.0									14732597	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
A009A 1.31 271.8 Lg	21:55:05.180	-1.0	T__											14732598	FDSN	Z3	00	BUD	iLoc	HHN ??? _
(Station ML : 1.7 1																				
BEHE 1.46 216.5 Pn	21:54:49.804	1.0	T__	2.2	0.1									14732599	FDSN	HU	--	BUD	iLoc	BHZ BHZ _
(Station ML : 2.4 1																				
CONA 1.49 281.5 Pg	21:54:51.421	-0.9	T__	1.7	0.0									14732600	FDSN	OE	--	BUD	iLoc	BHZ BHZ _
CONA 1.49 281.5 Pn	21:54:50.742	1.7	T__		0.2	0.14								14732601	FDSN	IR	--	ISC	iLoc	??? ??? _
CONA 1.49 281.5 Sn	21:55:09.586	0.5	T__		0.9	0.22								14732602	FDSN	IR	--	ISC	iLoc	??? ??? _
(Station ML : 1.8 1																				
MORH 1.50 163.5 Pn	21:54:49.600	0.7	T__	1.8	0.0									14732603	FDSN	HU	--	BUD	iLoc	BHZ BHZ _
MORH 1.50 163.5 Sn	21:55:08.480	-0.5	T__											14732604	FDSN	HU	--	BUD	iLoc	BHN ??? _
(Station ML : 1.8 1																				
KOVH 1.57 178.3 Lg	21:55:14.020	-1.1	T__											14732605	FDSN	HU	--	BUD	iLoc	BHE ??? _
ARSA 1.75 257.6 Lg	21:55:18.609	-1.3	T__		1.7	0.48								14732606	FDSN	IR	--	ISC	iLoc	??? ??? _
ARSA 1.75 257.6 Sg	21:55:18.442	-1.5	T__											14732607	FDSN	OE	--	BUD	iLoc	BHE ??? _
KRUC 1.78 322.9 Pn	21:54:53.400	0.5	T__											14732608	FDSN	IR	--	ISC	iLoc	??? ??? _
KRUC 1.78 322.9 Pn	21:54:53.500	0.5	T__											14732609	FDSN	IR	--	ISC	iLoc	??? ??? _
KRUC 1.78 322.9 Sn	21:55:15.500	-0.1	T__		1.2	0.40								14732610	FDSN	IR	--	ISC	iLoc	??? ??? _
MORC 2.15 351.5 Sn	21:55:26.121	1.0	T__											14732611	FDSN	CZ	--	BUD	iLoc	BHN ??? _
MORC 2.15 351.5 Lg	21:55:24.500	-7.6	T__		1.2	0.35								14732612	FDSN	IR	--	ISC	iLoc	??? ??? _
MORC 2.15 351.5 Lg	21:55:24.600	-7.6	T__											14732613	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
2016/08/12	23:39:33.70	0.07	0.22	47.6822	16.0943	0.8	0.7	106	8.0F	0.7	23	101		0.01	1.66	a	ke IPEC	14612904	ISC			360
2016/08/12	23:39:35.60	0.00		47.8000	16.0800				4.0A		24					a	ke PRU	14612911	ISC			360
2016/08/12	23:39:33.86	0.15	1.68	47.6713	16.1234	1.1	0.8	137	4.3F	2.1	42	4		0.12	4.24	a	ke VIE	14612907	ISC			360
2016/08/12	23:39:34.06	0.79	1.28	47.7010	16.1127	2.3	2.2	93	7.6F	3.8	98	55	33	0.03	4.25	m	ke BUD	14732099	iLoc			40

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		IPEC	14612904
mb	2.0		VIE	14612907
m1	2.3		VIE	14612907
ML	2.2	0.2	28 BUD	14732099

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A009A	0.03	212.6	Pg	23:39:34.839	-0.9					T__	999.9	24.4			MLv	2.8	14732101	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A009A	0.03	212.6	Lg	23:39:35.459	-1.5					T__						14732102	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

(Station ML : 2.8 0																								
RONA	0.12	90.5	Pg	23:39:36.481	-0.7	T__	999.9	124.7	0.06	---		14732103	FDSN	IR	--	ISC	iLoc	???	???	_				
RONA	0.12	90.5	Lg	23:39:38.215	-1.3	T__		797.7	0.10	---		14732104	FDSN	IR	--	ISC	iLoc	???	???	_				
CONA	0.28	323.4	Pg	23:39:39.567	-0.5	T__	22.9	0.4		---	MLv	1.7	14732105	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_			
CONA	0.28	323.4	Lg	23:39:46.006	1.4	T__				---		14732106	FDSN	OE	--	BUD	iLoc	BHE	???	_				
CONA	0.28	323.4	Pb	23:39:39.900	-0.2	T__		0.4		---		14732107	FDSN	IR	--	ISC	iLoc	???	???	_				
CONA	0.28	323.4	Sg	23:39:44.947	0.3	T__		70.9	0.26	---		14732108	FDSN	IR	--	ISC	iLoc	???	???	_				
(Station ML : 1.7 0																								
SOP	0.30	93.2	Pg	23:39:39.639	-0.7	T__	18.7	0.3		---	MLv	1.6	14732109	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_			
SOP	0.30	93.2	Pb	23:39:42.100	1.7	T__		0.3		---		14732110	FDSN	IR	--	ISC	iLoc	???	???	_				
SOP	0.30	93.2	Lg	23:39:43.461	-1.5	T__				---		14732111	FDSN	HU	--	BUD	iLoc	BHN	???	_				
(Station ML : 1.6 0																								
A004A	0.32	36.0	Pg	23:39:41.024	0.3	T__	5.6	0.6		---	MLv	2.0	14732112	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
A004A	0.32	36.0	Lg	23:39:47.287	1.7	T__				---		14732113	FDSN	Z3	00	BUD	iLoc	HHN	???	_				
(Station ML : 2.0 1																								
A260A	0.58	135.8	Pg	23:39:44.887	-0.9	T__	3.5	0.2		---	MLv	2.2	14732114	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
A260A	0.58	135.8	Lg	23:39:52.753	-1.6	T__				---		14732115	FDSN	Z3	00	BUD	iLoc	HHE	???	_				
(Station ML : 2.2 1																								
ARSA	0.60	221.8	Lg	23:39:53.483	-1.0	T__		12.0	0.12	---		14732116	FDSN	IR	--	ISC	iLoc	???	???	_				
ARSA	0.60	221.8	Pg	23:39:55.500	9.6	---		0.2		---		14732117	FDSN	IR	--	ISC	iLoc	???	???	_				
ARSA	0.60	221.8	Pb	23:39:44.995	-0.9	T__	7.3	0.2		---	MLv	2.2	14732118	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_			
(Station ML : 2.2 1																								
A010A	0.63	182.1	Pg	23:39:46.322	-0.1	T__	4.6	0.2		---	MLv	2.2	14732119	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
A010A	0.63	182.1	Lg	23:39:55.046	-0.5	T__				---		14732120	FDSN	Z3	00	BUD	iLoc	HHE	???	_				
(Station ML : 2.2 1																								
A003A	0.64	84.4	Pg	23:39:46.713	-0.2	T__	2.1	0.3		---	MLv	2.4	14732121	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
A003A	0.64	84.4	Lg	23:39:55.735	-0.6	T__				---		14732122	FDSN	Z3	00	BUD	iLoc	HH3	???	_				
(Station ML : 2.4 1																								
A008A	0.74	335.3	Pg	23:39:48.324	0.0	T__	28.2	0.5		---	MLv	2.6	14732123	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
A008A	0.74	335.3	Lg	23:39:58.966	0.1	T__				---		14732124	FDSN	Z3	00	BUD	iLoc	HH3	???	_				
(Station ML : 2.6 1																								
A019A	0.74	250.2	Pg	23:39:47.968	-0.7	T__	5.0	0.1		---	MLv	2.0	14732125	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
(Station ML : 2.0 1																								
ZST	0.83	53.0	Pg	23:39:49.601	-1.0	T__	3.4	1.2		---	MLv	3.0	14732126	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_			
ZST	0.83	53.0	Pn	23:39:51.600	0.5	T__		1.2		---		14732127	FDSN	IR	--	ISC	iLoc	???	???	_				
(Station ML : 3.0 0																								
EGYH	0.87	108.5	Pn	23:39:53.200	1.5	T__		0.3		---		14732128	FDSN	IR	--	ISC	iLoc	???	???	_				
EGYH	0.87	108.6	Pg	23:39:51.099	-0.4	T__	5.8	0.3		---	MLv	2.4	14732129	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_			
EGYH	0.87	108.6	Lg	23:40:02.697	-1.2	T__				---		14732130	FDSN	HU	--	BUD	iLoc	SHE	???	_				
(Station ML : 2.4 1																								
A021A	0.96	191.8	Pg	23:39:51.859	-0.9	T__	3.6	0.1		---	MLv	2.0	14732131	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
(Station ML : 2.0 1																								
MODS	1.03	48.9	Pn	23:39:53.283	-0.7	T__	15.4	177.4		---	MLv	5.3	14732132	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_			
MODS	1.03	48.8	Pg	23:39:54.700	0.1	T__		177.3		---		14732133	FDSN	IR	--	ISC	iLoc	???	???	_				
(Station ML : 5.3 0																								
A001A	1.08	17.1	Pn	23:39:54.868	0.3	T__	2.5	0.1		---	MLv	1.9	14732134	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
(Station ML : 1.9 0																								
MPLH	1.10	118.2	Pn	23:39:55.204	0.3	T__	3.2	0.1		---	MLv	1.9	14732135	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_			
MPLH	1.10	118.2	Pg	23:39:59.200	3.1	T__				---		14732136	FDSN	IR	--	ISC	iLoc	???	???	_				
MPLH	1.10	118.2	Lg	23:40:10.645	-0.6	T__				---		14732137	FDSN	HU	--	BUD	iLoc	BHN	???	_				
(Station ML : 1.9 0																								
MOA	1.25	277.5	Pg	23:39:57.957	-0.4	T__	16.7	2.5	0.15	---		14732138	FDSN	IR	--	ISC	iLoc	???	???	_				
MOA	1.25	277.5	Sn	23:40:15.003	-0.1	T__		28.6	0.33	---		14732139	FDSN	IR	--	ISC	iLoc	???	???	_				

A268A	1.26	101.7	Pn	23:39:57.071	0.1	T__	6.1	0.1	___	MLv	2.3	14732140	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	: 2.3																			
KOGS	1.26	175.7	Pg	23:39:57.873	-0.8	T__	3.0	0.4	___	MLv	2.8	14732141	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.26	175.7	Sn	23:40:14.796	-0.4	T__			---			14732142	FDSN	SL	--	BUD	iLoc	BHE	???	_
KOGS	1.26	175.7	Pb	23:40:18.900	20.2	---			---			14732143	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	: 2.8																			
SOKA	1.26	216.1	Pn	23:39:57.219	0.1	T__	17.8	4.9	0.26	---		14732144	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.26	216.1	Sn	23:40:14.706	-0.3	T__		4.0	0.32	---		14732145	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	1.31	159.6	Pg	23:39:59.097	-1.0	T__	2.4	0.1	---	MLv	2.4	14732146	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	1.31	159.6	Pb	23:40:20.900	20.8	---			---			14732147	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	: 2.4																			
KRUC	1.37	7.8	Pn	23:39:58.900	0.4	T__				---		14732148	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.37	7.8	Pn	23:39:59.000	0.4	T__				---		14732149	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.37	7.8	Sn	23:40:17.100	-0.4	T__				---		14732150	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.37	7.8	Pb	23:39:59.324	-1.0	T__	6.9	0.1	---	MLv	2.3	14732151	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	1.37	7.8	Lg	23:40:17.675	-1.0	T__				---		14732152	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML	: 2.3																			
CSKK	1.49	102.3	Sn	23:40:20.292	-0.3	T__				---		14732153	FDSN	HU	--	BUD	iLoc	SHE	???	_
LOBO	1.55	181.1	Pn	23:40:01.910	0.6	T__				---		14732154	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.56	41.3	Pg	23:40:03.306	-1.3	T__	1.6	0.1	---	MLv	2.1	14732155	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	1.56	41.3	Pn	23:40:02.900	1.4	T__				---		14732156	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	: 2.1																			
KALN	1.59	171.4	Pn	23:40:03.030	0.9	T__				---		14732157	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.60	222.4	Pg	23:40:03.358	-1.3	T__	2.0	0.1	---	MLv	2.1	14732158	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.60	222.4	Pb	23:40:07.000	2.3	T__				---		14732159	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.60	222.4	Sn	23:40:23.647	0.0	T__	2.8	0.30	---			14732160	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	: 2.1																			
VRAC	1.64	11.1	Sn	23:40:25.700	1.8	T__		19.5	0.42	---		14732161	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.64	11.1	Pn	23:40:02.965	0.7	T__	4.4	0.1	---	MLv	2.3	14732162	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
VRAC	1.64	11.1	Lg	23:40:24.413	-2.4	T__				---		14732163	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML	: 2.3																			
CKRC	1.64	313.6	Pn	23:40:03.892	1.6	T__	4.7	0.2	---	MLv	2.6	14732164	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML	: 2.6																			
TREC	1.65	345.6	Pn	23:40:03.900	1.5	T__				---		14732165	FDSN	IR	--	ISC	iLoc	???	???	_
TREC	1.65	345.6	Pg	23:40:04.275	-1.1	T__	3.1	0.1	---	MLv	2.2	14732166	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
TREC	1.65	345.6	Sn	23:40:25.400	0.9	T__		14.0	0.50	---		14732167	FDSN	IR	--	ISC	iLoc	???	???	_
TREC	1.65	345.6	Lg	23:40:25.679	-1.6	T__				---		14732168	FDSN	CZ	--	BUD	iLoc	BHN	???	_
(Station ML	: 2.2																			
BIOA	1.67	270.6	Pn	23:40:04.999	2.1	T__	5.4	1.3	0.10	---		14732169	FDSN	IR	--	ISC	iLoc	???	???	_
BIOA	1.67	270.6	Sn	23:40:27.473	2.1	T__	10.1	20.0	0.26	---		14732170	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	1.80	183.2	Pn	23:40:06.090	1.0	T__				---		14732171	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	1.98	252.7	Sn	23:40:35.088	1.7	T__		2.7	0.30	---		14732172	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	1.99	65.5	Pn	23:40:07.033	-0.3	T__	2.5	0.0	---	MLv	1.5	14732173	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.99	65.5	Pg	23:40:11.800	-1.2	T__				---		14732174	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	: 1.5																			
KOVH	2.11	139.1	Pn	23:40:08.899	-0.1	T__	1.7	0.0	---	MLv	2.2	14732175	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML	: 2.2																			
OZLJ	2.13	192.3	Pn	23:40:10.190	0.9	T__				---		14732176	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	2.13	167.8	Pn	23:40:10.060	0.4	T__				---		14732177	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.21	311.2	Pn	23:40:13.100	2.9	T__				---		14732178	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.21	311.2	Lg	23:40:42.900	-2.3	T__		7.7	0.60	---		14732179	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.28	24.0	Pn	23:40:12.100	0.7	T__				---		14732180	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.28	24.0	Sn	23:40:40.500	0.5	T__				---		14732181	FDSN	IR	--	ISC	iLoc	???	???	_

MORH	2.28	129.7	Pn	23:40:11.154	-0.1	T__	1.5	0.0	___	MLv	2.2	14732182	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.2 1																					
KRLC	2.42	10.3	Pn	23:40:13.900	0.7	T__						14732183	FDSN	IR	--	ISC	iLoc	???	???	_	
KRLC	2.42	10.3	Lg	23:40:48.900	-1.3	T__		6.7	0.90	---		14732184	FDSN	IR	--	ISC	iLoc	???	???	_	
PRU	2.51	336.2	Pg	23:40:18.900	-2.7	T__						14732185	FDSN	IR	--	ISC	iLoc	???	???	_	
PRU	2.51	336.2	Lg	23:40:52.000	-2.0	T__		5.4	0.40	---		14732186	FDSN	IR	--	ISC	iLoc	???	???	_	
A251A	2.58	177.6	Pn	23:40:16.600	0.9	T__						14732187	FDSN	IR	--	ISC	iLoc	???	???	_	
DPC	2.66	2.9	Pg	23:40:22.200	-0.6	T__						14732188	FDSN	IR	--	ISC	iLoc	???	???	_	
DPC	2.66	2.9	Lg	23:40:56.300	-0.8	T__		3.7	0.30	---		14732189	FDSN	IR	--	ISC	iLoc	???	???	_	
UPC	2.81	358.7	Pg	23:40:24.500	-1.1	T__						14732190	FDSN	IR	--	ISC	iLoc	???	???	_	
UPC	2.81	358.7	Lg	23:41:01.300	-0.4	T__		10.5	0.70	---		14732191	FDSN	IR	--	ISC	iLoc	???	???	_	
OSTC	2.86	1.3	Lg	23:41:03.300	0.1	T__		6.6	0.50	---		14732192	FDSN	IR	--	ISC	iLoc	???	???	_	
CHVC	2.89	359.3	Lg	23:41:04.900	0.7	T__						14732193	FDSN	IR	--	ISC	iLoc	???	???	_	
SMRN	2.99	207.7	Pn	23:40:22.410	0.9	T__						14732194	FDSN	IR	--	ISC	iLoc	???	???	_	
PVCC	3.01	340.9	Lg	23:41:08.500	-0.3	T__		8.7	0.30	---		14732195	FDSN	IR	--	ISC	iLoc	???	???	_	
WTTA	3.07	263.5	Pn	23:40:25.300	2.5	T__		0.3	0.14	---		14732196	FDSN	IR	--	ISC	iLoc	???	???	_	
WTTA	3.07	263.5	Lg	23:41:14.438	0.5	T__		2.3	0.28	---		14732197	FDSN	IR	--	ISC	iLoc	???	???	_	
BRJN	3.24	211.2	Pn	23:40:24.460	-0.7	T__						14732198	FDSN	IR	--	ISC	iLoc	???	???	_	
BRG	3.48	336.7	Lg	23:41:20.550	-4.0	T__						14732199	FDSN	IR	--	ISC	iLoc	???	???	_	
BRG	3.48	336.7	x	23:41:29.310	-99.0	---		3.8	0.47	---		14732200	FDSN	IR	--	ISC	iLoc	???	???	_	
RETA	3.63	268.6	Lg	23:41:29.520	-1.8	T__		1.2	0.26	---		14732201	FDSN	IR	--	ISC	iLoc	???	???	_	
DAVA	4.25	266.7	Lg	23:41:49.235	-2.2	T__		1.8	0.30	---		14732202	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
2016/08/13	22:30:28.40	0.09	0.20	48.9089	18.2456	1.0	0.9	68	8.7F	0.9	27		76	0.18	1.26	a	ke IPEC	14613070	ISC			360
2016/08/13	22:30:30.50	0.00		48.9600	18.1400				0.0A		21					a	ke PRU	14613068	ISC			360
2016/08/13	22:30:28.59	0.84	0.82	48.9072	18.2111	3.3	2.8	54	3.8F	6.3	54	26	67	0.20	3.06	m	ke BUD	14732349	iLoc			71

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		IPEC	14613070
ML	1.8	0.2	14 BUD	14732349

Sta	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	0.20	121.5	Pg	22:30:32.244	-0.4					T__	55.8	1.0			___	MLv	1.8	14732351	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A332A	0.20	121.5	Lg	22:30:35.041	-0.6					T__					---			14732352	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 1.8 1																												
A331A	0.24	1.5	Pg	22:30:33.187	-0.3					T__	9.5	0.2			___	MLv	1.3	14732353	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
(Station ML : 1.3 0																												
JAVC	0.36	262.5	Pg	22:30:36.049	0.0					T__	7.7	0.2			___	MLv	1.6	14732354	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_		
JAVC	0.36	262.5	Lg	22:30:41.630	0.1					T__					---			14732355	FDSN	CZ	--	BUD	iLoc	BHN	???	_		
JAVC	0.36	262.5	Sg	22:30:40.600	-0.9					T__		38.8	0.40		---			14732356	FDSN	IR	--	ISC	iLoc	???	???	_		
JAVC	0.36	262.5	Sb	22:30:40.700	-0.8					T__					---			14732357	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.6 1																												
A334A	0.47	229.7	Pg	22:30:38.783	0.8					T__	3.0	0.2			___	MLv	1.8	14732358	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A334A	0.47	229.7	Lg	22:30:45.592	0.9					T__					---			14732359	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
(Station ML : 1.8 1																												
A335A	0.47	169.8	Pg	22:30:37.637	-0.4					T__	37.2	0.5			___	MLv	2.3	14732360	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A335A	0.47	169.8	Lg	22:30:44.244	-0.7					T__					---			14732361	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 2.3 0																												
VYHS	0.59	134.7	Pg	22:30:39.504	-0.9					T__	5.2	0.0			___	MLv	1.0	14732362	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
(Station ML : 1.0 0																												

A336A	0.85	141.9	Pg	22:30:44.379	-1.3	T__	8.1	0.1	---	MLv	2.0	14732363	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.0 0)																				
LANS	0.86	73.1	Pg	22:30:45.200	-0.3	T__		0.1	---			14732364	FDSN	IR	--	ISC	iLoc	???	???	_
LOSC	0.90	322.8	Pg	22:30:46.200	0.9	T__			---			14732365	FDSN	IR	--	ISC	iLoc	???	???	_
OKC	0.93	357.5	Pg	22:30:46.200	0.4	T__			---			14732366	FDSN	IR	--	ISC	iLoc	???	???	_
OKC	0.93	357.5	Pn	22:30:47.202	-0.3	T__	2.4	0.0	---	MLv	1.4	14732367	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
OKC	0.93	357.5	Lg	22:30:59.283	0.5	T__			---			14732368	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML : 1.4 1)																				
MORC	0.97	333.6	Pg	22:30:47.654	0.6	T__	5.3	0.1	---	MLv	1.9	14732369	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	0.97	333.6	Lg	22:31:00.794	0.7	T__			---			14732370	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MORC	0.97	333.6	Pb	22:30:47.400	0.4	T__			---			14732371	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	0.97	333.6	Pb	22:30:47.500	0.4	T__			---			14732372	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	0.97	333.6	Sg	22:30:59.600	-0.5	T__		12.1	0.30	---		14732373	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	0.97	333.6	Sb	22:30:59.700	-0.4	T__			---			14732374	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.9 1)																				
VRAC	1.14	291.3	Pg	22:30:49.900	-0.3	T__			---			14732375	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.14	291.3	Lg	22:31:05.000	-1.0	T__		13.2	0.34	---		14732377	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.14	291.3	Pb	22:30:48.514	-1.7	T__	4.8	0.1	---	MLv	1.9	14732378	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
VRAC	1.14	291.3	Sg	22:31:05.500	-0.5	T__			---			14732379	FDSN	CZ	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 1)																				
KRUC	1.21	278.1	Pg	22:30:50.917	-0.4	T__	1.7	0.0	---	MLv	1.6	14732380	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	1.21	278.1	Lg	22:31:07.051	-1.4	T__			---			14732381	FDSN	CZ	--	BUD	iLoc	BHN	???	_
KRUC	1.21	278.1	Pb	22:30:51.500	0.2	T__			---			14732382	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.21	278.1	Sg	22:31:07.200	-1.3	T__		5.8	0.57	---		14732384	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.6 1)																				
NIE	1.47	68.8	Pn	22:30:56.300	1.0	T__	1.8	0.0	---	MLv	1.5	14732385	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.47	68.8	Sn	22:31:17.656	1.2	T__			---			14732386	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Station ML : 1.5 1)																				
KRLC	1.50	322.0	Pn	22:30:55.600	0.2	T__			---			14732387	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	1.50	322.0	Sn	22:31:15.500	-0.6	T__		8.5	0.50	---		14732388	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	1.50	130.8	Pn	22:30:57.050	1.4	T__	1.6	0.0	---	MLv	1.8	14732389	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.50	130.8	Sn	22:31:17.921	1.3	T__			---			14732390	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.8 1)																				
CSKK	1.55	178.8	Sn	22:31:18.142	1.1	T__			---			14732391	FDSN	HU	--	BUD	iLoc	SHE	???	_
EGYH	1.60	201.9	Sn	22:31:18.870	0.4	T__			---			14732392	FDSN	HU	--	BUD	iLoc	SHN	???	_
TREC	1.83	283.3	Sn	22:31:24.211	0.0	T__			---			14732393	FDSN	CZ	--	BUD	iLoc	BHE	???	_
CONA	1.85	238.8	Pn	22:31:02.164	1.7	T__	1.9	0.0	---	MLv	2.0	14732394	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.85	238.8	Sn	22:31:25.402	0.7	T__			---			14732395	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 1)																				
DPC	1.90	320.3	Pn	22:31:02.300	1.3	T__			---			14732396	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	1.90	320.3	Lg	22:31:28.200	-0.7	T__		3.9	0.80	---		14732397	FDSN	IR	--	ISC	iLoc	???	???	_
OSTC	2.10	322.6	Pg	22:31:06.600	-0.2	T__			---			14732398	FDSN	IR	--	ISC	iLoc	???	???	_
OSTC	2.10	322.6	Lg	22:31:34.300	-0.6	T__		15.3	1.20	---		14732399	FDSN	IR	--	ISC	iLoc	???	???	_
UPC	2.15	319.1	Pg	22:31:07.200	-0.4	T__			---			14732400	FDSN	IR	--	ISC	iLoc	???	???	_
UPC	2.15	319.1	Lg	22:31:36.400	0.1	T__		9.5	1.40	---		14732401	FDSN	IR	--	ISC	iLoc	???	???	_
CHVC	2.19	321.1	Lg	22:31:36.600	-1.1	T__			---			14732402	FDSN	IR	--	ISC	iLoc	???	???	_
PRU	2.63	295.7	Lg	22:31:51.300	-0.4	T__			---			14732403	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	3.06	275.9	Lg	22:32:06.300	0.2	T__		1.4	0.70	---		14732404	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
2016/08/15	05:54:32.03	0.91	0.70	48.4200	18.6480	5.1	4.5	5	5.3F	0.2	20	12	73	0.15	1.95	m	ke BUD	14732472	iLoc			134



Magnitude Err Nsta Author OrigID  
 ML 1.6 0.3 4 BUD 14732472

Sta	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	0.15	59.3	Pg	05:54:35.519	0.3					T__	82.2	0.2		---	MLv	1.0	14732474	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.15	59.3	Lg	05:54:37.912	0.2					T__				---		14732475	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.0 1																									
JAVC	0.78	304.5	Pg	05:54:47.837	0.2					T__				---		14732476	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	0.78	304.5	Pb	05:54:47.600	-0.0					T__				---		14732477	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	0.78	304.5	Lg	05:54:57.500	-1.5					T__				---		14732478	FDSN	IR	--	ISC	iLoc	???	???	_	
LANS	0.91	36.3	Pg	05:54:49.974	0.1					T__	6.2	0.1		---	MLv	2.0	14732479	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.91	36.3	Lg	05:55:03.856	0.7					T__				---		14732480	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.0 1																									
PSZ	0.97	120.6	Pn	05:54:51.323	-0.2					T__	2.5	0.0		---	MLv	1.7	14732481	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.97	120.6	Lg	05:55:05.372	-1.1					T__				---		14732482	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
ZST	1.06	258.3	Lg	05:55:08.057	0.2					T__				---		14732483	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CSKK	1.09	194.0	Sn	05:55:08.926	-0.1					T__				---		14732484	FDSN	HU	--	BUD	iLoc	SHE	???	_	
EGYH	1.34	221.9	Sn	05:55:15.062	0.0					T__				---		14732485	FDSN	HU	--	BUD	iLoc	SHN	???	_	
MPLH	1.46	211.3	Lg	05:55:20.813	0.1					T__				---		14732486	FDSN	HU	--	BUD	iLoc	BHE	???	_	
NIE	1.49	47.1	Pg	05:55:00.076	0.2					T__	3.1	0.0		---	MLv	1.6	14732487	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.6 1																									
MORC	1.54	332.3	Pn	05:55:00.005	0.8					T__				---		14732488	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
MORC	1.54	332.3	Sn	05:55:20.713	0.3					T__				---		14732489	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
MORC	1.54	332.3	Lg	05:55:20.600	-1.6					T__				---		14732490	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.62	304.0	Pn	05:55:00.757	0.5					T__				---		14732491	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
VRAC	1.62	304.0	Sn	05:55:21.676	-0.1					T__				---		14732492	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
OJC	1.95	22.2	Sn	05:55:31.685	-0.5					T__				---		14732493	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  
 2016/08/15 15:31:26.91 1.11 1.07 48.5096 18.7810 7.5 4.1 35 5.4F 6.9 15 8 145 0.04 1.51 m ke BUD 14732511 iLoc 160

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 8 BUD 14732511

Sta	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	0.04	113.1	Pg	15:31:28.323	-0.0					T__	93.7	0.2		---	MLv	0.7	14732513	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.04	113.1	Lg	15:31:29.577	0.1					T__				---		14732514	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.7 0																									
A335A	0.30	258.2	Pg	15:31:32.365	-0.8					T__	7.1	0.3		---	MLv	1.5	14732515	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.30	258.2	Lg	15:31:36.695	-1.1					T__				---		14732516	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Station ML : 1.5 1																									
A336A	0.31	152.2	Pg	15:31:33.981	0.6					T__	6.4	0.2		---	MLv	1.4	14732517	FDSN	Z3	00	BUD	iLoc	HH2	HHZ	_
(Station ML : 1.4 1																									
A332A	0.36	324.7	Pg	15:31:35.015	0.8					T__	3.0	0.1		---	MLv	1.1	14732518	FDSN	Z3	00	BUD	iLoc	HHN	HHZ	_
A332A	0.36	324.7	Lg	15:31:39.021	-0.6					T__				---		14732519	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.1 1																									
JAVC	0.81	295.8	Pg	15:31:42.960	-0.2					T__	2.3	0.0		---	MLv	1.5	14732520	FDSN	CZ	--	BUD	iLoc	BHE	BHZ	_
JAVC	0.81	295.8	Lg	15:31:53.998	-0.9					T__				---		14732521	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.5 1																									

PSZ	0.95	128.1	Pn	15:31:46.094	0.0	T__	2.1	0.0	---	MLv	1.5	14732522	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.95	128.1	Lg	15:31:59.172	-1.5	T__			---			14732523	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1																				
MODS	1.01	262.8	Pg	15:31:47.775	0.8	T__	2.5	21.0	---	MLv	4.4	14732524	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	1.01	262.8	Lg	15:32:02.540	1.0	T__			---			14732525	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 4.4 0																				
MORC	1.51	327.8	Pn	15:31:54.591	0.9	T__	1.6	0.0	---	MLv	1.6	14732526	FDSN	CZ	--	BUD	iLoc	BHE	BHZ	_
MORC	1.51	327.8	Lg	15:32:13.983	-2.0	T__			---			14732527	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
2016/08/16	07:44:07.09	1.61	0.95	45.8413	18.3962	10.0	5.2	122	0.0A		9	5	198	0.32	1.29	m	kx BUD	14732699	iLoc			263
2016/08/16	07:44:07.36f		0.72	45.8525	18.3977f				0.0S		9		197	0.31	1.29	a	kx BUD_GT	14759309	BUD			264
(locality : Nagyharsány I.)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.1	2 BUD	14759309

Sta	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	0.31	318.7	Pg	07:44:14.541	0.3					T__		0.0		---	MLv	14759717	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.31	318.7	Lg	07:44:19.539	-0.1					T__				---		14759718	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.40	25.2	Pg	07:44:16.358	0.4					T__		0.0		---	MLv	14759719	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.40	25.2	Lg	07:44:22.461	-0.1					T__				---		14759720	FDSN	HU	--	BUD	BUD	BHN	???	_
A252A	0.57	222.9	Pg	07:44:19.230	0.2					T__				---		14759721	FDSN	IR	--	ISC	BUD	???	???	_
A252A	0.57	222.9	Lg	07:44:27.340	-0.6					T__				---		14759722	FDSN	IR	--	ISC	BUD	???	???	_
MOSL	1.18	258.9	Pg	07:44:31.080	0.2					T__				---		14759723	FDSN	IR	--	ISC	BUD	???	???	_
MOSL	1.18	258.9	Lg	07:44:46.570	-1.8					T__				---		14759724	FDSN	IR	--	ISC	BUD	???	???	_
BEHE	1.29	299.3	Lg	07:44:53.036	0.9					T__				---		14759725	FDSN	HU	--	BUD	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	
2016/08/16	13:40:21.51	1.74	0.73	47.4033	18.1763	18.1	5.4	16	3.4F	12.4	8	4	205	0.07	1.23	m	ke BUD	14732712	iLoc				245

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.6	4 BUD	14732712

Sta	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	124.9	Pg	13:40:23.296	-0.1					T__	43.4	14.6		---	MLv	2.7	14732714	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.07	124.9	Lg	13:40:24.708	-0.2					T__				---		14732715	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.7 1																									
A268A	0.17	279.4	Pg	13:40:25.092	-0.2					T__	4.6	0.1		---	MLv	0.8	14732716	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.17	279.4	Lg	13:40:28.094	-0.1					T__				---		14732717	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 0.8 1																									
MPLH	0.49	242.0	Pg	13:40:31.906	0.4					T__	1.9	0.0		---	MLv	1.1	14732718	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.49	242.0	Lg	13:40:38.203	-0.6					T__				---		14732719	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.1 1																									
MORH	1.23	164.7	Pn	13:40:45.052	0.7					T__	4.6	0.0		---	MLv	1.6	14732720	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.23	164.7	Sn	13:41:01.183	-1.0					T__				---		14732721	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
2016/08/17	07:02:25.93	1.35	1.10	48.5227	19.3586	6.5	4.9	27	1.1F	12.8	13	7	114	0.35	1.73	m	ke BUD	14732739	iLoc			192

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	5 BUD	14732739

Sta	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	265.5	Pg	07:02:32.816	-0.2					T__	7.7	0.0		___	MLv	0.6	14732741	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	265.5	Lg	07:02:37.598	-0.7					T__				---		14732742	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Station ML : 0.6 0																									
A336A	0.38	219.7	Pg	07:02:33.787	0.2					T__	10.8	0.3		___	MLv	1.8	14732743	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.38	219.7	Lg	07:02:39.474	0.3					T__				---		14732744	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Station ML : 1.8 0																									
A332A	0.66	295.8	Lg	07:02:47.090	-1.4					T__				---		14732745	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
PSZ	0.70	149.2	Pg	07:02:40.499	-0.2					T__	2.9	0.0		___	MLv	1.5	14732746	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.70	149.2	Lg	07:02:50.751	-0.9					T__				---		14732747	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.5 1																									
NIE	1.10	34.7	Pn	07:02:49.138	1.5					T__	2.0	0.0		___	MLv	1.3	14732748	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.10	34.7	Lg	07:03:01.351	-1.0					T__				---		14732749	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.3 1																									
JAVC	1.17	287.4	Pg	07:02:50.054	1.1					T__	1.9	0.0		___	MLv	1.6	14732750	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	1.17	287.4	Sn	07:03:05.260	-0.9					T__				---		14732751	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
JAVC	1.17	287.4	Lg	07:03:05.000	-0.6					T__				---		14732752	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.6 1																									
MORC	1.73	317.2	Sn	07:03:18.900	-1.4					T__				---		14732753	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
2016/08/17	07:07:05.41	1.46	0.62	47.3050	17.6348	6.4	4.6	119	1.4F	12.2	12	7	95	0.15	1.44	m	ke BUD	14732775	iLoc			165

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	14732775

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MPLH	0.15	205.7	Pg	07:07:08.157	-0.5					T__	28.4	0.4		___	MLv	1.3	14732777	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.15	205.7	Lg	07:07:11.866	0.6					T__				---		14732778	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.3 1																									
A268A	0.23	57.2	Pg	07:07:09.658	-0.7					T__	14.2	0.6		___	MLv	1.7	14732779	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.23	57.2	Lg	07:07:14.497	0.4					T__				---		14732780	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Station ML : 1.7 1																									
EGYH	0.23	298.5	Pg	07:07:09.946	-0.4					T__	6.1	0.5		___	MLv	1.6	14732781	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.23	298.5	Lg	07:07:14.515	0.4					T__				---		14732782	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 1.6 1																									
KOVH	1.26	165.1	Pg	07:07:30.732	0.2					T__	2.6	0.0		___	MLv	1.6	14732783	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.26	165.1	Sn	07:07:47.758	0.2					T__				---		14732784	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
KOGS	1.28	228.4	Pn	07:07:29.429	-0.1					T__	2.0	0.2		___	MLv	2.4	14732785	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.4 0																									
MORH	1.29	147.1	Sn	07:07:47.103	-1.0					T__				---		14732786	FDSN	HU	--	BUD	iLoc	BHZ	???	_	

VYHS	1.44	33.8	Pn	07:07:31.837	0.2	T__	1.9	0.0	___	MLv	1.0	14732787	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.44	33.8	Sn	07:07:52.094	0.5	T__			---			14732788	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
2016/08/17	08:41:25.35	0.19	0.38	45.8327	21.7187	1.7	1.2	97	9.4F	1.7	16	111	0.22	1.57	a	ke	BUC	14613460	ISC			360
2016/08/17	08:41:24.84	0.97	0.52	45.8367	21.6923	4.6	3.1	97	4.4F	8.2	30	9	113	0.22	1.59	m	ke	BUD	14732814	iLoc		167

Magnitude	Err	Nsta	Author	OrigID
ml	1.7		BUC	14613460
ML	1.8	0.4	3 BUD	14732814

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BZS	0.22	189.5	Pg	08:41:29.069	-0.3				T__	48.1		0.4		___	MLv	1.5	14732816	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.22	189.5	Lg	08:41:33.220	0.4				T__					---		14732817	FDSN	RO	--	BUD	iLoc	BHE	???	_	
BZS	0.23	193.6	Pb	08:41:29.261	-0.3				T__					---		14732818	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.23	193.6	Pb	08:41:29.261	-0.3				T__			0.1		---		14732819	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.5 1																									
SIRR	0.43	357.3	Pg	08:41:33.926	0.1				T__	17.3		0.2		___	MLv	1.8	14732820	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.43	357.3	Lg	08:41:40.443	-0.1				T__					---		14732821	FDSN	RO	--	BUD	iLoc	BHE	???	_	
SIRR	0.43	357.0	Pb	08:41:34.142	0.3				T__					---		14732822	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.43	357.0	Pb	08:41:34.142	0.3				T__			0.2		---		14732823	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.8 1																									
GZR	0.88	119.8	Pg	08:41:41.916	0.1				T__					---		14732824	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.88	119.8	Lg	08:41:53.555	-0.9				T__					---		14732826	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.88	119.8	Sg	08:41:54.046	-0.4				T__					---		14732827	FDSN	RO	--	BUD	iLoc	BHN	???	_	
MDVR	1.06	179.2	Pn	08:41:45.471	0.2				T__					---		14732828	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.06	179.2	Lg	08:42:00.820	0.1				T__					---		14732830	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.08	151.6	Pg	08:41:46.114	0.6				T__					---		14732831	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.08	151.6	Lg	08:42:01.326	0.3				T__					---		14732833	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.19	36.1	Pn	08:41:48.006	0.6				T__					---		14732834	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.19	36.1	Pg	08:41:47.843	-0.5				T__	4.5		0.1		___	MLv	2.1	14732836	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.19	36.1	Sn	08:42:04.303	-0.9				T__					---		14732837	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.1 1																									
FRGS	1.49	243.5	Pg	08:41:52.865	-0.4				T__					---		14732838	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	1.49	243.5	Sn	08:42:12.461	0.8				T__					---		14732840	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.51	104.2	Sn	08:42:13.428	0.3				T__					---		14732841	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.51	104.3	Lg	08:42:15.562	0.1				T__					---		14732843	FDSN	RO	--	BUD	iLoc	BHN	???	_	
CJR	1.59	55.8	Sn	08:42:14.405	-0.9				T__					---		14732844	FDSN	IR	--	ISC	iLoc	???	???	_	
CJR	1.59	55.8	Sn	08:42:14.405	-0.9				T__			0.1		---		14732845	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	
2016/08/18	10:59:07.67	1.53	0.26	45.8400	21.6434	32.7	5.4	93	5.0A		6	3	181	0.22	1.21	m	ke	BUD	14732862	iLoc			324

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	14732862

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BZS	0.22	180.6	Pg	10:59:12.178	-0.1				T__	27.4		0.3		___	MLv	1.4	14732864	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_

BZS	0.22	180.6	Lg	10:59:15.746	0.0	T__	---	14732865	FDSN	RO	--	BUD	iLoc	BHE	???	_					
(Station ML : 1.4 1																					
SIRR	0.43	1.8	Pg	10:59:16.633	0.1	T__	6.6	0.1	---	MLv	1.4	14732866	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
SIRR	0.43	1.8	Lg	10:59:23.018	-0.3	T__	---	---	---	---	---	14732867	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.4 1																					
DRGR	1.21	37.5	Pn	10:59:30.638	0.2	T__	2.5	0.0	---	MLv	1.8	14732868	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
DRGR	1.21	37.5	Sn	10:59:48.070	-0.2	T__	---	---	---	---	---	14732869	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
2016/08/19	11:30:40.95	1.84	0.52	47.8368	19.1397	10.8	5.8	18	0.0S		7	4	195	0.08	0.69	m	kx	BUD	14733140	iLoc		289

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	14733140

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A270A	0.08	276.0	Pg	11:30:43.230	0.2	T__				T__	68.4	1.9		---	MLv	1.8	14733142	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.8 1																									
A336A	0.41	346.7	Pg	11:30:49.654	0.3	T__				T__	4.4	0.1		---	MLv	1.5	14733143	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.41	346.7	Lg	11:30:55.032	-0.5	T__				T__				---	---		14733144	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Station ML : 1.5 1																									
PSZ	0.51	80.6	Pg	11:30:52.375	0.2	T__				T__	1.6	0.0		---	MLv	1.2	14733145	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.51	80.6	Lg	11:31:00.230	-0.3	T__				T__				---	---		14733146	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.2 1																									
VYHS	0.69	342.9	Pg	11:30:55.426	0.5	T__				T__	2.0	0.0		---	MLv	0.7	14733147	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	342.9	Lg	11:31:04.710	-0.5	T__				T__				---	---		14733148	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	
2016/08/20	06:44:25.81	1.16	0.90	47.3568	18.1574	6.3	5.5	152	5.3F	9.4	12	8	86	0.07	1.30	m	ke	BUD	14733166	iLoc			135

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	7 BUD	14733166

Sta	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	84.7	Pg	06:44:27.882	0.1	T__				T__	73.0	20.6		---	MLv	2.8	14733168	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.8 0																									
A268A	0.18	295.2	Pg	06:44:30.042	0.4	T__				T__	12.4	0.5		---	MLv	1.5	14733169	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.18	295.2	Lg	06:44:31.742	-0.9	T__				T__				---	---		14733170	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 1.5 1																									
MPLH	0.46	246.3	Pg	06:44:34.924	-0.2	T__				T__	2.5	0.0		---	MLv	1.2	14733171	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.2 1																									
TIH	0.49	202.0	Lg	06:44:43.009	-0.2	T__				T__				---	---		14733172	FDSN	HU	--	BUD	iLoc	SHN	???	_
BUD	0.60	77.5	Pg	06:44:38.008	-0.3	T__				T__	2.4	0.1		---	MLv	1.7	14733173	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 1																									
MORH	1.19	163.5	Pn	06:44:48.046	0.2	T__				T__	1.4	0.0		---	MLv	1.5	14733174	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.19	163.5	Sn	06:45:05.477	0.4	T__				T__				---	---		14733175	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1																									
VYHS	1.23	21.6	Pn	06:44:49.371	0.9	T__				T__	1.3	0.0		---	MLv	0.8	14733176	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.23	21.6	Sn	06:45:05.204	-0.7	T__				T__				---	---		14733177	FDSN	SK	--	BUD	iLoc	HHE	???	_

```

(Station ML : 0.8 0
PSZ 1.30 63.8 Pn 06:44:51.059 1.3 T__ 1.8 0.0 ___ MLv 1.7 14733178 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 1.30 63.8 Sn 06:45:06.830 -1.5 T__ ___ 14733179 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
2016/08/20 06:53:19.97 1.25 0.97 47.3357 17.9977 8.1 4.8 144 5.0A 10 5 143 0.18 1.41 m ke BUD 14733401 iLoc 227

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Magnitude Err Nsta Author OrigID
ML 1.5 0.3 5 BUD 14733401

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Sta 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 81.1 Pg 06:53:23.823 -0.1 T__ 30.6 8.7 ___ MLv 2.7 14733403 FDSN HU -- BUD iLoc SHZ SHZ _
CSKK 0.18 81.1 Lg 06:53:25.519 -1.5 T__ ___ 14733404 FDSN HU -- BUD iLoc SHE ??? _
(Station ML : 2.7 0
MPLH 0.35 242.2 Pg 06:53:27.000 -0.2 T__ 1.5 0.0 ___ MLv 0.7 14733405 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.35 242.2 Lg 06:53:32.042 -0.6 T__ ___ 14733406 FDSN HU -- BUD iLoc BHN ??? _
(Station ML : 0.7 0
MORH 1.21 158.1 Pg 06:53:44.060 0.3 T__ 1.5 0.0 ___ MLv 1.5 14733407 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 1.21 158.1 Sn 06:54:01.040 1.3 T__ ___ 14733408 FDSN HU -- BUD iLoc BHE ??? _
(Station ML : 1.5 1
VYHS 1.29 25.6 Pg 06:53:46.623 1.0 T__ 1.7 0.0 ___ MLv 0.8 14733409 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 25.6 Sn 06:54:01.246 -0.5 T__ ___ 14733410 FDSN SK -- BUD iLoc HHE ??? _
(Station ML : 0.8 1
PSZ 1.41 64.9 Pg 06:53:48.386 -0.1 T__ 1.5 0.0 ___ MLv 1.7 14733411 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 1.41 64.9 Sn 06:54:06.038 0.9 T__ ___ 14733412 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
2016/08/20 19:47:38.18 0.17 0.21 46.3194 21.8770 1.5 0.9 137 5.8F 1.8 12 160 0.16 1.54 a ke BUC 14613750 ISC 360
2016/08/20 19:47:37.22 1.03 1.02 46.3532 21.8578 7.8 3.8 131 10.0F 1.4 22 7 176 0.16 1.58 m ke BUD 14733434 iLoc 221

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Magnitude Err Nsta Author OrigID
ml 1.0 BUC 14613750
ML 1.4 0.3 4 BUD 14733434

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```

Sta 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 0.16 237.0 Pg 19:47:40.973 -0.3 T__ 15.0 0.2 ___ MLv 1.1 14733436 FDSN RO -- BUD iLoc BHZ BHZ _
SIRR 0.16 237.0 Lg 19:47:43.843 -0.5 T__ ___ 14733437 FDSN RO -- BUD iLoc BHE ??? _
SIRR 0.16 238.1 Pb 19:47:41.593 0.4 T__ ___ 14733438 FDSN IR -- ISC iLoc ??? ??? _
SIRR 0.16 238.1 Pb 19:47:41.593 0.4 T__ 0.2 ___ 14733439 FDSN IR -- ISC iLoc ??? ??? _
(Station ML : 1.1 1
DRGR 0.73 53.0 Pg 19:47:52.510 0.5 T__ ___ 14733440 FDSN IR -- ISC iLoc ??? ??? _
DRGR 0.73 53.0 Lg 19:48:02.614 -1.2 T__ ___ 14733442 FDSN IR -- ISC iLoc ??? ??? _
DRGR 0.73 53.0 Sg 19:48:01.969 -1.9 T__ ___ 14733443 FDSN RO -- BUD iLoc BHE ??? _
BZS 0.75 191.8 Pg 19:47:52.073 0.1 T__ 1.8 0.0 ___ MLv 1.3 14733444 FDSN RO -- BUD iLoc BHZ BHZ _
BZS 0.75 191.8 Lg 19:48:01.618 -1.1 T__ ___ 14733445 FDSN RO -- BUD iLoc BHE ??? _
BZS 0.76 192.9 Pb 19:47:52.302 0.2 T__ ___ 14733446 FDSN IR -- ISC iLoc ??? ??? _
BZS 0.76 192.9 Sg 19:48:01.866 -1.0 T__ ___ 14733448 FDSN IR -- ISC iLoc ??? ??? _
(Station ML : 1.3 1

```

DEV	0.87	122.5	Lg	19:48:05.875	-0.6	T__									14733449	FDSN	IR	--	ISC	iLoc	???	???	_	
DEV	0.87	122.5	Lg	19:48:05.875	-0.6	T__									14733450	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.15	145.9	Pg	19:47:59.685	0.3	T__	2.6	0.0						MLv	1.6	14733451	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.15	145.9	Sn	19:48:14.935	-0.2	T__									14733452	FDSN	RO	--	BUD	iLoc	BHE	???	_	
GZR	1.15	145.9	Lg	19:48:15.241	-0.6	T__									14733453	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.6 1																								
CJR	1.25	72.7	Pg	19:48:02.071	0.3	T__	1.8	0.1						MLv	2.1	14733454	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	1.25	72.7	Sn	19:48:19.995	1.7	T__									14733455	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.1 1																								
MDVR	1.58	183.8	Sn	19:48:27.551	1.8	T__									14733456	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
2016/08/21	23:16:03.48	0.24	0.55	45.5597	21.3441	1.9	1.5	129	0.3F	2.3	25	84		0.20	2.60	a	ke BUC	14613783	ISC			360
2016/08/21	23:16:02.57	1.13	1.10	45.6004	21.3100	3.1	2.6	133	0.1F	1.7	56	21	46	0.15	2.63	m	ke BUD	14733512	iLoc			65

Magnitude	Err	Nsta	Author	OrigID
ml	1.9		BUC	14613783
ML	2.2	0.1	12 BUD	14733512

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIM	0.15	335.4	Pg	23:16:07.682	1.6					T__						14733514	FDSN	IR	--	ISC	iLoc	???	???	_	
TIM	0.15	335.4	Pg	23:16:07.682	1.6					T__		0.3				14733515	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.22	85.6	Pg	23:16:08.127	1.0					T__						14733516	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.22	85.6	Pg	23:16:08.127	1.0					T__		0.2				14733517	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.22	85.6	Lg	23:16:10.963	0.3					T__		0.2				14733518	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.23	85.3	Pb	23:16:07.532	0.1					T__	34.6	0.5			MLv	1.6	14733519	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.23	85.3	Sg	23:16:11.771	0.6					T__						14733520	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 0																									
BANR	0.25	209.3	Pg	23:16:08.022	0.1					T__	22.3	1.6			MLv	2.2	14733521	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BANR	0.25	209.3	Lg	23:16:12.384	0.4					T__						14733522	FDSN	RO	--	BUD	iLoc	BHE	???	_	
BANR	0.25	209.4	Pb	23:16:07.700	-0.2					T__		1.6				14733523	FDSN	IR	--	ISC	iLoc	???	???	_	
BANR	0.25	209.4	Sg	23:16:11.630	-0.3					T__		2.9				14733524	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.2 1																									
SIRR	0.71	20.2	Pg	23:16:17.369	0.0					T__	18.7	0.2			MLv	2.1	14733525	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.71	20.2	Lg	23:16:26.826	-1.7					T__						14733526	FDSN	RO	--	BUD	iLoc	BHE	???	_	
SIRR	0.71	20.0	Pb	23:16:17.520	0.2					T__						14733527	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.71	20.0	Pb	23:16:17.520	0.2					T__		0.1				14733528	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.71	20.0	Sg	23:16:27.918	-0.6					T__		0.1				14733529	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.1 1																									
MDVR	0.87	160.7	Pg	23:16:18.750	-0.9					T__						14733530	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	0.87	160.7	Pg	23:16:18.750	-0.9					T__		0.1				14733531	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	0.87	160.7	Lg	23:16:30.224	-2.0					T__		0.1				14733532	FDSN	IR	--	ISC	iLoc	???	???	_	
BEO	0.99	218.1	Lg	23:16:35.315	-0.2					T__						14733533	FDSN	SJ	--	BUD	iLoc	BHE	???	_	
GZR	1.05	100.8	Pg	23:16:22.500	-0.3					T__						14733534	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.05	100.8	Pb	23:16:22.672	-0.1					T__	20.2	0.2			MLv	2.4	14733535	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.05	100.8	Lg	23:16:36.580	-1.2					T__						14733536	FDSN	RO	--	BUD	iLoc	BHN	???	_	
GZR	1.05	100.8	Sg	23:16:37.199	-0.6					T__		0.2				14733537	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.4 0																									
HERR	1.06	132.2	Pg	23:16:23.171	0.2					T__						14733538	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.06	132.2	Pg	23:16:23.171	0.2					T__		0.1				14733539	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.06	132.2	Lg	23:16:36.768	-0.9					T__		0.1				14733540	FDSN	IR	--	ISC	iLoc	???	???	_	

FRGS	1.14	246.4	Pg	23:16:25.219	0.6	T__	9.5	0.2	---	MLv	2.4	14733541	FDSN	SJ	--	BUD	iLoc	HHZ	HHZ	_	
FRGS	1.14	246.4	Lg	23:16:41.336	-0.3	T__			---			14733542	FDSN	SJ	--	BUD	iLoc	HHE	???	_	
FRGS	1.15	247.8	Sg	23:16:41.687	-0.0	T__		0.1	---			14733543	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.4 1																					
DEV	1.15	75.2	Pg	23:16:25.500	0.9	T__		0.3	---			14733544	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.54	38.7	Pn	23:16:30.905	0.3	T__			---			14733545	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.54	38.7	Pg	23:16:40.500	7.4	---			---			14733547	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.54	38.7	Sn	23:16:53.983	1.2	T__			---			14733548	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.54	38.7	Pb	23:16:30.768	-2.4	T__	2.2	0.1	---	MLv	2.1	14733549	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.1 0																					
LOT	1.74	94.2	Pg	23:16:35.800	0.1	T__			---			14733550	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.74	94.2	Sn	23:16:58.329	0.6	T__			---			14733551	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.74	94.2	Pb	23:16:35.172	-0.6	T__	4.3	0.1	---	MLv	2.2	14733552	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
LOT	1.74	94.2	Lg	23:16:57.266	-3.7	T__			---			14733553	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.2 1																					
DIVS	1.77	212.4	Pn	23:16:32.974	-0.6	T__	2.6	0.1	---	MLv	2.2	14733554	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_	
DIVS	1.77	212.4	Sn	23:16:58.334	0.9	T__			---			14733555	FDSN	MN	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.2 1																					
CJR	1.94	54.2	Pg	23:16:40.274	-0.2	T__	2.9	0.1	---	MLv	2.7	14733556	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.7 0																					
MORH	1.96	289.2	Pn	23:16:35.787	-0.3	T__	3.4	0.1	---	MLv	2.4	14733557	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	1.96	289.2	Pg	23:16:40.282	-0.5	T__			---			14733558	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.4 1																					
BOVS	1.99	171.7	Pn	23:16:37.984	1.6	T__			---			14733559	FDSN	IR	--	ISC	iLoc	???	???	_	
BOVS	1.99	171.7	Sn	23:17:02.838	0.5	T__			---			14733561	FDSN	IR	--	ISC	iLoc	???	???	_	
BLKB	2.20	153.3	Pn	23:16:41.032	1.3	T__			---			14733562	FDSN	IR	--	ISC	iLoc	???	???	_	
BLKB	2.20	153.3	Sn	23:17:09.826	1.3	T__			---			14733564	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	2.30	283.4	Pg	23:16:46.549	-0.6	T__	1.6	0.0	---	MLv	2.2	14733565	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.2 1																					
ARR	2.35	94.5	Pn	23:16:43.831	1.7	T__			---			14733566	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	2.51	337.7	Pn	23:16:44.085	-0.2	T__	1.8	0.0	---	MLv	2.4	14733568	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.4 1																					
VOIR	2.63	92.2	Pn	23:16:47.475	1.2	T__			---			14733569	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
2016/08/22	10:50:03.35	0.22	0.33	46.3487	21.9940	2.3	1.2	139	6.3F	2.5	11	157	0.24	1.58	a	ke	BUC	14613886	ISC			360
2016/08/22	10:50:02.75	1.00	0.70	46.3686	21.9940	8.6	3.7	139	4.4F	0.6	18	6	163	0.25	1.60	m	ke	BUD	14733477	iLoc		210

Magnitude	Err	Nsta	Author	OrigID
ml	1.3		BUC	14613886
ML	1.5	0.3	3 BUD	14733477

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.25	245.9	Pg	10:50:08.627	0.4				T__	6.7	0.2			---	MLv	1.3	14733479	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.25	245.9	Lg	10:50:12.133	-0.3				T__					---		14733480	FDSN	RO	--	BUD	iLoc	BHE	???	_	
SIRR	0.25	246.5	Sg	10:50:11.562	-0.8				T__		0.2			---		14733481	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.3 1																									
DRGR	0.65	49.2	Pg	10:50:16.270	0.4				T__					---		14733482	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.65	49.2	Lg	10:50:25.612	-0.9				T__					---		14733484	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.65	49.2	Sg	10:50:27.268	0.8				T__					---		14733485	FDSN	RO	--	BUD	iLoc	BHN	???	_	
BZS	0.79	198.3	Pg	10:50:18.473	0.3				T__	2.5	0.0			---	MLv	1.5	14733486	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_



BZS	0.79	198.3	Lg	10:50:28.575	-1.0	T__	---	---	14733487	FDSN	RO	--	BUD	iLoc	BHE	???	_			
(Station ML : 1.5 1																				
GZR	1.12	150.4	Pn	10:50:24.271	0.2	T__	---	---	14733488	FDSN	IR	--	ISC	iLoc	???	???	_			
GZR	1.12	150.4	Pg	10:50:24.460	0.3	T__	5.9	0.1	---	MLv	1.9	14733490	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.12	150.4	Lg	10:50:40.295	-0.5	T__	---	---	14733491	FDSN	IR	--	ISC	iLoc	???	???	_			
(Station ML : 1.9 1																				
CJR	1.16	72.1	Sn	10:50:41.772	-0.9	T__	---	---	14733492	FDSN	IR	--	ISC	iLoc	???	???	_			
CJR	1.16	72.1	Sn	10:50:41.772	-0.9	T__	---	0.1	---	---	14733493	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.60	187.2	Pn	10:50:31.415	0.5	T__	---	---	14733494	FDSN	IR	--	ISC	iLoc	???	???	_			
MDVR	1.60	187.2	Sn	10:50:54.011	0.9	T__	---	---	14733496	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
2016/08/22	11:34:52.93	1.26	0.43	48.0047	19.6459	9.8	6.8	5	9.6F	10.3	8	5	110	0.19	1.63	m	ke BUD	14733634	iLoc			180

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD	14733634

Sta	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	117.3	Pg	11:34:57.651	0.0	T__	49.9			T__	49.9	0.8			MLv	1.7	14733636	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.19	117.3	Lg	11:35:01.006	-0.2	T__				T__					---	14733637	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
A336A	0.49	298.1	Pg	11:35:02.947	0.0	T__	5.3	0.1		---	MLv	1.7	14733638	FDSN	Z3			00	BUD	iLoc	HHZ	HHZ	_		
(Station ML : 1.7 1																									
VVHS	0.73	312.4	Pn	11:35:08.577	0.5	T__	3.3	0.0		---	MLv	0.9	14733639	FDSN	SK			--	BUD	iLoc	HHZ	HHZ	_		
VVHS	0.73	312.4	Sn	11:35:19.338	-0.7	T__				---	---	14733640	FDSN	SK				--	BUD	iLoc	HHZ	???	_		
(Station ML : 0.9 1																									
KECS	0.74	49.2	Pg	11:35:07.538	-0.0	T__	1.9	0.1		---	MLv	2.1	14733641	FDSN	SK			--	BUD	iLoc	EHE	EHZ	_		
KECS	0.74	49.2	Sn	11:35:20.133	-0.1	T__				---	---	14733642	FDSN	SK				--	BUD	iLoc	EHN	???	_		
(Station ML : 2.1 1																									
TIH	1.63	227.8	Sn	11:35:41.843	-0.2	T__				---	---	14733643	FDSN	HU				--	BUD	iLoc	SHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/08/23	10:45:30.20	0.54		45.5490	17.8170	0.1	0.0		5.6F	3.7	19			0.49	2.12	a	ke RHSSO	14613917	ISC				360
2016/08/23	10:45:29.78	0.85	1.08	45.5343	17.7984	3.6	3.2	4	6.1F	1.0	40	17	65	0.48	2.33	m	ke BUD	14733661	iLoc				93

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		RHSSO	14613917
ML	2.3	0.2	9 BUD	14733661

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A052A	0.48	205.0	Pg	10:45:39.300	-0.1	T__				T__					---	14733663	FDSN	IR	--	ISC	iLoc	???	???	_
A052A	0.48	205.0	Lg	10:45:46.100	-0.5	T__				T__					---	14733664	FDSN	IR	--	ISC	iLoc	???	???	_
KOVH	0.59	20.7	Pg	10:45:42.455	0.6	T__	3.2	0.1		---	MLv	1.6	14733665	FDSN	HU			--	BUD	iLoc	BHZ	BHZ	_	
KOVH	0.59	20.7	Lg	10:45:50.998	0.0	T__				---	---	14733666	FDSN	HU				--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 0																								
MOSL	0.74	276.5	Pg	10:45:44.950	0.4	T__				---	---	14733667	FDSN	IR				--	ISC	iLoc	???	???	_	
A051A	0.82	230.7	Pg	10:45:45.900	-0.1	T__				---	---	14733668	FDSN	IR				--	ISC	iLoc	???	???	_	
A051A	0.82	230.7	Lg	10:45:57.700	-0.3	T__				---	---	14733669	FDSN	IR				--	ISC	iLoc	???	???	_	

BLY	0.86	210.5	Pg	10:45:48.702	2.0	T__	2.1	0.1	---	MLv	2.0	14733670	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	0.86	210.5	Sn	10:46:02.001	0.5	T__			---			14733671	FDSN	MN	--	BUD	iLoc	BHE	???	_
BLY	0.90	209.2	Pb	10:45:46.500	-0.8	T__			---			14733672	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	0.90	209.2	Lg	10:45:59.800	-0.5	T__			---			14733673	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.0 1																				
MORH	0.90	40.6	Pn	10:45:47.652	-0.3	T__	11.4	0.2	---	MLv	2.2	14733674	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.90	40.6	Sn	10:46:01.860	-0.2	T__			---			14733675	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 2.2 1																				
KALN	1.11	302.9	Pn	10:45:52.100	0.7	T__			---			14733676	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.23	204.7	Pn	10:45:52.700	-0.2	T__			---			14733677	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.23	204.7	Sn	10:46:09.600	-0.9	T__			---			14733678	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	1.34	286.9	Pn	10:45:54.628	0.3	T__	1.7	0.1	---	MLv	2.2	14733679	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.34	286.9	Lg	10:46:14.365	-0.1	T__			---			14733680	FDSN	CR	--	BUD	iLoc	BHN	???	_
PTJ	1.34	286.9	Pg	10:45:54.370	-1.8	T__			---			14733681	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.2 1																				
A050A	1.38	220.9	Pn	10:45:55.600	0.2	T__			---			14733682	FDSN	IR	--	ISC	iLoc	???	???	_
A050A	1.38	220.9	Sn	10:46:14.700	-0.3	T__			---			14733683	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	1.41	310.8	Pn	10:45:56.699	1.3	T__	1.7	0.3	---	MLv	2.8	14733684	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.41	310.8	Sn	10:46:13.777	-1.2	T__			---			14733685	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Station ML : 2.8 0																				
FRGS	1.47	104.2	Pn	10:45:56.300	0.4	T__			---			14733686	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	1.47	104.2	Sn	10:46:16.400	0.4	T__			---			14733687	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	1.49	104.8	Pg	10:45:59.194	0.8	T__	2.9	0.1	---	MLv	2.3	14733688	FDSN	SJ	--	BUD	iLoc	HHE	HHZ	_
FRGS	1.49	104.8	Lg	10:46:17.933	-1.9	T__			---			14733689	FDSN	SJ	--	BUD	iLoc	HHE	???	_
(Station ML : 2.3 1																				
SRKY	1.53	197.3	Sn	10:46:19.700	1.1	T__			---			14733690	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	1.67	280.9	Pg	10:46:03.358	1.1	T__	1.2	0.2	---	MLv	2.7	14733691	FDSN	SL	--	BUD	iLoc	BHN	BHZ	_
CRES	1.67	280.9	Sn	10:46:22.325	0.8	T__			---			14733692	FDSN	SL	--	BUD	iLoc	BHE	???	_
CRES	1.67	280.9	Pn	10:45:59.500	0.6	T__			---			14733693	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	1.67	280.9	Lg	10:46:21.800	-3.1	T__			---			14733694	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.7 1																				
BOJS	1.79	269.9	Pn	10:46:02.300	1.7	T__			---			14733695	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	1.79	269.9	Sn	10:46:24.800	0.4	T__			---			14733696	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.12	131.8	Pn	10:46:06.600	1.4	T__			---			14733697	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.12	131.8	Sn	10:46:32.800	0.8	T__			---			14733698	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.12	131.8	Pg	10:46:09.841	-0.7	T__	1.9	0.1	---	MLv	2.6	14733699	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
DIVS	2.12	131.8	Lg	10:46:38.205	-0.4	T__			---			14733700	FDSN	MN	--	BUD	iLoc	BHN	???	_
(Station ML : 2.6 1																				
ARSA	2.33	318.3	Pn	10:46:09.782	1.8	T__	1.8	0.0	---	MLv	2.4	14733701	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	2.33	318.3	Sn	10:46:37.351	0.5	T__			---			14733702	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
2016/08/23	23:09:43.20	0.41		45.7190	17.4920	0.0	0.0		5.6F	5.4	13			0.81	1.66	a	ke RHSSO	14613970	ISC			360
2016/08/23	23:09:42.19	1.06	0.97	45.6908	17.5345	3.5	2.7	119	7.2F	7.0	41	22	83	0.30	1.64	m	ke BUD	14733740	iLoc			101

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		RHSSO	14613970
ML	2.1	0.4	10 BUD	14733740

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
A273A	0.30	41.0	Pg	23:09:49.761	1.2					T__	2.7	0.3			---	MLv	1.7	14733742	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_

A273A	0.30	41.0	Lg	23:09:54.948	1.6	T__	---	---	14733743	FDSN	Z3	--	BUD	iLoc	HHN	???	_			
			(Station ML : 1.7 1																	
A252A	0.34	139.1	Pg	23:09:49.570	0.3	T__	---	---	14733744	FDSN	IR	--	ISC	iLoc	???	???	_			
A252A	0.34	139.1	Lg	23:09:54.010	-0.7	T__	---	---	14733745	FDSN	IR	--	ISC	iLoc	???	???	_			
A264A	0.50	340.0	Pg	23:09:52.841	0.4	T__	9.7	0.7	---	MLv	2.6	14733746	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.50	340.0	Lg	23:09:59.936	-0.2	T__	---	---	14733747	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
			(Station ML : 2.6 0																	
MOSL	0.55	262.2	Pg	23:09:53.530	0.1	T__	---	---	14733748	FDSN	IR	--	ISC	iLoc	???	???	_			
MOSL	0.55	262.2	Lg	23:09:59.150	-2.7	T__	---	---	14733749	FDSN	IR	--	ISC	iLoc	???	???	_			
KOVH	0.56	44.6	Pg	23:09:53.818	0.2	T__	2.8	0.1	---	MLv	1.6	14733750	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.56	44.6	Lg	23:10:01.607	-0.7	T__	---	---	14733751	FDSN	HU	--	BUD	iLoc	BHE	???	_			
			(Station ML : 1.6 0																	
A265A	0.76	13.8	Pn	23:09:57.746	-0.6	T__	4.0	0.2	---	MLv	2.2	14733752	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
			(Station ML : 2.2 1																	
A051A	0.81	213.3	Pg	23:09:58.000	-0.3	T__	---	---	14733753	FDSN	IR	--	ISC	iLoc	???	???	_			
A051A	0.81	213.3	Lg	23:10:09.400	-0.8	T__	---	---	14733754	FDSN	IR	--	ISC	iLoc	???	???	_			
KALN	0.87	300.7	Pg	23:09:59.970	0.2	T__	---	---	14733755	FDSN	IR	--	ISC	iLoc	???	???	_			
MORH	0.93	55.5	Pn	23:10:00.100	-0.6	T__	---	---	14733756	FDSN	IR	--	ISC	iLoc	???	???	_			
MORH	0.93	55.5	Lg	23:10:13.000	-1.3	T__	---	---	14733757	FDSN	IR	--	ISC	iLoc	???	???	_			
MORH	0.94	55.5	Pg	23:10:00.556	-0.2	T__	2.7	0.0	---	MLv	1.7	14733758	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.94	55.5	Sg	23:10:13.122	-1.2	T__	---	---	14733759	FDSN	HU	--	BUD	iLoc	BHN	???	_			
			(Station ML : 1.7 0																	
BLY	0.94	195.6	Pn	23:10:02.048	1.1	T__	1.4	0.1	---	MLv	1.8	14733760	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	0.94	195.6	Lg	23:10:13.802	0.1	T__	---	---	14733761	FDSN	MN	--	BUD	iLoc	BHE	???	_			
BLY	0.97	194.9	Pg	23:10:00.800	-0.4	T__	---	---	14733762	FDSN	IR	--	ISC	iLoc	???	???	_			
BLY	0.97	194.9	Lg	23:10:14.400	-0.4	T__	---	---	14733763	FDSN	IR	--	ISC	iLoc	???	???	_			
			(Station ML : 1.8 1																	
A266A	0.98	31.1	Pg	23:10:02.249	0.6	T__	2.7	0.2	---	MLv	2.3	14733764	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.98	31.1	Sn	23:10:15.998	-0.3	T__	---	---	14733765	FDSN	Z3	00	BUD	iLoc	HHE	???	_			
			(Station ML : 2.3 1																	
DOB	1.04	157.1	Sn	23:10:17.600	-0.2	T__	---	---	14733766	FDSN	IR	--	ISC	iLoc	???	???	_			
A251A	1.06	238.3	Pg	23:10:02.040	-0.4	T__	---	---	14733767	FDSN	IR	--	ISC	iLoc	???	???	_			
PTJ	1.12	281.7	Lg	23:10:19.801	-0.1	T__	---	---	14733768	FDSN	CR	--	BUD	iLoc	BHE	???	_			
LOB0	1.12	294.9	Pn	23:10:03.620	-0.1	T__	---	---	14733769	FDSN	IR	--	ISC	iLoc	???	???	_			
KOGS	1.17	310.7	Pg	23:10:05.629	0.4	T__	1.5	0.2	---	MLv	2.5	14733770	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.17	310.7	Sn	23:10:20.623	-0.7	T__	---	---	14733771	FDSN	SL	--	BUD	iLoc	BHN	???	_			
			(Station ML : 2.5 1																	
MGRS	1.31	194.2	Pg	23:10:07.900	0.3	T__	---	---	14733772	FDSN	IR	--	ISC	iLoc	???	???	_			
MGRS	1.31	194.2	Sn	23:10:25.200	0.3	T__	---	---	14733773	FDSN	IR	--	ISC	iLoc	???	???	_			
A050A	1.40	210.8	Pn	23:10:08.900	0.9	T__	---	---	14733774	FDSN	IR	--	ISC	iLoc	???	???	_			
A050A	1.40	210.8	Sn	23:10:28.400	0.8	T__	---	---	14733775	FDSN	IR	--	ISC	iLoc	???	???	_			
CRES	1.46	276.1	Pg	23:10:12.009	1.5	T__	1.5	0.2	---	MLv	2.6	14733776	FDSN	SL	--	BUD	iLoc	BHE	BHZ	_
CRES	1.46	276.1	Sn	23:10:30.059	1.4	T__	---	---	14733777	FDSN	SL	--	BUD	iLoc	BHE	???	_			
CRES	1.46	276.1	Lg	23:10:28.400	-2.3	T__	---	---	14733778	FDSN	IR	--	ISC	iLoc	???	???	_			
			(Station ML : 2.6 0																	
MPLH	1.48	0.1	Pg	23:10:11.822	0.4	T__	2.2	0.0	---	MLv	1.9	14733779	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.48	0.1	Lg	23:10:32.327	0.6	T__	---	---	14733780	FDSN	HU	--	BUD	iLoc	BHE	???	_			
			(Station ML : 1.9 1																	
PLIT	1.57	239.6	Pn	23:10:11.560	1.3	T__	---	---	14733781	FDSN	IR	--	ISC	iLoc	???	???	_			
SRKY	1.64	189.3	Sn	23:10:34.700	1.2	T__	---	---	14733782	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  
 2016/08/24 10:03:00.95 1.55 0.45 47.2564 18.4276 9.0 6.2 81 3.6F 16.7 9 5 159 0.16 1.27 m kx BUD 14734013 iLoc 218  
 2016/08/24 10:03:01.52f 1.05 47.2302 18.2835f 0.0S 9 149 0.13 1.32 a kx BUD\_GT 14759311 BUD 172

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

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.2 5 BUD 14734013  
 ML 1.6 0.2 5 BUD 14759311

Sta	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	353.4	Pg	10:03:04.291	-0.5					T__		4.2		---	MLv	14759728	FDSN	HU	--	BUD	BUD	SHZ	SHZ	_
CSKK	0.13	353.4	Lg	10:03:06.822	-0.7					T__				---		14759729	FDSN	HU	--	BUD	BUD	SHN	???	_
MPLH	0.51	263.5	Pg	10:03:13.833	1.7					T__		0.1		---	MLv	14759730	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MPLH	0.51	263.5	Lg	10:03:22.013	1.9					T__				---		14759731	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	1.04	166.1	Pn	10:03:22.224	-0.1					T__		0.0		---	MLv	14759732	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	1.04	166.1	Lg	10:03:36.700	-1.4					T__				---		14759733	FDSN	HU	--	BUD	BUD	BHN	???	_
KOVH	1.15	186.4	Pg	10:03:24.561	-0.1					T__		0.0		---	MLv	14759734	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	1.15	186.4	Sn	10:03:40.725	-0.9					T__				---		14759735	FDSN	HU	--	BUD	BUD	BHN	???	_
VYHS	1.32	16.2	Pn	10:03:26.476	0.2					T__		0.0		---	MLv	14759736	FDSN	SK	--	BUD	BUD	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  
 2016/08/25 10:28:13.50 1.06 2.25 48.1642 19.0222 9.0 4.2 65 5.0A 11 7 127 0.07 1.89 m ke BUD 14736239 iLoc 192

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.2 6 BUD 14736239

Sta	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	0.07	347.4	Pg	10:28:15.599	0.3					T__	96.7	2.2		---	MLv	1.8 14736241	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Station ML : 1.8 0																				
A270A	0.32	180.4	Pg	10:28:18.665	-1.5					T__	8.1	0.2		---	MLv	1.5 14736242	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A270A	0.32	180.4	Lg	10:28:23.118	-2.1					T__				---		14736243	FDSN	Z3	00	BUD	iLoc	HHE	???	_
				(Station ML : 1.5 1																				
VYHS	0.35	339.5	Pg	10:28:20.417	-0.3					T__	4.4	0.0		---	MLv	0.3 14736244	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	339.5	Lg	10:28:24.312	-1.8					T__				---		14736245	FDSN	SK	--	BUD	iLoc	HHN	???	_
				(Station ML : 0.3 0																				
PSZ	0.63	112.5	Pg	10:28:26.519	-0.4					T__	2.4	0.0		---	MLv	1.4 14736246	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.63	112.5	Lg	10:28:35.541	-1.4					T__				---		14736247	FDSN	GE	--	BUD	iLoc	BHN	???	_
				(Station ML : 1.4 1																				
BUD	0.68	179.9	Pn	10:28:35.023	6.5					---	1.6	0.1		---	MLv	1.7 14736248	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.68	179.9	Sn	10:28:45.669	5.2					T__				---		14736249	FDSN	HU	--	BUD	iLoc	BHE	???	_
				(Station ML : 1.7 1																				
JAVC	1.14	308.2	Pn	10:28:35.670	0.4					T__	1.5	0.0		---	MLv	1.6 14736250	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	1.14	308.2	Sn	10:28:52.906	1.0					T__				---		14736251	FDSN	CZ	--	BUD	iLoc	BHE	???	_
				(Station ML : 1.6 1																				
MORC	1.89	329.4	Sn	10:29:10.206	-0.3					T__				---		14736252	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

2016/08/26 03:51:57.79 1.17 0.65 46.9284 17.6682 6.5 4.8 46 8.8F 11.1 12 8 90 0.15 1.09 m ke BUD 14736278 iLoc 120

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.1 6 BUD 14736278

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
TIH	0.15	100.6	Pg	03:52:01.306	-0.2				T__		3.8	0.6		---	MLv	1.5 14736280	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_		
TIH	0.15	100.6	Lg	03:52:04.020	-0.3				T__					---		14736281	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 1.5 1																										
MPLH	0.26	340.0	Pg	03:52:02.949	-0.4				T__		3.3	0.0		---	MLv	0.6 14736282	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
MPLH	0.26	340.0	Lg	03:52:07.258	-0.2				T__					---		14736283	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 0.6 0																										
A263A	0.38	220.3	Pg	03:52:05.770	0.1				T__		2.3	0.2		---	MLv	1.5 14736284	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
(Station ML : 1.5 1																										
EGYH	0.54	334.9	Lg	03:52:17.245	0.4				T__					---		14736285	FDSN	HU	--	BUD	iLoc	SHE	???	_		
CSKK	0.59	42.7	Pg	03:52:09.419	-0.4				T__		1.9	0.4		---	MLv	2.4 14736286	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_		
(Station ML : 2.4 0																										
KOVH	0.89	160.3	Pg	03:52:15.541	-0.2				T__		1.9	0.0		---	MLv	1.3 14736287	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_		
KOVH	0.89	160.3	Lg	03:52:28.478	-0.0				T__					---		14736288	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.3 1																										
MORH	0.98	136.3	Pn	03:52:17.351	0.8				T__		2.1	0.0		---	MLv	1.3 14736289	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
MORH	0.98	136.3	Lg	03:52:30.279	-0.9				T__					---		14736290	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.3 1																										
KOGS	1.09	244.3	Lg	03:52:33.384	-1.1				T__					---		14736291	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  
 2016/08/26 08:09:28.19 3.22 0.00 46.3632 18.1668 24.8 8.1 151 0.0A 4 2 284 0.28 0.36 m ke BUD 14736317 iLoc 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	189.6	Pg	08:09:34.339	-0.0				T__		4.1	0.1		---	MLv	0.8 14736319	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.28	189.6	Lg	08:09:39.142	0.0				T__					---		14736320	FDSN	HU	--	BUD	iLoc	HHE	???	_
MORH	0.36	113.8	Pg	08:09:35.918	0.0				T__		4.6	0.1		---	MLv	1.5 14736321	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.36	113.8	Lg	08:09:41.890	-0.0				T__					---		14736322	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  
 2016/08/27 08:54:59.36 1.60 1.16 46.3416 18.1683 8.6 7.3 88 5.0A 5 3 150 0.26 0.59 m kx BUD 14736616 iLoc 280  
 2016/08/27 08:55:01.80f 3.99 46.1765 18.2926f 0.0S 5 155 0.16 0.78 a kx BUD\_GT 14759313 BUD 258

(locality : Komló II.)  
 (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	08:55:05.457	1.5				T__			0.3		---	MLv	14759739	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	08:55:08.301	1.2				T__					---		14759740	FDSN	HU	--	BUD	BUD	BHE	???	_
MORH	0.25	80.7	Pg	08:55:07.298	1.7				T__			0.1		---	MLv	14759741	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_

MORH	0.25	80.7	Lg	08:55:11.243	1.3	T__	---	14759742	FDSN	HU	--	BUD	BUD	BHN	???	_
TIH	0.78	339.0	Lg	08:55:19.466	-8.5	T__	---	14759743	FDSN	HU	--	BUD	BUD	SHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/08/29	08:51:33.82	1.86	1.25	48.1300	21.3578	29.5	6.6	158	10.0A	7	4	198	0.79	1.72	m	ke	BUD	14737216	iLoc			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
HOLU	0.79	59.5	Pn	08:51:50.649	0.2					T__						14737218	FDSN	UA	--	BUD	iLoc	MHZ	???	_
HOLU	0.79	59.5	Sn	08:52:04.174	0.5					T__						14737219	FDSN	UA	--	BUD	iLoc	MHZ	???	_
PSZ	1.00	258.4	Pn	08:51:53.844	0.6					T__	5.6	0.1		MLv	2.1	14737220	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.00	258.4	Sn	08:52:06.860	-1.8					T__						14737221	FDSN	GE	--	BUD	iLoc	BHN	???	_
KOLS	1.01	36.8	Pn	08:51:53.779	0.2					T__	10.7	18.5		MLv	4.3	14737222	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.01	36.8	Sn	08:52:07.931	-1.3					T__						14737223	FDSN	SK	--	BUD	iLoc	HHN	???	_
VYHS	1.72	283.1	Sn	08:52:27.244	0.8					T__						14737224	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	
2016/08/29	14:43:24.03	1.35	1.30	47.4367	19.8307	4.9	4.4	46	2.0F	9.4	19	12	109	0.33	2.03	m	ke	BUD	14737227	iLoc			146

Magnitude Err Nsta Author OrigID

ML 1.9 0.1 10 BUD 14737227

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BSZH	0.33	114.7	Pg	14:43:30.644	-0.6					T__	2.8	0.4		MLv	1.8	14737229	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BSZH	0.33	114.7	Lg	14:43:36.066	-0.8					T__						14737230	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.8 1																									
PSZ	0.48	5.1	Pg	14:43:33.722	-0.7					T__	16.2	0.3		MLv	2.1	14737231	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.48	5.1	Lg	14:43:40.769	-1.3					T__						14737232	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.1 1																									
BUD	0.55	275.2	Lg	14:43:46.415	2.4					T__						14737233	FDSN	HU	--	BUD	iLoc	BHN	???	_	
A271A	0.73	247.8	Pn	14:43:40.663	0.5					T__	2.6	0.3		MLv	2.4	14737234	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_	
A271A	0.73	247.8	Sn	14:43:53.345	0.4					T__						14737235	FDSN	Z3	--	BUD	iLoc	HHE	???	_	
(Station ML : 2.4 0																									
A336A	0.97	325.2	Pn	14:43:43.833	0.3					T__	3.9	0.1		MLv	2.0	14737236	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.0 1																									
A267A	1.04	242.4	Lg	14:44:01.016	0.3					T__						14737237	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CSKK	1.07	266.6	Lg	14:44:01.836	0.2					T__						14737238	FDSN	HU	--	BUD	iLoc	SHE	???	_	
VYHS	1.25	328.1	Pn	14:43:47.663	0.1					T__	1.7	0.0		MLv	0.9	14737239	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	1.25	328.1	Sn	14:44:05.800	0.1					T__						14737240	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.9 0																									
A335A	1.43	315.7	Sn	14:43:50.004	-19.8					---	2.8	0.0		MLv	1.9	14737241	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 1.9 1																									
MORH	1.47	214.1	Pg	14:43:52.356	-0.6					T__	2.0	0.0		MLv	1.8	14737242	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	1.47	214.1	Lg	14:44:12.238	-2.5					T__						14737243	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 0																									
SIRR	1.72	132.3	Pn	14:43:56.134	2.0					T__	1.9	0.0		MLv	1.8	14737244	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
SIRR	1.72	132.3	Sn	14:44:18.157	1.0					T__						14737245	FDSN	RO	--	BUD	iLoc	BHN	???	_	

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(Station ML : 1.8 1
KOVH 1.80 222.0 Pg 14:43:59.148 -1.1 T__ 1.3 0.0 ___ MLv 1.9 14737246 FDSN HU -- BUD iLoc BHZ BHZ _
KOVH 1.80 222.0 Lg 14:44:24.101 -1.5 T__ ___ 14737247 FDSN HU -- BUD iLoc BHN ??? _
(Station ML : 1.9 1
JAVC 2.03 315.3 Pn 14:43:59.329 0.7 T__ 2.2 0.1 ___ MLv 2.4 14737248 FDSN CZ -- BUD iLoc BHZ BHZ _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2016/08/31 18:22:25.64 1.09 1.37 46.9586 17.4751 5.1 4.4 15 9.2F 8.4 15 10 48 0.22 1.46 m ke BUD 14737406 iLoc 89

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 14737406

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Sta 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 0.22 11.7 Pg 18:22:30.444 -0.0 T__ 9.8 0.2 ___ MLv 1.2 14737408 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.22 11.7 Lg 18:22:34.156 0.1 T__ ___ 14737409 FDSN HU -- BUD iLoc BHE ??? _
(Station ML : 1.2 0
A261A 0.22 268.4 Pg 18:22:29.593 -1.0 T__ 7.6 0.4 ___ MLv 1.5 14737410 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.22 268.4 Lg 18:22:33.472 -0.9 T__ ___ 14737411 FDSN Z3 00 BUD iLoc HHE ??? _
(Station ML : 1.5 1
TIH 0.29 101.5 Pg 18:22:31.278 -0.5 T__ 2.6 0.2 ___ MLv 1.5 14737412 FDSN HU -- BUD iLoc SHZ SHZ _
TIH 0.29 101.5 Lg 18:22:38.799 2.3 T__ ___ 14737413 FDSN HU -- BUD iLoc SHN ??? _
(Station ML : 1.5 1
A263A 0.34 199.2 Lg 18:22:39.031 0.9 T__ ___ 14737414 FDSN Z3 00 BUD iLoc HHE ??? _
EGYH 0.47 348.0 Pg 18:22:34.750 -0.5 T__ 2.2 0.1 ___ MLv 1.6 14737415 FDSN HU -- BUD iLoc SHZ SHZ _
EGYH 0.47 348.0 Lg 18:22:43.350 1.0 T__ ___ 14737416 FDSN HU -- BUD iLoc SHE ??? _
(Station ML : 1.6 1
CSKK 0.67 52.7 Pg 18:22:36.052 -3.1 T__ 2.6 0.5 ___ MLv 2.6 14737417 FDSN HU -- BUD iLoc SHZ SHZ _
(Station ML : 2.6 0
KOVH 0.97 153.4 Sn 18:22:59.314 0.2 T__ ___ 14737418 FDSN HU -- BUD iLoc BHN ??? _
KOGS 0.99 239.2 Pn 18:22:45.340 0.6 T__ 2.0 0.2 ___ MLv 2.3 14737419 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.99 239.2 Lg 18:22:59.188 0.2 T__ ___ 14737420 FDSN SL -- BUD iLoc BHN ??? _
(Station ML : 2.3 1
MORH 1.10 132.2 Lg 18:23:02.356 -0.4 T__ ___ 14737421 FDSN HU -- BUD iLoc BHE ??? _
CONA 1.46 312.1 Sn 18:23:12.368 0.9 T__ ___ 14737422 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
2016/09/01 05:42:20.85 1.11 0.62 48.6267 20.1870 5.6 4.9 34 10.0A 11 6 69 0.24 0.91 m ke BUD 14737448 iLoc 136

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD 14737448

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Sta 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 0.24 125.8 Pg 05:42:25.963 -0.2 T__ 9.1 0.5 ___ MLv 1.7 14737450 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.24 125.8 Lg 05:42:29.944 -0.2 T__ ___ 14737451 FDSN SK -- BUD iLoc EHN ??? _
(Station ML : 1.7 0
LANS 0.71 318.1 Pg 05:42:35.292 0.4 T__ 3.7 0.0 ___ MLv 1.5 14737452 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 0.71 318.1 Lg 05:42:44.477 -0.6 T__ ___ 14737453 FDSN SK -- BUD iLoc EHE ??? _
(Station ML : 1.5 1

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PSZ	0.74	195.5	Pg	05:42:35.661	-0.6	T__	1.6	0.0	___	MLv	1.6	14737454	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.74	195.5	Lg	05:42:47.959	0.7	T__			---			14737455	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.6 1																				
NIE	0.80	5.9	Lg	05:42:46.891	-0.7	T__			---			14737456	FDSN	PL	--	BUD	iLoc	BHE	???	_
CRVS	0.89	71.4	Pn	05:42:39.051	0.4	T__	1.3	0.0	___	MLv	1.0	14737457	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.89	71.4	Lg	05:42:51.274	-0.3	T__			---			14737458	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 1.0 1																				
VVHS	0.91	262.1	Pn	05:42:39.146	0.5	T__	1.2	0.0	___	MLv	0.8	14737459	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.91	262.1	Lg	05:42:50.918	-0.9	T__			---			14737460	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
2016/09/01	09:52:52.09	0.24	0.59	46.2958	22.0067	2.2	1.6	117	4.0A		17	86		0.24	1.53	a	ke BUC	14618673	ISC			360
2016/09/01	09:52:50.97	0.98	0.68	46.3179	21.9944	5.5	3.4	113	5.6F	9.5	29	10	92	0.24	1.55	m	ke BUD	14737482	iLoc			149

Magnitude	Err	Nsta	Author	OrigID
m1	1.7		BUC	14618673
ML	2.1	0.3	5 BUD	14737482

Sta	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	0.24	257.2	Pg	09:52:56.021	-0.1					T__	34.3	0.5		___	MLv	1.6	14737484	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.24	257.2	Lg	09:52:59.537	-0.6					T__				---			14737485	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Station ML : 1.6 0																									
DRGR	0.68	46.0	Lg	09:53:14.876	-1.0					T__				---			14737486	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.69	46.0	Pg	09:53:05.346	0.6					T__	5.4	0.1		___	MLv	2.1	14737487	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.69	46.0	Sg	09:53:14.698	-1.2					T__				---			14737488	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 2.1 1																									
BZS	0.74	199.6	Pg	09:53:05.794	0.3					T__	4.7	0.1		___	MLv	1.8	14737489	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.74	199.6	Lg	09:53:16.038	-0.2					T__				---			14737490	FDSN	RO	--	BUD	iLoc	BHE	???	_
BZS	0.75	200.7	Sg	09:53:15.641	-0.9					T__				---			14737491	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.8 1																									
BORR	0.79	349.5	Lg	09:53:20.048	0.5					T__				---			14737492	FDSN	IR	--	ISC	iLoc	???	???	_
BORR	0.79	349.5	Lg	09:53:20.048	0.5					T__		0.2		---			14737493	FDSN	IR	--	ISC	iLoc	???	???	_
MESR	1.06	37.9	Sn	09:53:27.738	-0.1					T__				---			14737494	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.07	149.1	Pn	09:53:12.144	0.6					T__				---			14737496	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.07	149.1	Pn	09:53:12.144	0.6					T__				---			14737497	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.07	149.1	Pg	09:53:12.714	1.1					T__	10.4	0.1		___	MLv	2.2	14737498	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.07	149.1	Lg	09:53:27.352	-0.0					T__		0.1		---			14737499	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.07	149.1	Sg	09:53:27.600	0.2					T__				---			14737500	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 2.2 1																									
CJR	1.18	69.8	Sn	09:53:30.540	-0.5					T__				---			14737501	FDSN	RO	--	BUD	iLoc	BHN	???	_
HERR	1.47	168.2	Pg	09:53:19.824	0.7					T__				---			14737502	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.47	168.2	Lg	09:53:39.707	0.1					T__				---			14737504	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.51	124.4	Pg	09:53:19.814	-0.3					T__				---			14737505	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.51	124.4	Sn	09:53:40.095	0.8					T__				---			14737507	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.52	124.5	Pb	09:53:20.273	0.1					T__	3.3	0.1		___	MLv	2.3	14737508	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
LOT	1.52	124.5	Lg	09:53:40.686	-1.5					T__				---			14737509	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Station ML : 2.3 0																									
MDVR	1.55	187.4	Pg	09:53:20.771	-0.5					T__				---			14737510	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.55	187.4	Lg	09:53:42.526	-0.5					T__				---			14737512	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
2016/09/01	11:20:22.20	2.07	2.27	45.9720	17.6865	20.6	5.9	3	10.0A		8	4	234	0.31	0.71	m	ke BUD	14737670	iLoc			326

Magnitude Err Nsta Author OrigID  
 ML 2.4 0.4 3 BUD 14737670

Sta	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	0.31	67.9	Pg	11:20:29.944	1.0				T__		95.0	1.8		---	MLv	2.4	14737672	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.31	67.9	Lg	11:20:31.658	-2.4				T__					---			14737673	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Station ML : 2.4 1																									
A264A	0.33	304.3	Pg	11:20:30.303	1.0				T__		15.2	2.9		---	MLv	2.7	14737674	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.33	304.3	Lg	11:20:32.307	-2.4				T__					---			14737675	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 2.7 1																									
A266A	0.68	35.7	Pg	11:20:37.693	1.7				T__					---			14737676	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
A266A	0.68	35.7	Lg	11:20:45.116	-0.9				T__					---			14737677	FDSN	Z3	00	BUD	iLoc	HHE	???	_
MORH	0.71	69.6	Pn	11:20:37.816	0.7				T__		1.7	0.1		---	MLv	1.8	14737678	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.71	69.6	Lg	11:20:43.955	-2.9				T__					---			14737679	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		
2016/09/03	08:25:22.97	3.26	0.94	47.8292	19.3243	31.6	6.4	25	0.0A		4	2	257	0.39	0.74	m	ke BUD	14737693	iLoc					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	
PSZ	0.39	76.7	Pg	08:25:31.435	-0.3				T__		21.9	0.5		---	MLv	2.1	14737695	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.39	76.7	Lg	08:25:38.979	0.6				T__					---			14737696	FDSN	GE	--	BUD	iLoc	BHN	???	_
VYHS	0.74	334.0	Pg	08:25:38.239	0.3				T__		1.8	0.0		---	MLv	0.7	14737697	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.74	334.0	Lg	08:25:48.396	-0.6				T__					---			14737698	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		
2016/09/05	08:43:12.10	0.00		48.3800	17.2900				0.0A		9					a	ke PRU	14622683	ISC					360
2016/09/05	08:43:11.34	0.26	0.69	48.4328	17.2168	3.3	1.6	133	0.0F	0.0	20		12	0.96	1.64	a	ke VIE	14622685	ISC					360
2016/09/05	08:43:10.96	1.15	0.83	48.3991	17.2712	4.8	3.9	117	5.5F	10.7	26	12	76	0.34	2.55	m	ke BUD	14738125	iLoc					139

Magnitude Err Nsta Author OrigID  
 mb 1.6 VIE 14622685  
 ml 1.9 VIE 14622685  
 ML 1.8 0.1 6 BUD 14738125

Sta	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	0.34	52.4	Lg	08:43:22.674	-0.2				T__					---			14738127	FDSN	Z3	00	BUD	iLoc	HH2	???	_
JAVC	0.53	29.8	Pg	08:43:21.498	-0.2				T__		4.8	0.1		---	MLv	1.9	14738128	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.53	29.8	Lg	08:43:29.806	0.2				T__					---			14738129	FDSN	CZ	--	BUD	iLoc	BHE	???	_
JAVC	0.53	29.8	Pb	08:43:21.200	-0.5				T__					---			14738130	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.9 0																									
KRUC	0.88	319.2	Pg	08:43:28.000	0.4				T__					---			14738131	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	0.88	319.2	Lg	08:43:38.700	-1.6				T__					---			14738132	FDSN	IR	--	ISC	iLoc	???	???	_

KRUC	0.88	319.2	Pb	08:43:27.725	0.1	T__	2.4	0.1	___	MLv	1.8	14738133	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	0.88	319.2	Sg	08:43:40.487	0.2	T__			___			14738134	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 1																				
RONA	0.96	223.4	Pn	08:43:29.410	-0.7	T__		3.8	0.10	___		14738135	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.96	223.4	Lg	08:43:43.253	-0.2	T__		8.6	0.28	___		14738136	FDSN	IR	--	ISC	iLoc	???	???	_
A331A	0.98	39.5	Pn	08:43:31.516	1.2	T__	1.9	0.1	___	MLv	1.8	14738137	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.8 1																				
VRAC	1.01	334.1	Pg	08:43:30.400	0.1	T__				___		14738138	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.01	334.1	Lg	08:43:43.100	-1.2	T__				___		14738139	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.01	334.1	Pn	08:43:30.848	0.1	T__	1.6	0.0	___	MLv	1.6	14738140	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
VRAC	1.01	334.1	Sn	08:43:45.040	-0.8	T__				___		14738141	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML : 1.6 0																				
VVHS	1.05	84.2	Lg	08:43:46.661	0.3	T__				___		14738142	FDSN	SK	--	BUD	iLoc	HHN	???	_
CONA	1.05	244.0	Pn	08:43:31.240	-0.3	T__	1.8	0.0	___	MLv	1.6	14738143	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.05	244.0	Sn	08:43:47.766	0.4	T__				___		14738144	FDSN	OE	--	BUD	iLoc	BHN	???	_
CONA	1.05	244.0	Lg	08:43:46.978	0.4	T__		11.2	0.42	___		14738145	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.6 1																				
CSKK	1.23	146.9	Lg	08:43:52.625	0.4	T__				___		14738146	FDSN	HU	--	BUD	iLoc	SHE	???	_
MORC	1.39	7.3	Lg	08:43:55.939	-0.3	T__				___		14738147	FDSN	CZ	--	BUD	iLoc	BHE	???	_
MORC	1.39	7.3	Pn	08:43:36.200	0.1	T__				___		14738148	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.65	226.4	Pg	08:43:42.605	-0.4	T__		0.7	0.17	___		14738149	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.65	226.4	Lg	08:44:04.597	-0.1	T__		3.2	0.38	___		14738150	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.65	226.4	Pn	08:43:39.658	0.1	T__	1.6	0.0	___	MLv	1.9	14738151	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 1																				
KHC	2.55	288.1	Lg	08:44:35.000	2.7	T__				___		14738152	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
2016/09/05	14:14:22.19	1.28	0.66	47.0634	18.0416	7.1	4.8	109	4.7F	12.5	12	7	98	0.19	1.52	m	ke BUD	14738183	iLoc			173

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	7 BUD	14738183

Sta	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	212.9	Pg	14:14:26.683	0.3					T__	3.0	0.6		___	MLv	1.6	14738185	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 1.6 1																									
CSKK	0.34	26.4	Pg	14:14:29.129	-0.0					T__	7.0	1.6		___	MLv	2.4	14738186	FDSN	HU	--	BUD	iLoc	SHN	SHZ	_
CSKK	0.34	26.4	Lg	14:14:33.804	-0.6					T__				___			14738187	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.4 0																									
MPLH	0.36	287.5	Pg	14:14:29.956	0.4					T__	3.6	0.1		___	MLv	1.2	14738188	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.36	287.5	Lg	14:14:34.681	-0.4					T__				___			14738189	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.2 0																									
BUD	0.79	57.5	Pn	14:14:38.019	-0.7					T__	1.9	0.1		___	MLv	1.8	14738190	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.8 1																									
MORH	0.94	153.7	Pg	14:14:41.469	0.5					T__	2.1	0.0		___	MLv	1.4	14738191	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.94	153.7	Lg	14:14:54.132	-0.6					T__				___			14738192	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.4 1																									
KOVH	0.98	177.6	Pn	14:14:41.559	0.1					T__	1.8	0.0		___	MLv	1.5	14738193	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.98	177.6	Sn	14:14:55.850	-0.7					T__				___			14738194	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1																									
PSZ	1.52	55.1	Pn	14:14:49.973	0.7					T__	1.8	0.0		___	MLv	1.9	14738195	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.52	55.1	Sn	14:15:10.982	0.8					T__				___			14738196	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
2016/09/06	09:39:10.23	1.53	0.72	48.6474	19.2623	13.8	6.6	34	10.0A		8	4	180	0.32	1.40	m	ke BUD	14738226	iLoc			272

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.5	2 BUD	14738226

Sta	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	241.7	Pg	09:39:17.409	0.4					T__	14.5	0.1		---	MLv	1.0	14738228	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.32	241.7	Lg	09:39:22.113	0.0					T__				---		14738229	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	0.84	149.7	Pn	09:39:27.512	0.2					T__	3.0	0.0		---	MLv	1.6	14738230	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.84	149.7	Lg	09:39:39.247	-0.8					T__				---		14738231	FDSN	GE	--	BUD	iLoc	BHE	???	_	
JAVC	1.07	282.0	Pn	09:39:30.775	0.2					T__				---		14738232	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	1.07	282.0	Sn	09:39:46.092	-0.2					T__				---		14738233	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
JAVC	1.07	282.0	Lg	09:39:45.300	-1.2					T__				---		14738234	FDSN	IR	--	ISC	iLoc	???	???	_	
OKC	1.40	328.9	Sn	09:39:54.726	0.4					T__				---		14738235	FDSN	CZ	--	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		
2016/09/06	10:10:20.37	1.43	0.20	47.8845	20.0299	11.8	7.8	163	8.0F	8.9	7	4	145	0.10	1.97	m	kx BUD	14738238	iLoc				263	
2016/09/06	10:10:19.82f		0.77	47.8987	20.0893f				0.0S		7		132	0.13	1.96	a	kx BUD_GT	14759315	BUD					254

(locality : Recsk)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.6	3 BUD	14738238
ML	1.6	0.6	3 BUD	14759315

Sta	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	10:10:23.203	-0.1					T__		1.0		---	MLv	14759746	FDSN	GE	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.13	278.6	Lg	10:10:25.773	-0.3					T__				---		14759747	FDSN	GE	--	BUD	BUD	BHN	???	_
KECS	0.64	24.2	Pg	10:10:33.849	1.1					T__				---		14759748	FDSN	SK	--	BUD	BUD	EHN	???	_
KECS	0.64	24.2	Lg	10:10:43.632	1.1					T__				---		14759749	FDSN	SK	--	BUD	BUD	EHE	???	_
VYHS	1.03	305.9	Pn	10:10:40.585	-0.0					T__		0.0		---	MLv	14759750	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.03	305.9	Lg	10:10:54.485	-1.1					T__				---		14759751	FDSN	SK	--	BUD	BUD	HHE	???	_
SIRR	1.96	146.1	Pn	10:10:53.222	-0.5					T__		0.0		---	MLv	14759752	FDSN	RO	--	BUD	BUD	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2016/09/08	07:42:47.42	1.23	0.39	48.3979	19.1078	6.1	5.0	68	8.5F	8.2	14	7	114	0.18	1.18	m	ke BUD	14738260	iLoc					193

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	14738260

Sta	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	0.18	203.8	Pg	07:42:51.653	0.2					T__	52.1	1.8		---	MLv	2.0	14738262	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.18	203.8	Lg	07:42:54.668	0.2					T__				---		14738263	FDSN	Z3	00	BUD	iLoc	HH2	???	_	

(Station ML : 2.0 1

VYHS	0.20	298.1	Pg	07:42:51.774	-0.2	T__	20.9	0.1	---	MLv	0.8	14738264	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.20	298.1	Lg	07:42:55.175	-0.1	T__			---			14738265	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.8 1																					
A335A	0.52	275.7	Pg	07:42:57.591	-0.3	T__	6.0	0.1	---	MLv	1.9	14738266	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A335A	0.52	275.7	Lg	07:43:05.208	-0.3	T__			---			14738267	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.9 1																					
PSZ	0.71	132.0	Lg	07:43:12.382	-0.7	T__			---			14738268	FDSN	GE	--	BUD	iLoc	BHN	???	_	
LANS	0.79	17.4	Pg	07:43:03.300	0.3	T__		0.1	---			14738269	FDSN	IR	--	ISC	iLoc	???	???	_	
LANS	0.79	17.4	Lg	07:43:14.300	-0.1	T__		0.1	---			14738270	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	1.06	296.4	Pg	07:43:08.636	0.3	T__	1.8	0.1	---	MLv	1.8	14738271	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
JAVC	1.06	296.4	Lg	07:43:23.206	-0.2	T__			---			14738272	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
JAVC	1.06	296.4	Pb	07:43:08.200	-0.2	T__			---			14738273	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	1.06	296.4	Sg	07:43:24.000	0.6	T__			---			14738274	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.8 1																					
CSKK	1.18	209.2	Sn	07:43:26.172	0.2	T__			---			14738275	FDSN	HU	--	BUD	iLoc	SHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/09/08	22:28:02.00	0.09	0.15	47.9621	16.4349	1.3	0.8	87	15.2F	0.8	27	141		0.03	1.96	a	ke IPEC	14622912	ISC			360
2016/09/08	22:28:03.20	0.00		48.0200	16.3400				4.0A		15					a	ke PRU	14622915	ISC			360
2016/09/08	22:28:02.31	0.21	0.51	47.9653	16.3927	1.8	1.1	99	14.0F	0.0	40	6		0.27	1.43	a	ke VIE	14622917	ISC			360
2016/09/08	22:28:02.02	0.87	0.73	47.9583	16.4019	3.5	3.1	59	13.4F	5.8	39	23	51	0.01	2.39	m	ke BUD	14738487	iLoc			92

Magnitude	Err	Nsta	Author	OrigID
ML	1.4		IPEC	14622912
mb	0.9		VIE	14622917
ml	1.8		VIE	14622917
ML	1.7	0.2	14 BUD	14738487

Sta	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	0.01	323.3	Pg	22:28:04.640	0.1					T__	7.0	1.4		---	MLv	1.5	14738489	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.01	323.3	Lg	22:28:06.721	0.4					T__				---		14738490	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.5 1																									
RONA	0.27	195.4	Pg	22:28:07.885	-0.2					T__		3.7	0.06	---		14738491	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	0.27	195.4	Lg	22:28:11.574	-0.9					T__		26.3	0.06	---		14738492	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	0.29	159.0	Pg	22:28:07.894	-0.6					T__	2.9	0.1		---	MLv	1.0	14738493	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.29	159.0	Lg	22:28:11.947	-1.2					T__				---		14738494	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.0 0																									
A009A	0.35	216.9	Pg	22:28:09.332	-0.1					T__	2.0	0.1		---	MLv	1.1	14738495	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.1 1																									
CONA	0.36	265.5	Pg	22:28:10.125	0.3					T__	2.1	0.0		---	MLv	1.0	14738496	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.36	265.5	Lg	22:28:15.676	0.2					T__				---		14738497	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.0 0																									
A003A	0.48	114.2	Pg	22:28:11.942	-0.1					T__	1.9	0.1		---	MLv	1.6	14738498	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A003A	0.48	114.2	Lg	22:28:19.278	0.3					T__				---		14738499	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Station ML : 1.6 1																									
ZST	0.53	62.9	Pg	22:28:12.360	-0.5					T__	1.8	0.5		---	MLv	2.5	14738500	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.53	62.9	Lg	22:28:19.434	-0.9					T__				---		14738501	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.5 0																									
A008A	0.65	309.6	Pg	22:28:14.982	0.3					T__	7.7	0.1		---	MLv	1.9	14738502	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.65	309.6	Lg	22:28:23.904	0.3					T__				---		14738503	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Station ML : 1.9 1																									

A012A	0.65	237.5	Pg	22:28:15.244	-0.1	T__	2.4	0.1	---	MLv	1.6	14738504	FDSN	Z3	00	BUD	iLoc	HH3	HHZ	_
(Station ML	: 1.6	1																		
A001A	0.78	9.2	Pn	22:28:18.300	0.6	T__	1.6	0.1	---	MLv	1.7	14738505	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	: 1.7	1																		
EGYH	0.83	130.5	Pg	22:28:19.388	0.8	T__	1.5	0.1	---	MLv	1.8	14738506	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.83	130.5	Lg	22:28:29.808	-0.3	T__			---			14738507	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML	: 1.8	1																		
ARSA	0.92	220.3	Lg	22:28:32.996	0.3	T__		1.2	0.18	---		14738508	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.92	220.3	Pn	22:28:20.081	0.4	T__	1.5	0.0	---	MLv	1.5	14738509	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.92	220.3	Sg	22:28:32.526	-0.2	T__			---			14738510	FDSN	OE	--	BUD	iLoc	BHE	???	_
(Station ML	: 1.5	1																		
MPLH	1.10	135.2	Sn	22:28:37.826	-0.0	T__				---		14738511	FDSN	HU	--	BUD	iLoc	BHN	???	_
KRUC	1.10	359.8	Sn	22:28:36.500	-1.2	T__		6.2	0.10	---		14738512	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.10	359.8	Sn	22:28:36.600	-1.2	T__				---		14738513	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.10	359.8	Pn	22:28:22.644	0.5	T__	3.2	0.0	---	MLv	1.8	14738514	FDSN	CZ	--	BUD	iLoc	BHN	BHZ	_
KRUC	1.10	359.8	Sg	22:28:37.520	-0.2	T__			---			14738515	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML	: 1.8	1																		
VRAC	1.36	5.3	Pn	22:28:26.617	0.9	T__	2.2	0.0	---	MLv	1.9	14738516	FDSN	CZ	--	BUD	iLoc	BHN	BHZ	_
VRAC	1.36	5.3	Sn	22:28:44.176	0.3	T__			---			14738517	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML	: 1.9	1																		
MOA	1.44	266.5	Pg	22:28:30.142	0.3	T__		0.4	0.17	---		14738518	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	1.44	266.5	Lg	22:28:49.176	-0.2	T__		1.2	0.15	---		14738519	FDSN	IR	--	ISC	iLoc	???	???	_
TIH	1.46	135.8	Pn	22:28:28.024	0.8	T__	2.4	0.1	---	MLv	2.4	14738520	FDSN	HU	--	BUD	iLoc	SHN	SHZ	_
(Station ML	: 2.4	0																		
CKRC	1.64	302.5	Lg	22:28:53.624	-0.9	T__				---		14738521	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MORC	1.97	22.1	Sn	22:28:59.400	0.2	T__				---		14738522	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.21	303.1	Lg	22:29:10.800	-1.8	T__				---		14738524	FDSN	IR	--	ISC	iLoc	???	???	_
GOPC	2.23	332.1	Lg	22:29:10.500	-1.9	T__				---		14738525	FDSN	IR	--	ISC	iLoc	???	???	_
PRU	2.37	329.6	Lg	22:29:16.400	-0.4	T__				---		14738526	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.39	358.8	Lg	22:29:17.200	0.7	T__				---		14738527	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
2016/09/09	11:07:22.85	0.29	0.47	46.3036	21.8399	2.4	1.8	147	5.0A		13	157	0.13	2.40	a	ke	BUC	14623217	ISC			360
2016/09/09	11:07:22.30	1.23	0.98	46.3110	21.8603	6.0	4.4	158	1.2F	10.7	22	7	158	0.14	2.39	m	ke	BUD	14738882	iLoc		218

Magnitude	Err	Nsta	Author	OrigID
ml	1.3		BUC	14623217
ML	1.6	0.2	4 BUD	14738882

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.14	251.6	Pg	11:07:25.626	0.0	T__	48.2				48.2	0.6		---	MLv	1.5	14738884	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.14	251.6	Sg	11:07:27.978	-0.2	T__								---			14738885	FDSN	RO	--	BUD	iLoc	BHN	???	_
SIRR	0.15	252.7	Lg	11:07:27.804	-0.4	T__						0.3		---			14738886	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	: 1.5	1																							
BZS	0.71	192.6	Pg	11:07:35.924	-0.3	T__	3.4				3.4	0.0		---	MLv	1.5	14738887	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.71	192.6	Lg	11:07:45.835	-0.6	T__								---			14738888	FDSN	RO	--	BUD	iLoc	BHE	???	_
BZS	0.71	193.8	Sg	11:07:46.196	-0.5	T__								---			14738889	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	: 1.5	1																							
DRGR	0.76	50.4	Pg	11:07:37.697	0.2	T__	2.3				2.3	0.1		---	MLv	1.7	14738890	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.76	50.4	Lg	11:07:48.331	-1.5	T__								---			14738891	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML	: 1.7	1																							

GZR	1.12	144.8	Pn	11:07:43.337	-0.7	T__	5.3	0.1	___	MLv	1.9	14738892	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.12	144.8	Pg	11:07:43.618	-0.1	T__		0.1	---			14738894	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.12	144.8	Pg	11:07:43.618	-0.1	T__			---			14738893	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.12	144.8	Lg	11:08:00.641	0.9	T__		0.1	---			14738895	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.12	144.8	Sg	11:08:00.766	1.1	T__			---			14738896	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 1																				
HERR	1.48	164.5	Pn	11:07:49.658	0.6	T__			---			14738897	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.48	164.5	Sn	11:08:10.284	0.2	T__			---			14738899	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.59	122.2	Sn	11:08:13.741	0.4	T__			---			14738900	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.59	122.3	Lg	11:08:13.400	-2.9	T__			---			14738902	FDSN	RO	--	BUD	iLoc	BHN	???	_
VOIR	2.39	110.3	Pn	11:08:03.538	1.0	T__			---			14738903	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	2.39	110.3	Sn	11:08:34.478	0.4	T__			---			14738905	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
2016/09/10	13:25:55.90	0.72		46.0570	16.5680	0.1	0.0		5.9F	3.2	16			0.80	1.83	a	ke RHSSO	14623253	ISC			360
2016/09/10	13:25:58.15	0.69	0.63	46.1455	16.3659	4.1	2.7	105	5.5F	2.8	23		5	1.06	1.31	a	ke VIE	14623256	ISC			360
2016/09/10	13:25:57.38	0.83	1.34	46.0600	16.4169	3.3	2.8	63	10.4F	4.5	70	30	62	0.08	2.47	m	ke BUD	14738926	iLoc			99

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		RHSSO	14623253
mb	1.5		VIE	14623256
ml	1.8		VIE	14623256
ML	1.9	0.2	8 BUD	14738926

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KALN	0.08	20.8	Pg	13:26:00.220	0.0				T__					---		14738928	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.08	20.8	Lg	13:26:01.590	-0.8				T__					---		14738929	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	0.26	291.6	Pg	13:26:02.090	-1.0				T__					---		14738930	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	0.26	291.6	Lg	13:26:05.380	-2.0				T__					---		14738931	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	0.35	244.1	Pg	13:26:04.440	-0.1				T__	9.1		0.3		___	MLv	1.7	14738932	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.35	244.1	Lg	13:26:09.308	-0.8				T__					---		14738933	FDSN	CR	--	BUD	iLoc	BHE	???	_	
PTJ	0.35	244.1	Sg	13:26:08.620	-2.1				T__					---		14738934	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.7 0																									
ZAG	0.38	232.3	Pg	13:26:05.430	0.3				T__					---		14738935	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.38	232.3	Lg	13:26:10.920	-0.2				T__					---		14738936	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.38	232.3	Pb	13:26:05.589	0.4				T__	3.8		0.5		___	MLv	2.1	14738937	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.38	232.3	Sg	13:26:11.561	0.4				T__					---		14738938	FDSN	CR	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.1 1																									
KOGS	0.41	343.5	Pg	13:26:07.646	1.9				T__	12.7		1.9		___	MLv	2.7	14738939	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.41	343.5	Lg	13:26:11.171	-0.7				T__					---		14738940	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.7 0																									
MOSL	0.51	152.0	Pg	13:26:08.710	0.9				T__					---		14738941	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.51	152.0	Lg	13:26:16.000	0.4				T__					---		14738942	FDSN	IR	--	ISC	iLoc	???	???	_	
A255A	0.61	205.1	Pg	13:26:12.210	2.8				T__					---		14738943	FDSN	IR	--	ISC	iLoc	???	???	_	
A255A	0.61	205.1	Lg	13:26:18.380	0.0				T__					---		14738944	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.71	251.1	Pg	13:26:11.301	-0.0				T__	5.1		0.5		___	MLv	2.6	14738945	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.71	251.1	Lg	13:26:20.798	-1.0				T__					---		14738946	FDSN	SL	--	BUD	iLoc	BHE	???	_	
CRES	0.71	251.1	Pb	13:26:10.700	-0.6				T__					---		14738947	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.71	251.1	Sg	13:26:22.300	0.5				T__					---		14738948	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.6 1																									
OZLJ	0.80	236.5	Pg	13:26:13.520	0.6				T__					---		14738949	FDSN	IR	--	ISC	iLoc	???	???	_	

OZLJ	0.80	236.5	Lg	13:26:24.060	-0.2	T__					14738950	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	0.99	236.1	Pg	13:26:15.800	-0.7	T__					14738951	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	0.99	236.1	Lg	13:26:29.600	-0.7	T__					14738952	FDSN	IR	--	ISC	iLoc	???	???	_	
A051A	1.10	161.6	Pn	13:26:15.400	-3.1	T__					14738953	FDSN	IR	--	ISC	iLoc	???	???	_	
A051A	1.10	161.6	Lg	13:26:29.600	-4.9	T__					14738954	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.14	303.3	Pg	13:26:19.074	-0.3	T__	8.5	4.1	0.36	---	14738955	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.14	303.3	Lg	13:26:33.510	-1.5	T__		2.2	0.22	---	14738956	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	1.17	88.0	Pn	13:26:20.649	1.5	T__	2.8	0.0		MLv	1.8	14738957	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.17	88.0	Sn	13:26:36.638	0.7	T__				---	14738958	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																				
A252A	1.18	121.4	Pg	13:26:21.750	0.9	T__					14738959	FDSN	IR	--	ISC	iLoc	???	???	_	
A252A	1.18	121.4	Sn	13:26:37.360	1.0	T__					14738960	FDSN	IR	--	ISC	iLoc	???	???	_	
PLIT	1.31	205.6	Pn	13:26:23.110	1.7	T__					14738961	FDSN	IR	--	ISC	iLoc	???	???	_	
PLIT	1.31	205.6	Sn	13:26:40.440	0.7	T__					14738962	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	1.34	333.0	Pg	13:26:23.764	0.5	T__	1.9	0.0		MLv	1.9	14738963	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.34	333.0	Sn	13:26:39.474	-0.3	T__					14738964	FDSN	OE	--	BUD	iLoc	BHN	???	_	
ARSA	1.34	333.0	Pn	13:26:22.434	1.1	T__		0.8	0.15	---	14738965	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	1.34	333.0	Lg	13:26:39.371	-2.1	T__		1.6	0.18	---	14738966	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.9 1																				
OBKA	1.37	289.8	Pn	13:26:22.400	0.5	T__					14738967	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.37	289.8	Pg	13:26:23.594	-0.0	T__		1.4	0.25	---	14738968	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.37	289.8	Sn	13:26:40.213	-0.8	T__		3.9	0.32	---	14738969	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.37	289.8	Lg	13:26:42.100	-0.1	T__					14738970	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.37	289.8	Pb	13:26:23.914	0.3	T__	2.0	0.0		MLv	1.9	14738971	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.37	289.8	Sg	13:26:40.955	-1.3	T__					14738972	FDSN	OE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1																				
BLY	1.42	157.3	Pn	13:26:20.800	-1.9	T__					14738973	FDSN	IR	--	ISC	iLoc	???	???	_	
BLY	1.42	157.3	Sn	13:26:39.500	-2.5	T__					14738974	FDSN	IR	--	ISC	iLoc	???	???	_	
CEY	1.43	257.7	Pn	13:26:23.000	0.3	T__					14738975	FDSN	IR	--	ISC	iLoc	???	???	_	
CEY	1.43	257.7	Sn	13:26:44.100	1.4	T__					14738976	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	1.56	83.5	Pn	13:26:25.583	1.2	T__	1.5	0.0		MLv	1.7	14738977	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 1																				
A050A	1.58	177.0	Pn	13:26:24.300	-1.1	T__					14738978	FDSN	IR	--	ISC	iLoc	???	???	_	
A050A	1.58	177.0	Sn	13:26:45.300	-1.4	T__					14738979	FDSN	IR	--	ISC	iLoc	???	???	_	
UDBI	1.60	197.0	Pn	13:26:26.520	0.7	T__					14738980	FDSN	IR	--	ISC	iLoc	???	???	_	
UDBI	1.60	197.0	Sn	13:26:48.380	1.1	T__					14738981	FDSN	IR	--	ISC	iLoc	???	???	_	
SKDS	1.76	253.9	Pn	13:26:27.800	0.4	T__					14738982	FDSN	IR	--	ISC	iLoc	???	???	_	
SKDS	1.76	253.9	Sn	13:26:52.100	1.3	T__					14738983	FDSN	IR	--	ISC	iLoc	???	???	_	
NVLJ	1.85	216.6	Pn	13:26:30.280	1.2	T__					14738984	FDSN	IR	--	ISC	iLoc	???	???	_	
NVLJ	1.85	216.6	Sn	13:26:53.500	0.9	T__					14738985	FDSN	IR	--	ISC	iLoc	???	???	_	
SMRN	1.89	238.0	Pn	13:26:30.990	1.6	T__					14738986	FDSN	IR	--	ISC	iLoc	???	???	_	
SMRN	1.89	238.0	Sn	13:26:54.330	0.5	T__					14738987	FDSN	IR	--	ISC	iLoc	???	???	_	
A253A	1.98	248.1	Pn	13:26:32.970	2.3	T__					14738988	FDSN	IR	--	ISC	iLoc	???	???	_	
A253A	1.98	248.1	Sn	13:26:55.610	-0.7	T__					14738989	FDSN	IR	--	ISC	iLoc	???	???	_	
VIRC	2.01	209.1	Pn	13:26:32.420	1.0	T__					14738990	FDSN	IR	--	ISC	iLoc	???	???	_	
VIRC	2.01	209.1	Sn	13:26:58.220	1.3	T__					14738991	FDSN	IR	--	ISC	iLoc	???	???	_	
BRJN	2.20	239.3	Pn	13:26:34.780	0.8	T__					14738992	FDSN	IR	--	ISC	iLoc	???	???	_	
BRJN	2.20	239.3	Sn	13:27:02.810	0.7	T__					14738993	FDSN	IR	--	ISC	iLoc	???	???	_	
DUGI	2.28	205.5	Pn	13:26:36.470	1.0	T__					14738994	FDSN	IR	--	ISC	iLoc	???	???	_	
DUGI	2.28	205.5	Sn	13:27:05.010	0.9	T__					14738995	FDSN	IR	--	ISC	iLoc	???	???	_	
ZIRJ	2.47	193.1	Pn	13:26:38.620	0.4	T__					14738996	FDSN	IR	--	ISC	iLoc	???	???	_	
ZIRJ	2.47	193.1	Sn	13:27:09.880	1.2	T__					14738997	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  
 2016/09/12 08:40:06.84 1.56 0.67 48.0814 19.6709 13.8 5.2 44 10.0A 6 4 190 0.22 1.54 m kx BUD 14739037 iLoc 269  
 2016/09/12 08:40:06.51f 3.69 47.8920 19.4049f 0.0S 6 127 0.33 1.51 a kx BUD\_GT 14759317 BUD 244  
 (locality : Bercel)  
 (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	0.33	85.2	Pg	08:40:11.653	-2.3					T__		0.1		---	MLv	14759755	FDSN	GE	--	BUD	BUD	BHN	BHZ	_
PSZ	0.33	85.2	Lg	08:40:17.217	-2.5					T__				---		14759756	FDSN	GE	--	BUD	BUD	BHZ	???	_
BUD	0.48	212.3	Lg	08:40:33.025	8.3					T__				---		14759759	FDSN	HU	--	BUD	BUD	BHZ	???	_
VYHS	0.71	327.9	Pg	08:40:21.112	0.2					T__		0.0		---	MLv	14759757	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.71	327.9	Lg	08:40:30.499	-1.0					T__				---		14759758	FDSN	SK	--	BUD	BUD	HHN	???	_
JAVC	1.51	310.6	Lg	08:40:58.348	-0.1					T__				---		14759760	FDSN	CZ	--	BUD	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  
 2016/09/13 08:28:08.28 1.23 0.43 48.5243 20.8246 20.3 4.6 150 0.0A 7 4 159 0.23 1.04 m ke BUD 14739047 iLoc 193

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.3 3 BUD 14739047

Sta	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	259.8	Pg	08:28:12.729	-0.3					T__	13.1	1.0		---	MLv	1.9 14739049	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.23	259.8	Lg	08:28:16.885	0.1					T__				---		14739050	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.9 1																									
CRVS	0.57	47.9	Pg	08:28:19.491	0.3					T__	1.6	0.0		---	MLv	0.9 14739051	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
CRVS	0.57	47.9	Lg	08:28:28.398	-0.2					T__				---		14739052	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.9 1																									
PSZ	0.87	226.1	Pn	08:28:27.260	0.2					T__	1.8	0.1		---	MLv	1.7 14739053	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.87	226.1	Lg	08:28:40.113	0.0					T__				---		14739054	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
KOLS	1.04	66.3	Lg	08:28:44.289	-0.7					T__				---		14739055	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  
 2016/09/13 11:00:25.16 1.08 1.60 48.1372 17.7799 11.5 2.2 121 0.0F 0.0 9 3 1.09 1.30 a ke VIE 14623447 ISC 360  
 2016/09/13 11:00:27.67 0.98 0.71 48.3800 17.3138 6.2 3.2 132 0.0A 24 10 133 0.03 1.41 m ke BUD 14739163 iLoc 170

Magnitude Err Nsta Author OrigID  
 mb 1.4 VIE 14623447  
 ml 1.9 VIE 14623447  
 ML 1.9 0.1 9 BUD 14739163

Sta	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	254.0	Pg	11:00:29.409	0.6					T__	64.3	1196.8		---	MLv	4.4 14739165	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 4.4 0																									



ZST	0.23	217.6	Pg	11:00:32.355	-0.5	T__	7.9	3.5	___	MLv	2.5	14739166	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML	: 2.5	1																		
A334A	0.33	46.8	Pg	11:00:35.124	0.6	T__	4.4	0.4	___	MLv	1.8	14739167	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	: 1.8	1																		
JAVC	0.53	26.2	Pg	11:00:38.905	0.2	T__	4.2	0.1	___	MLv	1.9	14739168	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.53	26.2	Lg	11:00:46.744	-0.1	T__			---			14739169	FDSN	CZ	--	BUD	iLoc	BHE	???	_
JAVC	0.53	26.2	Pb	11:00:38.600	-0.1	T__			---			14739170	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	0.53	26.2	Sg	11:00:46.100	-0.7	T__			---			14739171	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	: 1.9	1																		
A335A	0.68	84.0	Pg	11:00:41.092	-0.4	T__	9.1	0.2	___	MLv	2.2	14739172	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	: 2.2	1																		
KRUC	0.91	318.6	Pg	11:00:44.700	-0.3	T__			---			14739173	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	0.91	318.6	Lg	11:00:56.100	-1.9	T__			---			14739174	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	0.91	318.6	Pb	11:00:44.594	-0.4	T__	1.8	0.0	---	MLv	1.7	14739175	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	0.91	318.6	Sg	11:00:57.393	-0.6	T__			---			14739176	FDSN	CZ	--	BUD	iLoc	BHN	???	_
(Station ML	: 1.7	0																		
RONA	0.96	225.5	Pg	11:00:46.590	-0.3	T__		3.2	0.14	---		14739177	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	0.96	225.5	Lg	11:01:01.268	0.2	T__		5.2	0.24	---		14739178	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.04	333.2	Pg	11:00:47.400	0.1	T__			---			14739179	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.04	333.1	Pb	11:00:47.919	0.6	T__	1.7	0.1	---	MLv	1.8	14739180	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
VRAC	1.04	333.1	Lg	11:01:03.278	1.5	T__			---			14739181	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML	: 1.8	1																		
CONA	1.07	245.6	Pn	11:00:49.042	-0.2	T__	2.5	0.1	---	MLv	1.9	14739182	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.07	245.6	Lg	11:01:04.360	-0.4	T__			---			14739183	FDSN	OE	--	BUD	iLoc	BHN	???	_
CONA	1.07	245.6	Pg	11:00:49.591	0.6	T__		1.1	0.12	---		14739184	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.07	245.6	Sg	11:01:05.266	0.5	T__		2.5	0.30	---		14739185	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	: 1.9	1																		
MORC	1.41	6.1	Pn	11:00:54.324	0.5	T__	1.5	0.0	---	MLv	1.9	14739186	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	1.41	6.1	Sn	11:01:14.617	0.6	T__			---			14739187	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MORC	1.41	6.1	Pg	11:00:53.900	-0.6	T__			---			14739188	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
2016/09/14	06:03:12.19	1.40	1.97	48.3354	19.1020	12.3	5.1	39	0.0A	7	4	184	0.24	0.93	m	ke	BUD	14739230	iLoc		248	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.8	3 BUD	14739230

Sta	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	312.0	Pg	06:03:16.520	-0.6				T__	6.8	0.0			---	MLv	0.3	14739232	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.24	312.0	Lg	06:03:19.797	-1.1				T__					---		14739233	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML	: 0.3	1																							
PSZ	0.68	127.9	Pg	06:03:26.671	0.1				T__	2.0	0.0			---	MLv	1.4	14739234	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.68	127.9	Lg	06:03:36.504	-0.8				T__					---		14739235	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML	: 1.4	1																							
LANS	0.85	16.4	Lg	06:03:42.129	0.7				T__					---		14739236	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KECS	0.93	80.4	Pn	06:03:33.170	1.6				T__	2.0	0.1			---	MLv	2.0	14739237	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.93	80.4	Lg	06:03:41.499	-3.2				T__					---		14739238	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
2016/09/14	14:58:37.79	0.24	0.39	46.0281	21.7617	3.6	1.6	99	13.8F	2.8	11	152	0.25	1.52	a	ke	BUC	14624176	ISC			360
2016/09/14	14:58:37.40	0.94	0.77	46.0319	21.8207	8.2	3.6	89	7.1F	11.5	24	7 137	0.26	1.48	m	ke	BUD	14739252	iLoc			201

Magnitude	Err	Nsta	Author	OrigID
m1	1.4		BUC	14624176
ML	1.3	0.3	4 BUD	14739252

Sta	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	0.26	334.9	Pg	14:58:43.322	0.3					T__	9.7	0.1		---	MLv	1.0	14739254	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.26	334.9	Lg	14:58:47.973	0.6					T__				---		14739255	FDSN	RO	--	BUD	iLoc	BHE	???	_	
SIRR	0.26	334.7	Pb	14:58:43.163	0.1					T__				---		14739256	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.26	334.7	Sg	14:58:47.163	-0.3					T__				---		14739258	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.0 1																									
BZS	0.43	197.1	Pg	14:58:45.824	-0.2					T__	3.3	0.0		---	MLv	1.1	14739259	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.43	197.1	Lg	14:58:52.234	-0.2					T__				---		14739260	FDSN	RO	--	BUD	iLoc	BHN	???	_	
BZS	0.44	199.0	Pb	14:58:45.654	-0.5					T__				---		14739261	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.1 1																									
GZR	0.93	133.3	Pn	14:58:56.634	1.0					T__	2.7	0.0		---	MLv	1.5	14739263	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.93	133.3	Lg	14:59:07.777	-0.9					T__				---		14739264	FDSN	RO	--	BUD	iLoc	BHN	???	_	
GZR	0.93	133.3	Sg	14:59:09.356	0.6					T__				---		14739265	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.5 1																									
DRGR	0.98	38.7	Sn	14:59:10.852	-1.1					T__				---		14739266	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.98	38.7	Lg	14:59:10.537	-1.7					T__				---		14739268	FDSN	RO	--	BUD	iLoc	BHE	???	_	
HERR	1.22	159.8	Pg	14:59:01.540	0.6					T__				---		14739269	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.22	159.8	Sn	14:59:17.961	0.5					T__				---		14739271	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.25	183.5	Sn	14:59:17.752	-0.7					T__				---		14739272	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.48	112.5	Sn	14:59:25.099	0.5					T__				---		14739274	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.49	112.5	Pg	14:59:06.144	0.2					T__	3.1	0.0		---	MLv	1.9	14739276	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
LOT	1.49	112.5	Lg	14:59:26.360	-0.8					T__				---		14739277	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
2016/09/16	10:03:05.56	1.24	0.64	48.1495	16.9399	9.0	4.6	141	4.0F	11.2	13	8 160	0.12	1.68	m	ke	BUD	14739295	iLoc			186

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.8	4 BUD	14739295

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZST	0.12	66.7	Pg	10:03:08.328	0.0					T__	16.7	7.4		---	MLv	2.5	14739297	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.12	66.7	Lg	10:03:10.604	0.2					T__				---		14739298	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.5 1																									
MODS	0.32	45.1	Pg	10:03:11.964	-0.2					T__	5.0	82.3		---	MLv	4.1	14739299	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.32	45.1	Lg	10:03:16.412	-0.7					T__				---		14739300	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 4.1 1																									
CONA	0.76	253.4	Pg	10:03:20.955	0.3					T__	1.8	0.0		---	MLv	1.4	14739301	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.76	253.4	Lg	10:03:30.788	-1.2					T__				---		14739302	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.4 1																									
JAVC	0.86	34.1	Pg	10:03:22.941	0.3					T__				---		14739303	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
KRUC	0.98	338.6	Pg	10:03:24.885	0.8					T__				---		14739304	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
KRUC	0.98	338.6	Lg	10:03:37.359	-0.8					T__				---		14739305	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
VRAC	1.18	348.9	Sn	10:03:44.663	-0.2					T__				---		14739306	FDSN	CZ	--	BUD	iLoc	BHE	???	_	

ARSA	1.31	227.3	Pn	10:03:29.996	0.3	T__	1.9	0.0	---	MLv	1.8	14739307	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.31	227.3	Lg	10:03:48.720	-0.3	T__			---			14739308	FDSN	OE	--	BUD	iLoc	BHE	???	_
			(Station ML : 1.8																	
MORC	1.68	13.5	Sn	10:03:57.382	0.1	T__			---			14739309	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
2016/09/19	08:26:48.29	1.21	0.85	48.5592	20.7625	11.0	4.0	156	5.7F	10.8	11	6	145	0.20	1.28	m	ke	BUD	14739456	iLoc		165

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	5 BUD	14739456

Sta	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	247.7	Pg	08:26:52.184	-0.3					T__	41.2	1.9		---	MLv	2.1	14739458	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.20	247.7	Lg	08:26:56.014	0.3					T__				---		14739459	FDSN	SK	--	BUD	iLoc	EHN	???	_		
			(Station ML : 2.1																							
CRVS	0.58	53.2	Pg	08:26:59.214	0.0					T__	1.8	0.0		---	MLv	0.9	14739460	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
CRVS	0.58	53.2	Lg	08:27:07.356	-1.2					T__				---		14739461	FDSN	SK	--	BUD	iLoc	HHE	???	_		
			(Station ML : 0.9																							
PSZ	0.86	222.5	Pg	08:27:06.374	-0.0					T__	2.5	0.1		---	MLv	1.8	14739462	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.86	222.5	Lg	08:27:18.215	-1.2					T__				---		14739463	FDSN	GE	--	BUD	iLoc	BHE	???	_		
			(Station ML : 1.8																							
KOLS	1.07	68.9	Lg	08:27:25.272	-0.2					T__				---		14739464	FDSN	SK	--	BUD	iLoc	HHE	???	_		
TRPA	1.26	109.2	Pg	08:27:13.134	0.8					T__	2.7	0.1		---	MLv	1.9	14739465	FDSN	HU	--	BUD	iLoc	BHE	BHZ	_	
TRPA	1.26	109.2	Sn	08:27:29.898	-0.8					T__				---		14739466	FDSN	HU	--	BUD	iLoc	BHN	???	_		
			(Station ML : 1.9																							
VYHS	1.28	267.8	Pn	08:27:12.685	0.7					T__	1.9	0.0		---	MLv	1.0	14739467	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	1.28	267.8	Sn	08:27:30.862	0.2					T__				---		14739468	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	
2016/09/19	08:48:13.60	0.17	0.24	46.4457	22.4887	1.6	0.9	118	3.0A		14		167	0.38	2.05	a	ke	BUC	14624380	ISC			360
2016/09/19	08:48:13.04	1.03	0.79	46.4609	22.4576	5.7	3.4	118	0.8F	7.6	29	9	137	0.37	2.08	m	ke	BUD	14739490	iLoc			181

Magnitude	Err	Nsta	Author	OrigID
ml	1.6		BUC	14624380
ML	1.8	0.2	6 BUD	14739490

Sta	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	0.37	27.7	Pg	08:48:20.793	0.0					T__				---		14739492	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR	0.37	27.7	Lg	08:48:26.380	-0.7					T__				---		14739494	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR	0.37	27.7	Pb	08:48:21.523	0.8					T__	2.6	0.1		---	MLv	1.2	14739495	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
DRGR	0.37	27.7	Sg	08:48:26.080	-1.0					T__				---		14739496	FDSN	RO	--	BUD	iLoc	BHE	???	_		
			(Station ML : 1.2																							
SIRR	0.58	250.7	Pg	08:48:24.976	-0.1					T__	3.7	0.1		---	MLv	1.6	14739497	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
SIRR	0.58	250.7	Lg	08:48:33.038	-1.1					T__				---		14739498	FDSN	RO	--	BUD	iLoc	BHE	???	_		
			(Station ML : 1.6																							
CJR	0.83	71.8	Pg	08:48:30.521	1.2					T__	2.3	0.1		---	MLv	2.1	14739499	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
CJR	0.83	71.8	Lg	08:48:40.411	-1.8					T__				---		14739500	FDSN	RO	--	BUD	iLoc	BHN	???	_		
			(Station ML : 2.1																							

BZS	1.02	214.4	Pg	08:48:32.822	-0.1	T__	5.0	0.1	---	MLv	1.8	14739501	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	1.02	214.4	Lg	08:48:46.455	-1.0	T__			---			14739502	FDSN	RO	--	BUD	iLoc	BHN	???	_
BZS	1.03	215.1	Sg	08:48:47.273	-0.6	T__			---			14739503	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.8 1																				
GZR	1.09	168.1	Pg	08:48:33.825	-0.1	T__	4.5	0.1	---	MLv	2.0	14739504	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.09	168.1	Pb	08:48:34.260	0.3	T__			---			14739505	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.09	168.1	Lg	08:48:49.101	-0.4	T__			---			14739507	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 1																				
LOT	1.37	137.4	Pn	08:48:39.024	0.4	T__			---			14739508	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.37	137.4	Sn	08:48:57.729	-0.9	T__			---			14739510	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.37	137.5	Pg	08:48:39.541	0.3	T__	2.0	0.0	---	MLv	1.8	14739511	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
LOT	1.37	137.5	Lg	08:48:57.908	-1.1	T__			---			14739512	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 1.8 1																				
HERR	1.58	181.1	Pn	08:48:42.271	0.9	T__			---			14739513	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.58	181.1	Sn	08:49:04.319	0.8	T__			---			14739515	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.76	197.6	Sn	08:49:09.002	0.6	T__			---			14739516	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	2.08	118.6	Pn	08:48:49.240	0.3	T__			---			14739518	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	2.08	118.6	Sn	08:49:16.637	-0.4	T__			---			14739520	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
2016/09/19	12:01:51.13	0.66	1.48	48.3753	18.1337	5.6	3.6	29	0.0F	0.0	13	3		1.58	1.58	a	ke VIE	14624417	ISC			360
2016/09/19	12:01:51.03	1.01	0.57	48.3778	18.2363	6.7	4.5	10	8.3F	8.6	17	9	67	0.10	1.65	m	ke BUD	14739546	iLoc			122

Magnitude	Err	Nsta	Author	OrigID
mb	1.4		VIE	14624417
ml	1.6		VIE	14624417
ML	1.7	0.1	6 BUD	14739546

Sta	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	0.10	43.8	Pg	12:01:53.607	-0.0				T__	37.4		1.0		---	MLv	1.6	14739548	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.10	43.8	Lg	12:01:55.690	0.1				T__					---		14739549	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Station ML : 1.6 1																									
VYHS	0.42	73.5	Pg	12:01:59.444	-0.1				T__	3.9		0.0		---	MLv	0.7	14739550	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.42	73.5	Lg	12:02:05.852	-0.0				T__					---		14739551	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.7 0																									
A332A	0.45	19.5	Pg	12:02:00.266	0.1				T__	4.7		0.2		---	MLv	1.7	14739552	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A332A	0.45	19.5	Lg	12:02:07.367	0.5				T__					---		14739553	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.7 1																									
JAVC	0.61	322.3	Pg	12:02:03.374	0.0				T__	1.5		0.1		---	MLv	1.6	14739554	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.61	322.3	Pb	12:02:03.200	-0.2				T__					---		14739555	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	0.61	322.3	Lg	12:02:12.200	-0.2				T__					---		14739556	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.6 1																									
ZST	0.78	256.9	Pg	12:02:06.974	0.3				T__	1.4		0.7		---	MLv	2.8	14739557	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.78	256.9	Lg	12:02:18.006	0.4				T__					---		14739558	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 2.8 0																									
CSKK	1.02	179.1	Lg	12:02:24.191	-1.3				T__					---		14739559	FDSN	HU	--	BUD	iLoc	SHE	???	_	
PSZ	1.20	111.9	Pg	12:02:16.391	0.9				T__	1.8		0.0		---	MLv	1.8	14739560	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.20	111.9	Sn	12:02:30.213	-0.4				T__					---		14739561	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
MPLH	1.30	201.5	Sn	12:02:33.393	1.0				T__					---		14739562	FDSN	HU	--	BUD	iLoc	BHE	???	_	
CONA	1.65	255.1	Pn	12:02:19.306	-0.2				T__			1.8	0.24	---		14739563	FDSN	IR	--	ISC	iLoc	???	???	_	

CONA 1.65 255.1 Sn 12:02:41.092 -0.2 T\_\_ 7.9 0.62 \_\_\_ 14739564 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  
 2016/09/20 08:41:54.59 1.42 0.63 48.5227 20.7918 14.6 6.0 140 0.0A 9 6 175 0.21 1.80 m ke BUD 14739592 iLoc 244

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.5 6 BUD 14739592

Sta	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	259.1	Pg	08:41:58.640	-0.3					T__	24.7	2.0		___	MLv	2.2	14739594	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.21	259.1	Lg	08:42:02.479	0.2					T__				---		14739595	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Station ML : 2.2 1																										
CRVS	0.58	49.2	Pg	08:42:05.434	-0.4					T__	1.8	0.0		___	MLv	0.9	14739596	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 0.9 0																										
PSZ	0.85	225.1	Pg	08:42:12.055	-0.5					T__	2.2	0.0		___	MLv	1.6	14739597	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.85	225.1	Lg	08:42:25.515	-0.3					T__				---		14739598	FDSN	GE	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.6 1																										
NIE	0.95	340.8	Pn	08:42:14.968	0.4					T__	1.6	0.0		___	MLv	1.3	14739599	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 1.3 1																										
VVHS	1.30	269.5	Pn	08:42:19.217	-0.0					T__	1.6	0.0		___	MLv	0.9	14739600	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VVHS	1.30	269.5	Sn	08:42:38.376	-0.3					T__				---		14739601	FDSN	SK	--	BUD	iLoc	HHE	???	_		
(Station ML : 0.9 1																										
SRO	1.80	247.8	Pn	08:42:27.441	1.2					T__	2.1	0.9		___	MLv	3.4	14739602	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2016/09/21 06:25:22.18 1.23 0.70 47.3122 17.6310 5.1 4.8 134 0.0S 14 8 105 0.16 1.30 m kx BUD 14740106 iLoc 198

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 6 BUD 14740106

Sta	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	203.7	Pg	06:25:25.900	0.0					T__	18.9	0.4		___	MLv	1.3	14740108	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.16	203.7	Lg	06:25:28.752	-0.1					T__				---		14740109	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.3 0																										
EGYH	0.23	297.2	Pg	06:25:27.525	0.1					T__	4.2	0.4		___	MLv	1.5	14740110	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
EGYH	0.23	297.2	Lg	06:25:32.176	0.8					T__				---		14740111	FDSN	HU	--	BUD	iLoc	SHE	???	_		
(Station ML : 1.5 1																										
A268A	0.23	59.0	Lg	06:25:32.256	0.8					T__				---		14740112	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
CSKK	0.43	83.0	Pg	06:25:31.406	0.2					T__	4.2	1.1		___	MLv	2.5	14740113	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
CSKK	0.43	83.0	Lg	06:25:38.054	-0.1					T__				---		14740114	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.5 0																										
TIH	0.45	156.9	Pg	06:25:32.075	0.5					T__	2.9	0.3		___	MLv	2.0	14740115	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
TIH	0.45	156.9	Lg	06:25:39.890	1.2					T__				---		14740116	FDSN	HU	--	BUD	iLoc	SHE	???	_		
(Station ML : 2.0 1																										
SRO	0.68	42.4	Lg	06:25:46.234	-0.2					T__				---		14740117	FDSN	SK	--	BUD	iLoc	EHE	???	_		
KOVH	1.27	165.1	Pg	06:25:47.809	0.2					T__	1.5	0.0		___	MLv	1.6	14740118	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	1.27	165.1	Sn	06:26:04.064	-1.2					T__				---		14740119	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.6 1																										

MORH	1.30	147.2	Pg	06:25:48.248	0.2	T__	1.3	0.0	___	MLv	1.5	14740120	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.30	147.2	Sn	06:26:04.938	-0.9	T__			---			14740121	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
2016/09/21	09:53:47.34	1.17	0.78	47.3074	18.1406	5.1	4.4	125	3.7F	9.6	19	13	106	0.10	1.66	m	ke	BUD	14740147	iLoc		135

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.5	8 BUD	14740147

Sta	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	55.6	Pg	09:53:49.222	-0.5					T__	225.1	40.5		___	MLv	3.2	14740149	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.10	55.6	Lg	09:53:50.895	-0.7					T__				---		14740150	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 3.2 0																									
A268A	0.19	310.2	Pg	09:53:51.136	-0.4					T__	8.7	0.5		___	MLv	1.5	14740151	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.19	310.2	Lg	09:53:54.650	0.0					T__				---		14740152	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.5 1																									
A269A	0.37	26.2	Lg	09:54:01.449	0.9					T__				---		14740153	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.43	251.7	Pg	09:53:56.238	0.1					T__	5.9	0.2		___	MLv	1.7	14740154	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.43	251.7	Lg	09:54:03.589	1.0					T__				---		14740155	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
TIH	0.44	203.1	Pg	09:53:56.624	0.3					T__	5.7	0.7		___	MLv	2.4	14740156	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.4 1																									
SRO	0.52	12.9	Lg	09:54:07.031	1.5					T__				---		14740157	FDSN	SK	--	BUD	iLoc	EHE	???	_	
EGYH	0.56	281.5	Pg	09:53:58.633	-0.0					T__	2.2	0.2		___	MLv	2.2	14740158	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.56	281.5	Lg	09:54:07.171	0.2					T__				---		14740159	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 2.2 1																									
ZST	1.13	322.2	Pn	09:54:08.120	-0.8					T__	1.4	0.6		___	MLv	2.9	14740160	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.9 1																									
MORH	1.15	162.2	Pn	09:54:08.849	-0.1					T__	3.7	0.1		___	MLv	1.9	14740161	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.15	162.2	Sn	09:54:25.292	-0.5					T__				---		14740162	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 1																									
KOVH	1.22	181.3	Sn	09:54:27.793	-0.1					T__				---		14740163	FDSN	HU	--	BUD	iLoc	BHN	???	_	
VYHS	1.28	21.3	Pn	09:54:11.699	0.8					T__	4.2	0.0		___	MLv	1.3	14740164	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
VYHS	1.28	21.3	Sn	09:54:28.282	-0.7					T__				---		14740165	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.3 0																									
JAVC	1.58	348.7	Sn	09:54:37.553	0.8					T__				---		14740166	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
CONA	1.66	292.8	Sn	09:54:37.723	-1.1					T__				---		14740167	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	
2016/09/22	11:26:30.19	3.26	0.54	47.0979	18.1492	22.6	10.3	75	0.0A		4	2	302	0.27	0.42	m	kx	BUD	14740304	iLoc			360

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	0.27	222.2	Pg	11:26:36.230	0.2					T__	3.6	0.6		___	MLv	1.9	14740306	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.27	222.2	Lg	11:26:40.274	-0.3					T__				---		14740307	FDSN	HU	--	BUD	iLoc	SHN	???	_	
MPLH	0.42	280.1	Pg	11:26:38.957	-0.2					T__	5.7	0.1		___	MLv	1.5	14740308	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.42	280.1	Lg	11:26:46.227	0.3					T__				---		14740309	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
2016/09/28	09:29:18.71	0.22	0.37	46.0468	22.0542	2.0	1.6	96	9.3F	3.9	10	111		0.35	1.29	a	ke BUC	14625420	ISC			360
2016/09/28	09:29:18.06	0.90	0.53	46.0742	22.0579	4.8	3.5	106	5.1F	10.3	23	6	111	0.33	1.32	m	ke BUD	14740726	iLoc			198

Magnitude	Err	Nsta	Author	OrigID
ml	1.4		BUC	14625420
ML	1.6	0.1	4 BUD	14740726

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SIRR	0.33	305.0	Pg	09:29:25.350	0.2				T__		13.6	0.3		___	MLv	1.7	14740728	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.34	305.1	Pb	09:29:25.560	0.4				T__					___			14740729	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.34	305.1	Pb	09:29:25.560	0.4				T__			0.1		___			14740730	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.34	305.1	Lg	09:29:30.344	-0.3				T__			0.1		___			14740731	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.7 1																									
BZS	0.54	212.8	Pg	09:29:29.582	0.8				T__		1.6	0.0		___	MLv	1.3	14740732	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.54	212.8	Lg	09:29:35.901	-0.8				T__					___			14740733	FDSN	RO	--	BUD	iLoc	BHN	???	_
BZS	0.55	214.1	Pb	09:29:29.187	0.2				T__					___			14740734	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.55	214.1	Sg	09:29:36.342	-0.7				T__					___			14740736	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.3 1																									
GZR	0.85	143.3	Pg	09:29:34.565	0.2				T__					___			14740737	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	0.85	143.3	Pn	09:29:35.745	0.3				T__		1.6	0.0		___	MLv	1.6	14740739	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.85	143.3	Lg	09:29:45.864	-0.7				T__					___			14740740	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	0.85	143.3	Sg	09:29:46.666	0.1				T__					___			14740741	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 1.6 1																									
DRGR	0.85	32.0	Pg	09:29:35.228	0.2				T__					___			14740742	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.85	32.0	Lg	09:29:48.461	-0.2				T__					___			14740744	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.85	32.0	Pb	09:29:35.605	0.6				T__		1.5	0.0		___	MLv	1.5	14740745	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.85	32.0	Sg	09:29:47.480	-1.2				T__					___			14740746	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1																									
HERR	1.22	167.9	Sn	09:29:58.513	0.1				T__					___			14740747	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.32	190.8	Sn	09:30:00.724	-0.4				T__					___			14740749	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
2016/09/28	12:37:30.01	1.19	0.88	48.5591	20.7729	7.1	3.8	154	5.8F	10.5	15	9	112	0.21	1.29	m	ke BUD	14740770	iLoc			153

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	7 BUD	14740770

Sta	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	248.4	Pg	12:37:34.330	-0.0				T__		66.7	4.3		___	MLv	2.5	14740772	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	248.4	Lg	12:37:38.067	0.4				T__					___			14740773	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Station ML : 2.5 0																									
CRVS	0.57	52.8	Pg	12:37:41.298	0.5				T__		1.3	0.0		___	MLv	1.1	14740774	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	52.8	Lg	12:37:49.409	-0.7				T__					___			14740775	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 1.1 0																									
PSZ	0.87	222.8	Pg	12:37:47.574	-0.6				T__		2.9	0.1		___	MLv	2.0	14740776	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	222.8	Lg	12:37:59.815	-1.5				T__					___			14740777	FDSN	GE	--	BUD	iLoc	BHN	???	_

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(Station ML : 2.0 1
ET1H 0.91 221.9 Pn 12:37:49.146 0.7 T__ 2.0 0.1 ___ MLv 1.8 14740778 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.91 221.9 Lg 12:38:02.774 0.5 T__ ___ 14740779 FDSN HU -- BUD iLoc HHE ??? _
(Station ML : 1.8 1
NIE 0.91 340.8 Pn 12:37:49.415 0.7 T__ 1.6 0.0 ___ MLv 1.7 14740780 FDSN PL -- BUD iLoc BHZ BHZ _
(Station ML : 1.7 1
LANS 1.05 305.0 Pg 12:37:49.900 -0.6 T__ 0.1 ___ 14740781 FDSN IR -- ISC iLoc ??? ??? _
KOLS 1.06 68.8 Lg 12:38:05.784 -1.2 T__ ___ 14740782 FDSN SK -- BUD iLoc HHE ??? _
TRPA 1.25 109.4 Pg 12:37:54.362 0.4 T__ 2.6 0.1 ___ MLv 2.0 14740783 FDSN HU -- BUD iLoc BHZ BHZ _
TRPA 1.25 109.4 Sn 12:38:11.365 -0.9 T__ ___ 14740784 FDSN HU -- BUD iLoc BHE ??? _
(Station ML : 2.0 1
VYHS 1.29 267.8 Pn 12:37:54.716 1.0 T__ 1.6 0.0 ___ MLv 1.2 14740785 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 267.8 Sn 12:38:12.384 -0.1 T__ ___ 14740786 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
2016/09/29 05:58:10.21 1.41 0.49 48.7537 19.9773 9.7 5.2 38 17.2F 15.6 11 6 168 0.43 0.88 m ke BUD 14740931 iLoc 237

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 4 BUD 14740931

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Sta 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 0.43 128.6 Pg 05:58:19.716 0.4 T__ 3.0 0.2 ___ MLv 1.8 14740933 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.43 128.6 Lg 05:58:25.562 -0.5 T__ ___ 14740934 FDSN SK -- BUD iLoc EHE ??? _
(Station ML : 1.8 1
LANS 0.52 320.0 Pg 05:58:21.100 0.3 T__ 0.1 ___ 14740935 FDSN IR -- ISC iLoc ??? ??? _
LANS 0.52 320.0 Lg 05:58:28.100 -0.4 T__ 0.1 ___ 14740936 FDSN IR -- ISC iLoc ??? ??? _
VYHS 0.80 251.5 Pg 05:58:26.642 0.3 T__ 2.1 0.0 ___ MLv 1.0 14740937 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.80 251.5 Lg 05:58:37.021 -0.7 T__ ___ 14740938 FDSN SK -- BUD iLoc HHE ??? _
(Station ML : 1.0 1
A336A 0.83 231.7 Pg 05:58:27.655 0.6 T__ 2.2 0.1 ___ MLv 1.9 14740939 FDSN Z3 00 BUD iLoc HHZ HHZ _
A336A 0.83 231.7 Sn 05:58:38.966 0.1 T__ ___ 14740940 FDSN Z3 00 BUD iLoc HH3 ??? _
(Station ML : 1.9 1
PSZ 0.84 183.8 Pg 05:58:28.002 0.2 T__ 1.7 0.0 ___ MLv 1.6 14740941 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.84 183.8 Sn 05:58:39.550 -0.2 T__ ___ 14740942 FDSN GE -- BUD iLoc BHN ??? _
(Station ML : 1.6 1
ET1H 0.88 184.7 Sn 05:58:40.321 -0.0 T__ ___ 14740943 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
2016/09/29 08:58:07.78 2.05 0.10 46.0711 18.4410 26.8 5.4 154 5.0A 6 3 206 0.20 0.46 m ke BUD 14742920 iLoc 336

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Magnitude Err Nsta Author OrigID
ML 1.3 0.9 3 BUD 14742920

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Sta 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 44.3 Pg 08:58:12.155 0.0 T__ 4.9 0.3 ___ MLv 1.3 14742922 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.20 44.3 Lg 08:58:15.488 -0.0 T__ ___ 14742923 FDSN HU -- BUD iLoc HHE ??? _
(Station ML : 1.3 1
KOVH 0.24 274.3 Pg 08:58:13.009 0.1 T__ 2.3 0.1 ___ MLv 0.8 14742924 FDSN HU -- BUD iLoc HHZ HHZ _

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KOVH	0.24	274.3	Lg	08:58:16.720	-0.1					T__					14742925	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Station ML : 0.8 1																									
A273A	0.46	250.7	Pg	08:58:17.221	-0.0					T__	1.6	0.4		___	MLv	2.2	14742926	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_
A273A	0.46	250.7	Lg	08:58:24.387	0.0					T__				---		14742927	FDSN	Z3	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2016/09/29	09:07:19.13	2.11	0.71	46.2646	21.7246	17.1	4.8	116	1.9F	12.1	12	4	140	0.04	1.14	m	ke	BUD	14742941	iLoc			228

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	4 BUD	14742941

Sta	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	0.04	270.9	Pg	09:07:19.773	-0.7					T__	592.5	22.6		---	MLv	2.8	14742943	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.8 1																									
BZS	0.65	185.2	Pg	09:07:32.550	0.7					T__	1.4	0.0		---	MLv	1.4	14742944	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.65	185.2	Lg	09:07:41.408	0.1					T__				---		14742945	FDSN	RO	--	BUD	iLoc	BHE	???	_	
BZS	0.65	186.7	Pb	09:07:31.184	-0.8					T__				---		14742946	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.65	186.7	Sg	09:07:41.532	0.1					T__				---		14742947	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.4 1																									
DRGR	0.86	51.9	Lg	09:07:50.644	0.4					T__				---		14742948	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.86	51.9	Pg	09:07:36.687	0.4					T__	1.9	0.0		---	MLv	1.6	14742949	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.86	51.9	Sg	09:07:49.071	-1.1					T__				---		14742950	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
GZR	1.14	139.5	Pg	09:07:41.479	0.5					T__				---		14742951	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.14	139.5	Pb	09:07:41.675	0.7					T__	2.4	0.1		---	MLv	1.8	14742952	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.14	139.5	Lg	09:07:56.941	-0.3					T__				---		14742953	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.14	139.5	Sg	09:07:57.531	0.3					T__				---		14742954	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	
2016/09/30	07:09:23.31	1.16	1.09	48.4057	19.1583	7.3	4.6	43	4.2F	14.7	12	6	119	0.20	1.74	m	ke	BUD	14742972	iLoc			196

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	5 BUD	14742972

Sta	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	0.20	211.7	Pg	07:09:27.759	0.2					T__	33.4	1.5		---	MLv	2.0	14742974	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.20	211.7	Lg	07:09:31.899	1.2					T__				---		14742975	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Station ML : 2.0 0																									
VYHS	0.23	292.5	Pg	07:09:27.872	-0.3					T__	10.5	0.1		---	MLv	0.8	14742976	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.23	292.5	Lg	07:09:31.160	-0.6					T__				---		14742977	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.8 0																									
A335A	0.55	274.6	Lg	07:09:33.845	-8.6					---	3.3	0.1		---	MLv	1.8	14742978	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.8 1																									
PSZ	0.69	134.4	Pg	07:09:39.007	1.1					T__	2.2	0.1		---	MLv	1.6	14742979	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.69	134.4	Lg	07:09:46.728	-2.0					T__				---		14742980	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
LANS	0.77	15.2	Pg	07:09:39.400	0.9					T__		0.1		---		14742981	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	1.09	295.2	Pg	07:09:45.545	0.8					T__	1.3	0.1		---	MLv	2.0	14742982	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_

JAVC	1.09	295.2	Lg	07:10:01.011	0.7	T__	---	14742983	FDSN	CZ	--	BUD	iLoc	BHE	???	_
JAVC	1.09	295.2	Pb	07:09:44.400	-0.3	T__	---	14742984	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.09	295.2	Sg	07:09:59.900	-0.4	T__	---	14742985	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.0 1																
MORC	1.74	322.9	Sn	07:10:16.736	-0.2	T__	---	14742986	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
2016/09/30	09:55:02.45	1.38	0.55	45.5839	17.7186	9.9	4.5	133	2.2F	19.2	11	7	160	0.57	1.29	m	ke BUD	14743009	iLoc			227

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	3 BUD	14743009

Sta	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	27.7	Pg	09:55:14.406	0.3					T__	3.5	0.0		---	MLv	1.5	14743011	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.57	27.7	Lg	09:55:22.794	-0.0					T__				---		14743012	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.5 1																									
MOSL	0.68	272.9	Pg	09:55:16.130	0.1					T__				---		14743013	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.68	272.9	Lg	09:55:25.820	-0.4					T__				---		14743014	FDSN	IR	--	ISC	iLoc	???	???	_	
BLY	0.88	205.7	Pg	09:55:19.642	-0.0					T__	1.7	0.0		---	MLv	1.6	14743015	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	0.88	205.7	Lg	09:55:32.774	0.3					T__				---		14743016	FDSN	MN	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
MORH	0.90	45.3	Pg	09:55:19.743	-0.7					T__	3.5	0.1		---	MLv	1.8	14743017	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.90	45.3	Lg	09:55:34.286	0.4					T__				---		14743018	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
KALN	1.04	302.3	Pn	09:55:23.730	0.1					T__				---		14743019	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	1.27	285.4	Pn	09:55:26.100	-0.8					T__				---		14743020	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	1.29	297.0	Pn	09:55:27.570	0.7					T__				---		14743021	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
2016/10/03	08:55:22.06	0.25	0.16	48.5034	17.5069	2.4	0.9	118	0.0F	0.0	9	39		1.14	1.24	a	ke VIE	14625638	ISC			360
2016/10/03	08:55:21.94	1.23	0.53	48.5079	17.4708	7.0	3.7	135	1.8F	14.6	17	9	127	0.19	1.27	m	ke BUD	14743035	iLoc			152

Magnitude	Err	Nsta	Author	OrigID
mb	0.9		VIE	14625638
m1	1.6		VIE	14625638
ML	2.0	0.8	5 BUD	14743035

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.19	223.8	Pg	08:55:25.541	-0.5					T__	9.6	318.5		---	MLv	4.3	14743037	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.19	223.8	Lg	08:55:29.438	0.3					T__				---		14743038	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 4.3 0																									
JAVC	0.38	20.6	Pg	08:55:28.961	-0.7					T__	2.0	0.2		---	MLv	1.5	14743039	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.38	20.6	Lg	08:55:34.993	-0.4					T__				---		14743040	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.5 1																									
ZST	0.40	218.4	Pg	08:55:30.079	0.0					T__	2.1	1.5		---	MLv	2.6	14743041	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_
ZST	0.40	218.4	Lg	08:55:35.773	-0.2					T__				---		14743042	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.6 1																									
A332A	0.72	65.4	Lg	08:55:47.012	0.3					T__				---		14743043	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

VYHS	0.91	90.4	Pn	08:55:40.783	0.0	T__	2.4	0.0	---	MLv	1.1	14743044	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.91	90.4	Lg	08:55:54.211	0.8	T__			---			14743045	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.1 0																					
VRAC	0.99	324.5	Lg	08:55:55.155	1.1	T__			---			14743046	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
RONA	1.13	224.7	Pn	08:55:44.149	0.2	T__		0.8	0.12	---		14743047	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	1.13	224.7	Lg	08:56:00.008	-0.2	T__		2.0	0.24	---		14743048	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	1.22	242.3	Pn	08:55:45.510	0.2	T__	1.1	0.1		---	MLv	2.0	14743049	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.22	242.3	Lg	08:56:03.323	0.2	T__				---		14743050	FDSN	OE	--	BUD	iLoc	BHE	???	_	
CONA	1.22	242.3	Pg	08:55:45.664	-0.5	T__		0.7	0.20	---		14743051	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	1.22	242.3	Sg	08:56:03.126	-0.0	T__		3.7	0.52	---		14743052	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.0 1																					
MORC	1.27	2.1	Lg	08:56:03.430	0.5	T__				---		14743053	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
2016/10/04	12:38:45.59	1.07	0.99	47.3430	18.1610	7.8	5.6	147	8.2F	7.4	12	8	90	0.07	1.26	m	ke BUD	14743079	iLoc			136

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	4 BUD	14743079

Sta	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	73.3	Pg	12:38:47.683	-0.2					T__	39.7	11.9		---	MLv	2.6	14743081	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.07	73.3	Lg	12:38:49.227	-0.5					T__				---		14743082	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.6 1																									
A268A	0.18	298.8	Pg	12:38:49.375	-0.4					T__	5.8	0.2		---	MLv	1.1	14743083	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.18	298.8	Lg	12:38:52.245	-0.7					T__				---		14743084	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.1 1																									
A269A	0.33	26.8	Lg	12:38:58.693	1.0					T__				---		14743085	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MPLH	0.46	248.0	Pg	12:38:55.148	0.2					T__	2.4	0.1		---	MLv	1.3	14743086	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.46	248.0	Lg	12:39:02.138	0.3					T__				---		14743087	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.3 1																									
SRO	0.48	12.3	Lg	12:39:04.185	1.6					T__				---		14743088	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MORH	1.18	163.4	Pn	12:39:07.530	0.4					T__	1.7	0.0		---	MLv	1.7	14743089	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.18	163.4	Sn	12:39:23.059	-0.8					T__				---		14743090	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
VYHS	1.24	21.3	Lg	12:39:25.572	-1.5					T__				---		14743091	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.26	181.9	Sn	12:39:26.309	0.2					T__				---		14743092	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	
2016/10/05	07:50:21.28	1.16	0.84	48.5692	20.7654	31.4	4.3	146	5.0A		8	4	168	0.20	0.93	m	ke BUD	14743110	iLoc				191

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	14743110

Sta	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	245.3	Pg	07:50:25.180	-0.4					T__	9.2	0.7		---	MLv	1.7	14743112	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	245.3	Lg	07:50:29.295	0.4					T__				---		14743113	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.7 1																									
CRVS	0.57	53.9	Pg	07:50:32.093	0.0					T__	1.5	0.0		---	MLv	0.9	14743114	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

```

CRVS 0.57 53.9 Lg 07:50:39.994 -1.3 T__ --- 14743115 FDSN SK -- BUD iLoc HHE ??? _
(Station ML : 0.9 1
PSZ 0.87 222.1 Pn 07:50:40.064 0.6 T__ 1.3 0.0 ___ MLv 1.6 14743116 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.87 222.1 Lg 07:50:51.914 -0.8 T__ --- 14743117 FDSN GE -- BUD iLoc BHN ??? _
(Station ML : 1.6 1
MASL 0.93 61.0 Pn 07:50:40.538 0.2 T__ --- 14743118 FDSN SK -- BUD iLoc EHZ ??? _
MASL 0.93 61.0 Lg 07:50:53.871 0.6 T__ --- 14743119 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
2016/10/06 08:16:58.03 1.37 0.87 48.5171 20.7918 17.2 4.3 154 4.5F 12.4 10 6 158 0.21 1.30 m ke BUD 14743133 iLoc 194

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Magnitude Err Nsta Author OrigID
ML 1.4 0.6 4 BUD 14743133

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Sta 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 0.21 260.7 Pg 08:17:01.904 -0.4 T__ 19.1 1.2 ___ MLv 2.0 14743135 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.21 260.7 Lg 08:17:06.241 0.6 T__ --- 14743136 FDSN SK -- BUD iLoc EHN ??? _
(Station ML : 2.0 1
CRVS 0.59 48.8 Pg 08:17:09.025 -0.1 T__ 2.4 0.0 ___ MLv 0.9 14743137 FDSN SK -- BUD iLoc HHZ HHZ _
(Station ML : 0.9 1
PSZ 0.85 225.4 Pn 08:17:15.630 -0.3 T__ 2.0 0.0 ___ MLv 1.7 14743138 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.85 225.4 Lg 08:17:29.846 1.1 T__ --- 14743139 FDSN GE -- BUD iLoc BHE ??? _
(Station ML : 1.7 1
MASL 0.94 57.7 Pn 08:17:17.888 0.6 T__ --- 14743140 FDSN SK -- BUD iLoc EHZ ??? _
MASL 0.94 57.7 Lg 08:17:31.148 0.8 T__ --- 14743141 FDSN SK -- BUD iLoc EHN ??? _
KOLS 1.07 66.4 Lg 08:17:34.220 -0.9 T__ --- 14743142 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.30 269.7 Pn 08:17:22.452 0.4 T__ 2.0 0.0 ___ MLv 1.2 14743143 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.30 269.7 Sn 08:17:40.215 -0.9 T__ --- 14743144 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
2016/10/06 08:28:27.62 1.35 0.99 47.8997 20.0601 6.8 6.7 28 0.0A 10 7 140 0.11 1.94 m kx BUD 14743162 iLoc 220
2016/10/06 08:28:27.33f 0.88 47.8987 20.0893f 0.0S 10 144 0.13 1.95 a kx BUD_GT 14759319 BUD 222

```

```

(locality : Recsk)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.4 4 BUD 14743162
ML 1.7 0.4 4 BUD 14759319

```

```

Sta 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 08:28:30.751 -0.0 T__ 1.6 ___ MLv 14759763 FDSN GE -- BUD BUD BHZ BHZ _
PSZ 0.13 278.6 Lg 08:28:33.562 -0.0 T__ --- 14759764 FDSN GE -- BUD BUD BHN ??? _
ET1H 0.15 262.5 Pg 08:28:31.065 0.1 T__ 1.0 ___ MLv 14759765 FDSN HU -- BUD BUD HHZ HHZ _
ET1H 0.15 262.5 Lg 08:28:33.906 0.2 T__ --- 14759766 FDSN HU -- BUD BUD HHE ??? _
BSZH 0.61 168.6 Lg 08:28:51.775 0.6 T__ --- 14759767 FDSN HU -- BUD BUD HHE ??? _
KECS 0.64 24.2 Pg 08:28:41.104 0.9 T__ 0.2 ___ MLv 14759768 FDSN SK -- BUD BUD EHN EHZ _
VYHS 1.03 305.9 Pn 08:28:48.033 -0.1 T__ 0.0 ___ MLv 14759769 FDSN SK -- BUD BUD HHZ HHZ _
VYHS 1.03 305.9 Lg 08:29:01.411 -1.7 T__ --- 14759770 FDSN SK -- BUD BUD HHN ??? _

```

CSKK	1.35	247.2	Lg	08:29:15.176	0.8	T__	---	14759771	FDSN	HU	--	BUD	BUD	SHE	???	_
MORH	1.95	210.9	Lg	08:29:32.595	-1.7	T__	---	14759772	FDSN	HU	--	BUD	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
2016/10/06	14:10:38.09	1.23	0.75	47.3582	18.1674	6.4	4.7	161	2.4F	10.3	14	8	78	0.06	1.30	m	ke BUD	14743191	iLoc			117

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	6 BUD	14743191

Sta	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	85.4	Pg	14:10:39.361	-0.4					T__	100.2	25.8		---	MLv	2.9	14743193	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.06	85.4	Lg	14:10:40.721	-0.4					T__				---		14743194	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.9 1																									
MPLH	0.47	246.5	Pg	14:10:47.668	0.1					T__	2.5	0.1		---	MLv	1.4	14743195	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.47	246.5	Lg	14:10:55.055	0.5					T__				---		14743196	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.4 1																									
TIH	0.50	202.7	Lg	14:10:56.333	0.7					T__				---		14743197	FDSN	HU	--	BUD	iLoc	SHN	???	_	
EGYH	0.57	276.1	Lg	14:10:58.383	0.4					T__				---		14743198	FDSN	HU	--	BUD	iLoc	SHN	???	_	
MODS	1.18	329.8	Pn	14:11:00.199	-0.4					T__	1.5	33.1		---	MLv	4.7	14743199	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	1.18	329.8	Sn	14:11:16.454	-1.4					T__				---		14743200	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 4.7 0																									
MORH	1.19	163.8	Pn	14:10:59.967	-0.5					T__	1.5	0.0		---	MLv	1.5	14743201	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.19	163.8	Sn	14:11:17.372	-0.5					T__				---		14743202	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.5 1																									
VYHS	1.22	21.3	Pn	14:11:01.683	0.6					T__	1.5	0.0		---	MLv	1.0	14743203	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
VYHS	1.22	21.3	Sn	14:11:18.533	-0.2					T__				---		14743204	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.0 0																									
PSZ	1.30	63.7	Pn	14:11:03.240	1.0					T__	1.7	0.0		---	MLv	1.8	14743205	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.30	63.7	Sn	14:11:21.672	0.7					T__				---		14743206	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		
2016/10/06	21:18:00.04	1.41	0.48	47.3989	18.5393	7.3	5.7	123	10.4F	11.9	11	10	116	0.19	1.35	m	ke BUD	14743469	iLoc					166

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	0.19	259.4	Pg	21:18:04.823	0.3					T__	14.7	2.8		---	MLv	2.3	14743471	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.19	259.4	Lg	21:18:07.639	-0.4					T__				---		14743472	FDSN	HU	--	BUD	iLoc	SHN	???	_	
A268A	0.42	274.7	Lg	21:18:15.017	-0.1					T__				---		14743473	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A267A	0.45	185.0	Lg	21:18:16.163	-0.1					T__				---		14743474	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
TIH	0.67	221.9	Lg	21:18:23.460	0.3					T__				---		14743475	FDSN	HU	--	BUD	iLoc	SHN	???	_	
MPLH	0.72	251.8	Sn	21:18:27.148	0.3					T__				---		14743476	FDSN	HU	--	BUD	iLoc	BHN	???	_	
EGYH	0.82	271.7	Sn	21:18:28.895	-0.4					T__				---		14743477	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
PSZ	1.05	59.9	Lg	21:18:36.732	0.1					T__				---		14743478	FDSN	GE	--	BUD	iLoc	BHN	???	_	
VYHS	1.11	10.2	Lg	21:18:37.129	-0.4					T__				---		14743479	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.19	176.5	Sn	21:18:38.222	0.1					T__				---		14743480	FDSN	HU	--	BUD	iLoc	BHN	???	_	
KOVH	1.35	193.1	Lg	21:18:44.236	-0.9					T__				---		14743481	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
2016/10/07	08:41:10.41	1.24	0.79	48.5706	20.7753	14.5	4.1	145	5.6F	11.5	12	7	152	0.21	1.29	m	ke BUD	14743483	iLoc			167

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	5 BUD	14743483

Sta	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	245.7	Pg	08:41:14.511	-0.3					T__	16.4			___	MLv	1.9	14743485	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	245.7	Lg	08:41:18.558	0.3					T__				___		14743486	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.9 0																									
CRVS	0.56	53.6	Pg	08:41:21.360	0.3					T__	2.4	0.0		___	MLv	1.0	14743487	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.56	53.6	Lg	08:41:29.438	-0.8					T__				___		14743488	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.0 1																									
PSZ	0.88	222.4	Pn	08:41:28.103	-0.5					T__	2.3	0.1		___	MLv	1.8	14743489	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	222.4	Lg	08:41:41.374	-0.6					T__				___		14743490	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 1																									
STHS	0.90	19.8	Pn	08:41:29.100	0.1					T__		0.2		___		14743491	FDSN	IR	--	ISC	iLoc	???	???	_	
ET1H	0.92	221.5	Pn	08:41:29.288	0.3					T__	2.1	0.0		___	MLv	1.6	14743492	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.92	221.5	Lg	08:41:44.340	1.4					T__				___		14743493	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.6 1																									
KOLS	1.06	69.3	Lg	08:41:47.630	0.5					T__				___		14743494	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.29	267.3	Pn	08:41:35.047	0.8					T__	1.4	0.0		___	MLv	1.0	14743495	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	267.3	Sn	08:41:52.283	-0.7					T__				___		14743496	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
2016/10/07	10:56:05.88	1.85	0.48	48.4283	17.4795	12.8	5.5	132	1.7F	15.4	10	7	209	0.15	1.35	m	ke BUD	14743519	iLoc			229

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	7 BUD	14743519

Sta	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	0.15	247.8	Pg	10:56:08.824	-0.3					T__	10.6	247.6		___	MLv	4.1	14743521	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.15	247.8	Lg	10:56:11.509	-0.2					T__				___		14743522	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 4.1 0																									
A334A	0.22	36.3	Pg	10:56:10.664	0.2					T__	3.8	0.3		___	MLv	1.4	14743523	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.4 0																									
JAVC	0.45	16.3	Pg	10:56:14.675	-0.3					T__	2.9	0.1		___	MLv	1.6	14743524	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.6 1																									
KRUC	0.96	311.9	Pg	10:56:24.272	0.3					T__	1.5	0.0		___	MLv	1.6	14743525	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	0.96	311.9	Lg	10:56:37.929	0.5					T__				___		14743526	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
VRAC	1.06	326.7	Pn	10:56:26.017	-0.7					T__	1.6	0.0		___	MLv	1.6	14743527	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.6 1																									
CONA	1.19	245.8	Pn	10:56:29.216	0.4					T__	1.1	0.0		___	MLv	1.7	14743528	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.19	245.8	Lg	10:56:46.358	0.2					T__				___		14743529	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
MORC	1.35	1.7	Pg	10:56:31.447	0.1					T__	1.0	0.0		___	MLv	1.7	14743530	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/10/07	11:08:14.38	1.15	1.33	48.0322	19.5471	7.0	4.2	26	0.0S	11	8	99	0.26	1.61	m	kx	BUD	14743560	iLoc			161
2016/10/07	11:08:13.00f		2.49	47.8920	19.4049f				0.0S	11		120	0.31	1.51	a	kx	BUD_GT	14759321	BUD			143

(locality : Bercel)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	5 BUD	14743560
ML	1.2	0.3	5 BUD	14759321

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ET1H	0.31	92.2	Pg	11:08:19.442	-1.9					T__		0.1		---	MLv	14759777	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.31	92.2	Lg	11:08:24.751	-1.9					T__				---		14759778	FDSN	HU	--	BUD	BUD	HHN	???	_
PSZ	0.33	85.2	Pg	11:08:19.830	-2.0					T__		0.2		---	MLv	14759775	FDSN	GE	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.33	85.2	Lg	11:08:25.521	-2.0					T__				---		14759776	FDSN	GE	--	BUD	BUD	BHN	???	_
BUD	0.48	212.3	Pg	11:08:29.458	4.8					T__		0.1		---	MLv	14759779	FDSN	HU	--	BUD	BUD	BHN	BHZ	_
VYHS	0.71	327.9	Pg	11:08:27.427	-1.3					T__		0.0		---	MLv	14759780	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.71	327.9	Lg	11:08:37.227	-2.2					T__				---		14759781	FDSN	SK	--	BUD	BUD	HHN	???	_
KECS	0.93	50.3	Pg	11:08:32.327	-0.6					T__		0.1		---	MLv	14759782	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
CSKK	0.94	236.1	Sn	11:08:49.785	0.8					T__				---		14759783	FDSN	HU	--	BUD	BUD	SHN	???	_
MPLH	1.46	240.9	Lg	11:09:09.158	4.7					T__				---		14759785	FDSN	HU	--	BUD	BUD	BHN	???	_
JAVC	1.51	310.6	Lg	11:09:05.950	-0.4					T__				---		14759784	FDSN	CZ	--	BUD	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	
2016/10/07	14:34:26.29	2.15	0.89	47.3862	18.5012	18.4	7.6	101	7.0F	18.4	8	4	115	0.17	1.17	m	ke	BUD	14743671	iLoc			202

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.6	4 BUD	14743671

Sta	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	262.1	Pg	14:34:30.023	-0.1					T__	23.3	4.9		---	MLv	2.4	14743673	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.17	262.1	Lg	14:34:32.545	-0.5					T__				---		14743674	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.4 1																									
PSZ	1.08	60.0	Pn	14:34:47.390	0.5					T__	2.9	0.1		---	MLv	1.8	14743675	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.08	60.0	Sn	14:35:02.087	-0.9					T__				---		14743676	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
VYHS	1.13	11.4	Pn	14:34:48.291	0.9					T__	1.6	0.0		---	MLv	1.0	14743677	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.13	11.4	Sn	14:35:03.181	-0.5					T__				---		14743678	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Station ML : 1.0 1																									
MORH	1.17	175.1	Pn	14:34:48.612	0.7					T__	1.3	0.0		---	MLv	1.6	14743679	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.17	175.1	Sn	14:35:04.242	-0.6					T__				---		14743680	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	
2016/10/07	15:06:11.26	1.46	0.47	48.0532	19.8297	8.9	5.4	90	5.0A	7	4	133	0.14	0.80	m	ke	BUD	14743698	iLoc				234

Magnitude	Err	Nsta	Author	OrigID
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ML 1.0 0.5 3 BUD 14743698

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
PSZ	0.14	162.1	Pg	15:06:15.143	0.4					T__	8.9	0.2		___	MLv	1.0	14743700	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.14	162.1	Lg	15:06:16.938	-0.6					T__				___		14743701	FDSN	GE	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.0 1																										
ET1H	0.18	170.9	Pg	15:06:15.545	0.3					T__	3.3	0.1		___	MLv	0.6	14743702	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.18	170.9	Lg	15:06:18.171	-0.2					T__				___		14743703	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Station ML : 0.6 1																										
KECS	0.61	45.3	Pg	15:06:23.698	0.3					T__	2.0	0.1		___	MLv	1.9	14743704	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.61	45.3	Lg	15:06:32.350	-0.3					T__				___		14743705	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Station ML : 1.9 1																										
VYHS	0.80	304.0	Lg	15:06:38.621	-0.3					T__				___		14743706	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
2016/10/07	17:12:44.09	1.49	0.37	48.0472	19.8265	9.2	5.4	90	5.0A	7	4	134	0.14	0.80	m	ke	BUD	14743720	iLoc			235

Magnitude Err Nsta Author OrigID  
ML 0.5 0.3 4 BUD 14743720

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
PSZ	0.14	160.5	Pg	17:12:47.794	0.3					T__	2.0	0.0		___	MLv	0.3	14743722	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.14	160.5	Lg	17:12:49.596	-0.6					T__				___		14743723	FDSN	GE	--	BUD	iLoc	BHZ	???	_		
(Station ML : 0.3 1																										
ET1H	0.17	169.8	Pg	17:12:48.242	0.2					T__	1.9	0.0		___	MLv	0.3	14743724	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.17	169.8	Lg	17:12:50.925	-0.1					T__				___		14743725	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Station ML : 0.3 1																										
KECS	0.62	45.0	Pg	17:12:56.497	0.1					T__	1.6	0.1		___	MLv	1.8	14743726	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.62	45.0	Lg	17:13:05.612	-0.1					T__				___		14743727	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Station ML : 1.8 1																										
VYHS	0.80	304.4	Pg	17:13:00.177	0.1					T__	1.6	0.0		___	MLv	0.7	14743728	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	
2016/10/07	19:24:50.62	1.18	0.59	47.3859	18.5221	4.5	3.6	100	9.8F	7.1	21	12	77	0.18	1.17	m	ke	BUD	14744702	iLoc			116

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 10 BUD 14744702

Sta	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	262.8	Pg	19:24:54.704	-0.1					T__	30.0	8.4		___	MLv	2.7	14744704	FDSN	HU	--	BUD	iLoc	SHN	SHZ	_	
CSKK	0.18	262.8	Lg	19:24:57.712	-0.4					T__				___		14744705	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.7 0																										
A269A	0.27	339.5	Pg	19:24:56.478	0.0					T__	9.9	0.3		___	MLv	1.6	14744706	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A269A	0.27	339.5	Lg	19:25:00.780	-0.0					T__				___		14744707	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 1.6 1																										
A271A	0.31	137.3	Pg	19:24:57.829	0.4					T__	2.4	0.2		___	MLv	1.4	14744708	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_	
A271A	0.31	137.3	Lg	19:25:03.436	0.8					T__				___		14744709	FDSN	Z3	--	BUD	iLoc	HHE	???	_		
(Station ML : 1.4 0																										



A267A	0.44	183.6	Pg	19:24:59.864	0.2	T__	3.1	0.2	---	MLv	1.7	14744710	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.44	183.6	Lg	19:25:05.486	-0.9	T__			---			14744711	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Station ML : 1.7 1																				
SRO	0.45	341.8	Lg	19:25:07.672	1.1	T__			---			14744712	FDSN	SK	--	BUD	iLoc	EHN	???	_
A270A	0.57	36.0	Pg	19:25:02.263	-0.1	T__	2.2	0.1	---	MLv	1.7	14744713	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.7 1																				
TIH	0.65	221.9	Pg	19:25:03.255	-0.5	T__	2.5	0.4	---	MLv	2.4	14744714	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.65	221.9	Lg	19:25:13.675	0.5	T__			---			14744715	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.4 0																				
MPLH	0.70	252.5	Pg	19:25:04.884	0.2	T__	1.4	0.0	---	MLv	1.5	14744716	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.70	252.5	Lg	19:25:15.739	1.0	T__			---			14744717	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.5 1																				
EGYH	0.81	272.6	Sn	19:25:19.206	-0.5	T__			---			14744718	FDSN	HU	--	BUD	iLoc	SHE	???	_
PSZ	1.07	59.6	Pg	19:25:11.897	-0.8	T__	2.0	0.0	---	MLv	1.7	14744719	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.07	59.6	Sn	19:25:26.369	-0.1	T__			---			14744720	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.7 1																				
VVHS	1.13	10.7	Pg	19:25:13.072	0.1	T__	1.8	0.0	---	MLv	1.0	14744721	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	1.13	10.7	Sn	19:25:27.026	-0.4	T__			---			14744722	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.0 0																				
MORH	1.17	175.9	Pg	19:25:13.217	-0.5	T__	1.3	0.0	---	MLv	1.6	14744723	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.17	175.9	Sn	19:25:28.873	0.4	T__			---			14744724	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
2016/10/07	21:07:42.64	1.47	0.45	48.0508	19.8202	8.9	5.4	87	5.0A		7	4	135	0.14	0.79	m	ke BUD	14744766	iLoc			236

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.6	3 BUD	14744766

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.14	159.4	Pg	21:07:46.465	0.3					T__	4.4	0.1		---	MLv	0.6	14744768	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.14	159.4	Lg	21:07:48.298	-0.6					T__				---		14744769	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 0.6 1																									
ET1H	0.18	168.7	Pg	21:07:46.923	0.3					T__	1.3	0.0		---	MLv	0.3	14744770	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.18	168.7	Lg	21:07:49.563	-0.1					T__				---		14744771	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.3 1																									
KECS	0.62	45.5	Pg	21:07:55.181	0.2					T__	1.8	0.1		---	MLv	1.9	14744772	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.62	45.5	Lg	21:08:03.993	-0.3					T__				---		14744773	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.9 1																									
VVHS	0.79	304.4	Lg	21:08:09.879	-0.3					T__				---		14744774	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
2016/10/09	20:37:02.90	0.69		46.1270	17.2840	0.0	0.0		7.3F	3.3	21			1.03	2.79	a	ke RHSSO	14627653	ISC			360
2016/10/09	20:37:01.29	0.58	0.36	46.2303	17.3995	6.1	2.7	53	6.0F	0.0	11		5	1.64	2.68	a	ke VIE	14627649	ISC			360
2016/10/09	20:37:03.03	0.81	1.16	46.1063	17.3421	2.8	2.6	162	10.6F	2.9	71	39	38	0.06	2.75	m	ke BUD	14745049	iLoc			47

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		RHSSO	14627653
mb	1.8		VIE	14627649

m1 1.6 VIE 14627649  
ML 2.3 0.4 14 BUD 14745049

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
A264A	0.06	325.4	Pg	20:37:04.814	-0.8					T__	191.9	14.2		___	MLv	2.6	14745051	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A264A	0.06	325.4	Lg	20:37:07.013	-0.6					T__				---		14745052	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 2.6 1																										
A273A	0.38	119.7	Pg	20:37:10.587	-0.5					T__	4.7	0.4		___	MLv	1.9	14745053	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_	
A273A	0.38	119.7	Lg	20:37:17.095	0.1					T__				---		14745054	FDSN	Z3	--	BUD	iLoc	HHN	???	_		
(Station ML : 1.9 0																										
A265A	0.45	44.5	Pg	20:37:11.943	-0.4					T__	7.4	0.4		___	MLv	2.2	14745055	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A265A	0.45	44.5	Lg	20:37:18.919	-0.3					T__				---		14745056	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 2.2 1																										
KOVH	0.53	91.7	Pg	20:37:12.797	-1.1					T__	20.5	0.3		___	MLv	2.2	14745057	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	0.53	91.7	Lg	20:37:20.049	-1.9					T__				---		14745058	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.2 1																										
A263A	0.54	358.0	Pg	20:37:13.758	-0.3					T__	15.7	1.0		___	MLv	2.8	14745059	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.8 1																										
BEHE	0.54	313.0	Pg	20:37:13.799	-0.3					T__	11.9	0.6		___	MLv	2.6	14745060	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
BEHE	0.54	313.0	Lg	20:37:25.090	2.8					T__				---		14745061	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.6 1																										
KALN	0.62	272.6	Pg	20:37:16.300	0.6					T__				---		14745062	FDSN	IR	--	ISC	iLoc	???	???	_		
KALN	0.62	272.6	Lg	20:37:24.970	-0.1					T__				---		14745063	FDSN	IR	--	ISC	iLoc	???	???	_		
MOSL	0.64	220.0	Pg	20:37:15.030	-1.0					T__				---		14745064	FDSN	IR	--	ISC	iLoc	???	???	_		
MOSL	0.64	220.0	Lg	20:37:24.710	-0.9					T__				---		14745065	FDSN	IR	--	ISC	iLoc	???	???	_		
A261A	0.86	351.1	Pg	20:37:19.625	-0.6					T__	7.4	0.3		___	MLv	2.4	14745066	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.4 1																										
TIH	0.88	25.2	Pg	20:37:19.942	-0.6					T__	15.8	0.8		___	MLv	2.9	14745067	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
TIH	0.88	25.2	Lg	20:37:32.987	-0.0					T__				---		14745068	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.9 0																										
LOBO	0.89	273.6	Pg	20:37:20.480	-0.1					T__				---		14745069	FDSN	IR	--	ISC	iLoc	???	???	_		
LOBO	0.89	273.6	Lg	20:37:33.560	0.3					T__				---		14745070	FDSN	IR	--	ISC	iLoc	???	???	_		
MORH	0.91	82.6	Pg	20:37:19.857	-1.3					T__	5.2	0.1		___	MLv	1.9	14745071	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	0.91	82.6	Lg	20:37:34.107	-0.0					T__				---		14745072	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.9 0																										
PTJ	0.98	258.8	Pg	20:37:22.071	-0.2					T__	2.7	0.1		___	MLv	1.9	14745073	FDSN	CR	--	BUD	iLoc	BHE	BHZ	_	
PTJ	0.98	258.8	Lg	20:37:35.210	-0.8					T__				---		14745074	FDSN	CR	--	BUD	iLoc	BHE	???	_		
PTJ	0.98	258.7	Pb	20:37:21.500	-1.1					T__		0.1		---		14745075	FDSN	IR	--	ISC	iLoc	???	???	_		
PTJ	0.98	258.7	Sg	20:37:35.980	-0.7					T__				---		14745076	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.9 1																										
A052A	1.01	173.1	Pn	20:37:21.400	-1.0					T__				---		14745077	FDSN	IR	--	ISC	iLoc	???	???	_		
MPLH	1.07	7.2	Pg	20:37:23.948	-0.3					T__	6.6	0.1		___	MLv	2.1	14745078	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	1.07	7.2	Sn	20:37:39.640	0.8					T__				---		14745079	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.1 1																										
A255A	1.08	237.0	Pn	20:37:24.630	1.1					T__				---		14745080	FDSN	IR	--	ISC	iLoc	???	???	_		
A255A	1.08	237.0	Lg	20:37:39.260	0.1					T__				---		14745081	FDSN	IR	--	ISC	iLoc	???	???	_		
A051A	1.14	195.8	Pn	20:37:23.500	-0.9					T__				---		14745082	FDSN	IR	--	ISC	iLoc	???	???	_		
A051A	1.14	195.8	Lg	20:37:39.200	-1.8					T__				---		14745083	FDSN	IR	--	ISC	iLoc	???	???	_		
EGYH	1.31	359.7	Pg	20:37:27.803	-1.1					T__	3.3	0.2		___	MLv	2.4	14745084	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
EGYH	1.31	359.7	Lg	20:37:47.550	0.7					T__				---		14745085	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.4 1																										
BLY	1.36	184.7	Pn	20:37:27.700	0.3					T__				---		14745086	FDSN	IR	--	ISC	iLoc	???	???	_		
BLY	1.36	184.7	Sn	20:37:46.800	0.9					T__				---		14745087	FDSN	IR	--	ISC	iLoc	???	???	_		

OZLJ	1.40	250.1	Pg	20:37:29.450	-0.5	T__								14745088	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	1.40	250.1	Lg	20:37:49.220	0.2	T__								14745089	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	1.41	26.3	Pg	20:37:29.560	-1.1	T__	3.3	0.5			MLv	3.0	14745090	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	_
CSKK	1.41	26.3	Lg	20:37:49.809	-0.1	T__								14745091	FDSN	HU	--	BUD	iLoc	SHE	???	_
(Station ML : 3.0 0)																						
ARSA	1.70	313.1	Pg	20:37:34.336	-1.5	T__	2.0	0.0			MLv	2.0	14745092	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	_
ARSA	1.70	313.1	Sn	20:37:55.915	2.2	T__								14745093	FDSN	OE	--	BUD	iLoc	BHN	???	_
ARSA	1.70	313.1	Pn	20:37:30.747	-1.0	T__		0.2	0.20					14745094	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.0 1)																						
SOKA	1.70	290.5	Pn	20:37:31.420	-0.5	T__		0.2	0.16					14745095	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.70	186.2	Pn	20:37:33.700	1.5	T__								14745096	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.70	186.2	Sn	20:37:55.200	0.8	T__								14745097	FDSN	IR	--	ISC	iLoc	???	???	_
A050A	1.72	199.7	Pn	20:37:33.200	0.4	T__								14745098	FDSN	IR	--	ISC	iLoc	???	???	_
A050A	1.72	199.7	Sn	20:37:55.800	0.3	T__								14745099	FDSN	IR	--	ISC	iLoc	???	???	_
PLIT	1.72	225.2	Pg	20:37:35.630	-0.7	T__								14745100	FDSN	IR	--	ISC	iLoc	???	???	_
BLJ	1.89	133.6	Sn	20:38:00.100	1.6	T__								14745101	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	1.97	117.8	Pn	20:37:37.300	1.6	T__								14745102	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	1.97	117.8	Sn	20:38:02.400	1.6	T__								14745103	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.98	282.8	Sn	20:38:00.500	-0.5	T__								14745104	FDSN	IR	--	ISC	iLoc	???	???	_
SRKY	2.04	183.6	Pn	20:37:37.600	0.2	T__								14745105	FDSN	IR	--	ISC	iLoc	???	???	_
SRKY	2.04	183.6	Sn	20:38:04.200	0.9	T__								14745106	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	2.09	331.5	Pn	20:37:39.419	2.0	T__		0.1	0.14					14745107	FDSN	IR	--	ISC	iLoc	???	???	_
HAPS	2.32	150.0	Pn	20:37:42.700	1.8	T__								14745108	FDSN	IR	--	ISC	iLoc	???	???	_
HAPS	2.32	150.0	Sn	20:38:11.300	1.7	T__								14745109	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	2.52	43.0	Lg	20:38:25.110	-1.8	T__								14745110	FDSN	GE	--	BUD	iLoc	BHE	???	_
MORI	2.52	208.0	Pn	20:37:45.680	1.3	T__								14745111	FDSN	IR	--	ISC	iLoc	???	???	_
MORI	2.52	208.0	Sn	20:38:17.030	1.8	T__								14745112	FDSN	IR	--	ISC	iLoc	???	???	_
RICI	2.62	183.3	Pn	20:37:46.230	0.6	T__								14745113	FDSN	IR	--	ISC	iLoc	???	???	_
BBLs	2.68	146.1	Pn	20:37:47.800	2.0	T__								14745114	FDSN	IR	--	ISC	iLoc	???	???	_
BBLs	2.68	146.1	Sn	20:38:20.000	2.2	T__								14745115	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	2.73	206.8	Pn	20:37:48.910	1.5	T__								14745116	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	2.73	206.8	Sn	20:38:21.610	1.1	T__								14745117	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	2.73	310.7	Pn	20:37:45.611	-0.7	T__		0.5	0.22					14745118	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	2.73	310.7	Sn	20:38:19.299	-0.4	T__		0.7	0.18					14745119	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.75	136.0	Pn	20:37:47.700	1.0	T__								14745120	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	2.75	136.0	Sn	20:38:21.900	2.2	T__								14745121	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
2016/10/09	20:45:09.06	0.40	0.51	47.7784	17.5969	4.1	1.6	155	14.2F	2.5	44	5	0.88	1.17	a	ke	VIE	14627750	ISC			360
2016/10/09	20:45:09.35	0.95	0.98	47.8047	17.6245	3.7	3.3	165	14.3F	6.1	33	19	46	0.03	1.74	m	ke	BUD	iLoc			68

Magnitude	Err	Nsta	Author	OrigID
mb	1.5		VIE	14627750
ml	1.8		VIE	14627750
ML	1.8	0.2	17 BUD	14745185

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A339A	0.03	40.6	Pg	20:45:11.788	-0.4					T__	40.7	3.8			MLv	2.0	14745187	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A339A	0.03	40.6	Lg	20:45:14.085	-0.1					T__						14745188	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 2.0 1)																									
A003A	0.39	263.4	Pg	20:45:17.586	-0.0					T__	2.1	0.1			MLv	1.4	14745189	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A003A	0.39	263.4	Lg	20:45:23.806	0.4	T__							14745190	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Station ML	: 1.4	0																			
EGYH	0.44	207.1	Pg	20:45:18.026	-0.5	T__	2.5	0.1	---	MLv	1.6	14745191	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
EGYH	0.44	207.1	Lg	20:45:25.098	0.1	T__			---			14745192	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML	: 1.6	1																			
SR0	0.46	88.7	Pg	20:45:19.053	0.1	T__	10.4	0.9	---	MLv	2.6	14745193	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
SR0	0.46	88.7	Lg	20:45:26.161	0.3	T__			---			14745194	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML	: 2.6	0																			
ZST	0.53	318.4	Pg	20:45:19.790	-0.4	T__	2.5	0.8	---	MLv	2.6	14745195	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
ZST	0.53	318.4	Lg	20:45:26.796	-0.9	T__			---			14745196	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML	: 2.6	0																			
A338A	0.53	66.5	Pg	20:45:20.484	0.2	T__	2.7	0.1	---	MLv	1.9	14745197	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML	: 1.9	1																			
CSKK	0.62	135.5	Pn	20:45:22.735	0.2	T__	7.3	1.4	---	MLv	3.0	14745198	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
(Station ML	: 3.0	0																			
MPLH	0.64	185.2	Pg	20:45:22.312	0.1	T__	3.2	0.1	---	MLv	1.6	14745199	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.64	185.2	Lg	20:45:31.413	-0.0	T__			---			14745200	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML	: 1.6	1																			
SOP	0.73	260.8	Pg	20:45:24.264	0.2	T__	2.9	0.1	---	MLv	1.6	14745201	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
SOP	0.73	260.8	Lg	20:45:33.418	-0.7	T__			---			14745202	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML	: 1.6	1																			
A335A	0.80	36.3	Pg	20:45:24.784	-0.6	T__	7.5	0.1	---	MLv	2.0	14745203	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML	: 2.0	1																			
RONA	0.90	263.8	Pn	20:45:26.563	-0.1	T__		1.9	0.14	---		14745204	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	0.90	263.8	Lg	20:45:38.592	-1.3	T__		7.0	0.26	---		14745205	FDSN	IR	--	ISC	iLoc	???	???	_	
TIH	0.92	168.7	Pg	20:45:27.931	0.3	T__	3.7	0.3	---	MLv	2.4	14745206	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
TIH	0.92	168.7	Sn	20:45:42.024	1.5	T__			---			14745207	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML	: 2.4	1																			
JAVC	1.06	1.7	Pg	20:45:29.974	-0.3	T__	1.7	0.0	---	MLv	1.7	14745208	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
JAVC	1.06	1.7	Lg	20:45:44.988	0.0	T__			---			14745209	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML	: 1.7	1																			
VYHS	1.06	49.2	Pn	20:45:29.408	0.5	T__	2.9	0.0	---	MLv	0.9	14745210	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	1.06	49.2	Sn	20:45:44.167	0.3	T__			---			14745211	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML	: 0.9	0																			
CONA	1.19	276.6	Pn	20:45:32.016	1.2	T__	1.4	0.0	---	MLv	1.6	14745212	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
CONA	1.19	276.6	Sn	20:45:48.098	0.7	T__			---			14745213	FDSN	OE	--	BUD	iLoc	BHE	???	_	
CONA	1.19	276.6	Pg	20:45:31.059	-1.9	T__		0.6	0.22	---		14745214	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	1.19	276.6	Lg	20:45:47.743	-1.4	T__		0.7	0.22	---		14745215	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML	: 1.6	0																			
KRUC	1.50	327.4	Pn	20:45:36.177	1.3	T__	1.3	0.0	---	MLv	1.7	14745216	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML	: 1.7	1																			
ARSA	1.53	249.5	Lg	20:45:58.185	-1.1	T__			---			14745217	FDSN	OE	--	BUD	iLoc	BHE	???	_	
PSZ	1.53	84.9	Pg	20:45:38.051	-2.7	T__	1.3	0.0	---	MLv	1.8	14745218	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML	: 1.8	1																			
MORH	1.74	155.9	Pg	20:45:41.239	-1.9	T__	1.6	0.0	---	MLv	1.8	14745219	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/10/10	09:38:13.09	1.52	0.10	47.9266	19.4266	14.3	5.1	9	0.0S	6	4	154	0.29	0.69	m	kx	BUD	14745293	iLoc			226
2016/10/10	09:38:12.85f		0.39	47.8920	19.4049f				0.0S	6		167	0.26	0.71	a	kx	BUD_GT	14759323	BUD			235
(GT info : GT2 explosion)																						
(locality : BerceI)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.4	3 BUD	14745293
ML	1.3	0.4	3 BUD	14759323

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A270A	0.26	259.9	Pg	09:38:19.297	0.7					T__		0.4		---	MLv	14759788	FDSN	Z3	00	BUD	BUD	HHZ	HHZ	_
ET1H	0.31	92.2	Pg	09:38:19.784	-0.0					T__		0.1		---	MLv	14759789	FDSN	HU	--	BUD	BUD	HHN	HHZ	_
ET1H	0.31	92.2	Lg	09:38:25.029	-0.1					T__				---		14759790	FDSN	HU	--	BUD	BUD	HHN	???	_
PSZ	0.33	85.2	Pg	09:38:20.303	-0.0					T__		0.1		---	MLv	14759791	FDSN	GE	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.33	85.2	Lg	09:38:25.578	-0.4					T__				---		14759792	FDSN	GE	--	BUD	BUD	BHN	???	_
VYHS	0.71	327.9	Lg	09:38:37.381	-0.5					T__				---		14759793	FDSN	SK	--	BUD	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
2016/10/10	10:00:41.97	1.50	0.44	47.8509	19.1450	9.7	4.7	1	0.0S		7	4	179	0.09	0.68	m	kx BUD	14745314	iLoc			255

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.8	3 BUD	14745314

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
A270A	0.09	266.2	Pg	10:00:44.351	0.2					T__	145.2	3.5		---	MLv	2.1	14745316	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A270A	0.09	266.2	Lg	10:00:45.626	-0.3					T__				---		14745317	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 2.1 1																										
ET1H	0.49	86.4	Lg	10:01:00.515	0.1					T__				---		14745318	FDSN	HU	--	BUD	iLoc	HHN	???	_		
PSZ	0.51	82.1	Pg	10:00:53.250	0.2					T__	2.5	0.0		---	MLv	1.4	14745319	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.51	82.1	Lg	10:01:00.776	-0.6					T__				---		14745320	FDSN	GE	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.4 1																										
VYHS	0.68	342.3	Pg	10:00:55.951	0.3					T__	2.3	0.0		---	MLv	0.8	14745321	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.68	342.3	Lg	10:01:05.407	-0.4					T__				---		14745322	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	
2016/10/10	10:40:49.67	1.10	1.22	46.0796	17.3746	7.6	4.2	168	9.0F		7.5	16	11	142	0.10	1.10	m	ke BUD	14745336	iLoc			171

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	6 BUD	14745336

Sta	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	323.4	Pg	10:40:51.556	-0.9					T__	18.0	7.2		---	MLv	2.4	14745338	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.4 0																										
A273A	0.35	117.8	Lg	10:41:03.881	1.3					T__				---		14745339	FDSN	Z3	--	BUD	iLoc	HHN	???	_		
A265A	0.45	40.1	Pg	10:40:58.839	-0.2					T__	2.4	0.5		---	MLv	2.2	14745340	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A265A	0.45	40.1	Lg	10:41:05.682	-0.3					T__				---		14745341	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 2.2 1																										
KOVH	0.50	88.7	Pg	10:40:59.546	-0.6					T__	6.9	0.1		---	MLv	1.8	14745342	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	0.50	88.7	x	10:41:10.808	-99.0					---				---		14745343	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.8 1																										
A263A	0.56	355.8	Lg	10:41:10.788	1.1					T__				---		14745344	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
BEHE	0.57	313.5	Pg	10:41:00.701	-0.6					T__	3.4	0.3		---	MLv	2.3	14745345	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	

BEHE	0.57	313.5	x	10:41:11.811	-99.0	---	---	14745346	FDSN	HU	--	BUD	iLoc	BHN	???	_				
(Station ML : 2.3 1																				
KALN	0.64	274.9	Lg	10:41:11.320	-1.2	T__	---	14745347	FDSN	IR	--	ISC	iLoc	???	???	_				
MORH	0.89	80.8	Pn	10:41:07.098	-0.2	T__	3.2	0.1	---	MLv	1.7	14745348	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.89	80.8	Sn	10:41:21.323	0.2	T__	---	14745349	FDSN	HU	--	BUD	iLoc	BHE	???	_				
(Station ML : 1.7 0																				
LOBO	0.91	275.2	Pg	10:41:08.930	1.2	T__	---	14745350	FDSN	IR	--	ISC	iLoc	???	???	_				
LOBO	0.91	275.2	Lg	10:41:20.120	-0.7	T__	---	14745351	FDSN	IR	--	ISC	iLoc	???	???	_				
PTJ	1.00	260.5	Pg	10:41:10.980	1.5	T__	---	14745352	FDSN	IR	--	ISC	iLoc	???	???	_				
PTJ	1.00	260.5	Lg	10:41:21.480	-2.6	T__	---	14745353	FDSN	IR	--	ISC	iLoc	???	???	_				
MPLH	1.10	5.9	Pn	10:41:11.189	0.9	T__	3.4	0.1	---	MLv	2.0	14745354	FDSN	HU	--	BUD	iLoc	BHE	BHZ	_
MPLH	1.10	5.9	Lg	10:41:27.037	0.3	T__	---	14745355	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
2016/10/11	08:44:29.18	1.24	0.73	48.5819	20.7436	13.0	4.3	136	6.6F	10.9	12	6	164	0.20	1.27	m	ke	BUD	14745381	iLoc		198

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	14745381

Sta	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	240.2	Pg	08:44:32.997	-0.4					T__	33.3	1.9		---	MLv	2.1	14745383	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	240.2	Lg	08:44:36.945	0.3					T__				---		14745384	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.1 0																									
CRVS	0.57	55.7	Pg	08:44:40.191	0.1					T__	2.3	0.0		---	MLv	0.8	14745385	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	55.7	Lg	08:44:48.719	-0.7					T__				---		14745386	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.8 0																									
PSZ	0.87	220.8	Pn	08:44:47.347	0.1					T__	2.5	0.0		---	MLv	1.6	14745387	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	220.8	Lg	08:45:00.146	-0.4					T__				---		14745388	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
STHS	0.90	21.3	Pg	08:44:45.900	0.2					T__		0.1		---		14745389	FDSN	IR	--	ISC	iLoc	???	???	_	
STHS	0.90	21.3	Lg	08:44:59.200	-0.1					T__		0.1		---		14745390	FDSN	IR	--	ISC	iLoc	???	???	_	
ET1H	0.91	220.0	Pn	08:44:48.025	0.5					T__	2.5	0.0		---	MLv	1.5	14745391	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	220.0	Lg	08:45:02.327	0.8					T__				---		14745392	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.5 1																									
VYHS	1.27	266.7	Pn	08:44:53.503	0.9					T__	1.8	0.0		---	MLv	1.0	14745393	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.27	266.7	Sn	08:45:09.794	-1.3					T__				---		14745394	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
2016/10/12	08:23:13.56	1.59	0.32	48.9962	19.3462	14.0	6.0	21	6.1F	0.5	8	5	179	0.61	1.41	m	ke	BUD	14745445	iLoc		220

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.7	3 BUD	14745445

Sta	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	214.1	Pg	08:23:25.817	0.0					T__	2.7	0.0		---	MLv	0.9	14745447	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 0.9 1																									
KECS	0.91	123.8	Pg	08:23:31.791	0.2					T__	2.3	0.2		---	MLv	2.2	14745448	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.91	123.8	Lg	08:23:44.684	-0.5					T__				---		14745449	FDSN	SK	--	BUD	iLoc	EHN	???	_	

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(Station ML : 2.2 1
JAVC 1.11 263.6 Pg 08:23:35.709 0.2 T__ --- 14745450 FDSN CZ -- BUD iLoc BHZ ??? _
JAVC 1.11 263.6 Sn 08:23:51.782 0.1 T__ --- 14745451 FDSN CZ -- BUD iLoc BHE ??? _
PSZ 1.14 161.1 Pg 08:23:37.520 0.3 T__ 1.8 0.0 --- MLv 1.7 14745452 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 1.14 161.1 Sn 08:23:52.697 0.1 T__ --- 14745453 FDSN GE -- BUD iLoc BHE ??? _
(Station ML : 1.7 1
MORC 1.41 304.2 Sn 08:23:59.067 -0.2 T__ --- 14745454 FDSN CZ -- 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
2016/10/12	13:09:07.40	0.20	0.37	46.0317	21.8767	2.6	1.5	100	14.0F	2.4	13	125	0.28	1.45	a	ke	BUC	14627782	ISC			360
2016/10/12	13:09:07.52	0.82	0.77	46.0397	21.8525	6.5	3.7	94	12.6F	11.0	27	7 130	0.26	1.47	m	ke	BUD	14745509	iLoc			198

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Magnitude Err Nsta Author OrigID
ml 1.5 BUC 14627782
ML 1.5 0.3 4 BUD 14745509

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Sta	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	0.26	329.8	Pg	13:09:14.104	0.6					T__	6.6	0.1		MLv	1.1	14745511	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
SIRR	0.26	329.8	Lg	13:09:18.430	0.4					T__						14745512	FDSN	RO	--	BUD	iLoc	BHE	???	_		
SIRR	0.26	329.6	Pb	13:09:13.629	0.1					T__						14745513	FDSN	IR	--	ISC	iLoc	???	???	_		
SIRR	0.26	329.6	Pb	13:09:13.629	0.1					T__		0.1				14745514	FDSN	IR	--	ISC	iLoc	???	???	_		
SIRR	0.26	329.6	Sg	13:09:17.791	-0.3					T__		0.1				14745515	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.1 1																										
BZS	0.45	199.5	Pg	13:09:16.635	0.0					T__	3.2	0.1		MLv	1.4	14745516	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
BZS	0.45	199.5	Lg	13:09:22.884	-0.4					T__						14745517	FDSN	RO	--	BUD	iLoc	BHE	???	_		
BZS	0.45	201.4	Sg	13:09:22.370	-1.1					T__						14745518	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.4 1																										
GZR	0.92	134.6	Pg	13:09:25.041	-0.1					T__						14745519	FDSN	IR	--	ISC	iLoc	???	???	_		
GZR	0.92	134.6	Pg	13:09:25.041	-0.1					T__		0.1				14745520	FDSN	IR	--	ISC	iLoc	???	???	_		
GZR	0.92	134.6	Pn	13:09:26.524	1.5					T__	3.2	0.0		MLv	1.7	14745521	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
GZR	0.92	134.6	Lg	13:09:37.233	-1.0					T__		0.1				14745522	FDSN	IR	--	ISC	iLoc	???	???	_		
GZR	0.92	134.6	Sn	13:09:39.878	0.9					T__						14745523	FDSN	RO	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.7 1																										
DRGR	0.96	38.0	Pn	13:09:25.268	-0.7					T__						14745524	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR	0.96	38.0	Sn	13:09:38.931	-1.6					T__						14745526	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR	0.96	38.0	Pg	13:09:27.951	1.3					T__	1.7	0.1		MLv	1.7	14745527	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
DRGR	0.96	38.0	Lg	13:09:40.915	-0.8					T__						14745528	FDSN	RO	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.7 1																										
HERR	1.22	160.9	Pn	13:09:29.928	0.6					T__						14745529	FDSN	IR	--	ISC	iLoc	???	???	_		
HERR	1.22	160.9	Sn	13:09:46.761	0.2					T__						14745531	FDSN	IR	--	ISC	iLoc	???	???	_		
MDVR	1.26	184.5	Pn	13:09:29.838	-0.2					T__						14745532	FDSN	IR	--	ISC	iLoc	???	???	_		
MDVR	1.26	184.5	Sn	13:09:48.328	0.5					T__						14745534	FDSN	IR	--	ISC	iLoc	???	???	_		
LOT	1.47	113.1	Sn	13:09:53.597	0.3					T__						14745535	FDSN	IR	--	ISC	iLoc	???	???	_		
LOT	1.47	113.2	Lg	13:09:56.531	0.0					T__						14745537	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
2016/10/14	08:11:15.41	2.68	0.44	47.0496	18.0694	9.6	5.8	146	0.6F	5.3	11	6 100	0.19	1.51	m	ke	BUD	14745675	iLoc			162

Magnitude Err Nsta Author OrigID  
ML 1.8 0.3 5 BUD 14745675

Sta	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	219.8	Pg	08:11:19.988	0.3					T__	6.5	1.4		___	MLv	2.0	14745677	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
TIH	0.19	219.8	Lg	08:11:22.050	-0.9					T__				---		14745678	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.0 1																										
CSKK	0.34	22.5	Pg	08:11:22.176	-0.3					T__	2.9	1.2		___	MLv	2.3	14745679	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
CSKK	0.34	22.5	Lg	08:11:28.296	0.4					T__				---		14745680	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.3 0																										
MPLH	0.38	288.6	Pg	08:11:23.358	0.0					T__	3.9	0.1		___	MLv	1.5	14745681	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.38	288.6	Lg	08:11:29.110	-0.2					T__				---		14745682	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.5 0																										
MORH	0.92	154.4	Pn	08:11:34.245	-0.1					T__	1.2	0.0		___	MLv	1.5	14745683	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	0.92	154.4	Lg	08:11:47.233	-0.3					T__				---		14745684	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.5 1																										
KOVH	0.96	178.7	Pn	08:11:35.314	0.3					T__	2.8	0.1		___	MLv	1.8	14745685	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	0.96	178.7	Lg	08:11:49.173	0.0					T__				---		14745686	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.8 1																										
PSZ	1.51	54.3	Sn	08:12:04.310	0.1					T__				---		14745687	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  
2016/10/15 01:49:47.50 1.63 0.45 47.3438 18.1863 13.0 11.0 9 10.0A 5 3 180 0.05 1.17 m ke BUD 14745709 iLoc 275

Magnitude Err Nsta Author OrigID  
ML 1.7 0.6 3 BUD 14745709

Sta	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	68.9	Pg	01:49:49.837	-0.0					T__	6.6	4.9		___	MLv	2.1	14745711	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
CSKK	0.05	68.9	Lg	01:49:51.541	-0.2					T__				---		14745712	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.1 1																										
MPLH	0.47	248.7	Pg	01:49:57.105	-0.1					T__	1.5	0.0		___	MLv	1.2	14745713	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 1.2 1																										
MORH	1.17	164.2	Pg	01:50:10.227	-0.3					T__	1.6	0.0		___	MLv	1.7	14745714	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	1.17	164.2	Sn	01:50:25.890	0.5					T__				---		14745715	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  
2016/10/15 01:54:36.29 1.19 0.43 47.3246 18.1802 8.4 6.8 167 3.8F 10.0 9 5 109 0.07 1.25 m ke BUD 14745729 iLoc 196

Magnitude Err Nsta Author OrigID  
ML 1.4 0.7 4 BUD 14745729

Sta	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	54.7	Pg	01:54:38.032	-0.1					T__	11.2	5.6		___	MLv	2.2	14745731	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
CSKK	0.07	54.7	Lg	01:54:39.640	0.1					T__				---		14745732	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 2.2 1																										
A268A	0.20	301.6	Pg	01:54:40.878	0.2					T__	2.2	0.1		___	MLv	0.7	14745733	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A268A	0.20	301.6	Lg	01:54:43.334	-0.7					T__				---		14745734	FDSN	Z3	00	BUD	iLoc	HHN	???	_		



```

(Station ML : 0.7 1
MPLH 0.46 250.8 Pg 01:54:45.606 -0.1 T__ 1.8 0.0 ___ MLv 1.3 14745735 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.46 250.8 Lg 01:54:52.907 0.3 T__ ___ 14745736 FDSN HU -- BUD iLoc BHN ??? _
(Station ML : 1.3 1
MORH 1.15 163.8 Pn 01:54:58.278 0.3 T__ 1.3 0.0 ___ MLv 1.6 14745737 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 1.15 163.8 Sn 01:55:14.455 -0.5 T__ ___ 14745738 FDSN HU -- BUD iLoc BHZ ??? _
(Station ML : 1.6 1
VYHS 1.25 20.4 Sn 01:55:17.333 0.0 T__ ___ 14745739 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
2016/10/16 02:46:47.33 2.63 1.13 47.2729 18.3895 19.1 8.9 110 0.0A 5 4 209 0.13 1.26 m ke BUD 14745757 iLoc 266

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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 0.13 315.9 Pg 02:46:50.562 0.1 T__ 12.0 2.1 ___ MLv 2.0 14745759 FDSN HU -- BUD iLoc SHZ SHZ _
CSKK 0.13 315.9 Lg 02:46:52.074 -1.0 T__ ___ 14745760 FDSN HU -- BUD iLoc SHN ??? _
TIH 0.51 222.8 Lg 02:47:04.971 -0.8 T__ ___ 14745761 FDSN HU -- BUD iLoc SHN ??? _
MPLH 0.59 260.3 Lg 02:47:09.345 0.8 T__ ___ 14745762 FDSN HU -- BUD iLoc BHN ??? _
VYHS 1.26 13.7 Sn 02:47:30.250 0.5 T__ ___ 14745763 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
2016/10/16 17:44:49.87 0.92 0.60 46.0979 17.0950 5.2 3.1 153 14.5F 8.5 29 16 115 0.15 1.28 m ke BUD 14745765 iLoc 141

```

Magnitude Err Nsta Author OrigID

ML 1.9 0.4 11 BUD 14745765

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Sta 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 65.4 Pg 17:44:54.109 0.1 T__ 3.1 0.3 ___ MLv 1.2 14745767 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.15 65.4 Lg 17:44:57.542 0.4 T__ ___ 14745768 FDSN Z3 00 BUD iLoc HHN ??? _
(Station ML : 1.2 0
BEHE 0.43 329.4 Pg 17:44:59.049 -0.0 T__ 2.7 0.1 ___ MLv 1.6 14745769 FDSN HU -- BUD iLoc BHZ BHZ _
BEHE 0.43 329.4 Lg 17:45:05.056 -0.7 T__ ___ 14745770 FDSN HU -- BUD iLoc BHE ??? _
(Station ML : 1.6 1
KALN 0.45 274.5 Pg 17:44:59.720 0.3 T__ ___ 14745771 FDSN IR -- ISC iLoc ??? ??? _
MOSL 0.54 206.3 Pg 17:45:00.250 -0.8 T__ ___ 14745772 FDSN IR -- ISC iLoc ??? ??? _
A263A 0.56 15.6 Pg 17:45:02.465 1.0 T__ 7.1 0.3 ___ MLv 2.3 14745773 FDSN Z3 00 BUD iLoc HHZ HHZ _
A263A 0.56 15.6 Lg 17:45:09.324 -0.5 T__ ___ 14745774 FDSN Z3 00 BUD iLoc HHE ??? _
(Station ML : 2.3 1
A265A 0.59 55.8 Pg 17:45:01.342 -0.6 T__ 3.3 0.3 ___ MLv 2.2 14745775 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Station ML : 2.2 1
KOGS 0.68 301.2 Pg 17:45:04.080 0.6 T__ 3.4 0.4 ___ MLv 2.5 14745776 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.68 301.2 Lg 17:45:14.107 0.8 T__ ___ 14745777 FDSN SL -- BUD iLoc BHE ??? _
(Station ML : 2.5 0
KOVH 0.70 90.4 Pn 17:45:05.007 0.6 T__ 4.9 0.1 ___ MLv 1.9 14745778 FDSN HU -- BUD iLoc BHZ BHZ _
KOVH 0.70 90.4 Sn 17:45:15.928 0.0 T__ ___ 14745779 FDSN HU -- BUD iLoc BHE ??? _
(Station ML : 1.9 1
LOBO 0.72 274.9 Pg 17:45:04.440 0.2 T__ ___ 14745780 FDSN IR -- ISC iLoc ??? ??? _

```

LOBO	0.72	274.9	Lg	17:45:15.160	0.6	T__									14745781	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	0.81	256.8	Pg	17:45:05.968	0.1	T__	1.6	0.1	---	MLv	1.7	14745782	FDSN	CR				--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.81	256.8	Lg	17:45:16.281	-1.1	T__			---			14745783	FDSN	CR				--	BUD	iLoc	BHN	???	_
PTJ	0.81	256.7	Pb	17:45:05.850	-0.3	T__			---			14745784	FDSN	IR				--	ISC	iLoc	???	???	_
(Station ML : 1.7 1																							
A255A	0.94	231.5	Pg	17:45:09.070	0.9	T__			---			14745785	FDSN	IR				--	ISC	iLoc	???	???	_
A255A	0.94	231.5	Lg	17:45:21.290	-0.0	T__			---			14745786	FDSN	IR				--	ISC	iLoc	???	???	_
TIH	0.97	34.0	Pg	17:45:08.606	-0.5	T__	3.1	0.2	---	MLv	2.3	14745787	FDSN	HU				--	BUD	iLoc	SHZ	SHZ	_
TIH	0.97	34.0	Lg	17:45:22.539	-0.2	T__			---			14745788	FDSN	HU				--	BUD	iLoc	SHE	???	_
(Station ML : 2.3 1																							
MORH	1.08	83.2	Pn	17:45:10.036	0.4	T__	1.5	0.0	---	MLv	1.5	14745789	FDSN	HU				--	BUD	iLoc	BHZ	BHZ	_
MORH	1.08	83.2	Lg	17:45:27.055	0.4	T__			---			14745790	FDSN	HU				--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 0																							
MPLH	1.12	15.8	Pn	17:45:09.418	-0.8	T__	2.3	0.0	---	MLv	1.7	14745791	FDSN	HU				--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.12	15.8	Sn	17:45:26.149	0.0	T__			---			14745792	FDSN	HU				--	BUD	iLoc	BHE	???	_
(Station ML : 1.7 1																							
CRES	1.17	257.2	Pn	17:45:11.127	-0.0	T__	1.4	0.2	---	MLv	2.3	14745793	FDSN	SL				--	BUD	iLoc	BHZ	BHZ	_
CRES	1.17	257.2	Lg	17:45:28.939	0.1	T__			---			14745794	FDSN	SL				--	BUD	iLoc	BHE	???	_
(Station ML : 2.3 0																							
A267A	1.28	48.0	Lg	17:45:33.523	0.9	T__			---			14745795	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
2016/10/19	07:34:55.05	0.94	0.73	47.8483	16.7448	6.1	2.7	113	0.0F	0.0	8	2	0.34	0.60	a	ke	VIE	14627963	ISC			360
2016/10/19	07:34:35.23	1.26	0.52	48.4077	19.1139	5.9	4.2	25	4.7F	10.0	14	9	121	0.19	1.72	m	ke	BUD	14745886	iLoc		169

Magnitude	Err	Nsta	Author	OrigID
mb	1.0		VIE	14627963
ml	1.2		VIE	14627963
ML	1.9	0.2	6 BUD	14745886

Sta	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	0.19	203.8	Pg	07:34:39.533	0.3				T__	97.7		3.0		---	MLv	2.3	14745888	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.19	203.8	Lg	07:34:42.378	0.1				T__					---		14745889	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Station ML : 2.3 0																									
VYHS	0.20	295.1	Pg	07:34:39.506	-0.0				T__	36.7	0.1			---	MLv	1.0	14745890	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.20	295.1	Lg	07:34:42.674	-0.1				T__					---		14745891	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.0 0																									
A335A	0.52	274.6	Pg	07:34:45.488	-0.2				T__	5.6	0.1			---	MLv	1.9	14745892	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.9 1																									
PSZ	0.72	132.9	Pg	07:34:50.238	-0.1				T__	2.5	0.1			---	MLv	1.6	14745893	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.72	132.9	Lg	07:35:00.190	-1.3				T__					---		14745894	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
KECS	0.92	84.8	Pg	07:34:53.587	0.3				T__	2.3	0.1			---	MLv	2.2	14745895	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.92	84.8	Lg	07:35:07.487	0.6				T__					---		14745896	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.2 1																									
JAVC	1.06	295.8	Pg	07:34:56.444	0.3				T__	2.0	0.1			---	MLv	1.8	14745897	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	1.06	295.8	Sn	07:35:11.976	0.1				T__					---		14745898	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
CSKK	1.19	209.1	Sn	07:35:15.209	0.4				T__					---		14745899	FDSN	HU	--	BUD	iLoc	SHN	???	_	
EGYH	1.56	231.1	Sn	07:35:23.870	0.2				T__					---		14745900	FDSN	HU	--	BUD	iLoc	SHN	???	_	
MORC	1.72	323.6	Sn	07:35:27.782	-0.5				T__					---		14745901	FDSN	CZ	--	BUD	iLoc	BHE	???	_	

RONA	2.02	250.5	Pn	07:35:01.676	-7.6	---	1.1	0.22	---	14745902	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	2.02	250.5	Sn	07:35:06.515	-28.5	---	3.2	0.18	---	14745903	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	2.23	258.8	Pn	07:35:06.140	-6.1	---	0.3	0.14	---	14745904	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	2.23	258.8	Sn	07:35:13.662	-26.6	---	2.8	0.38	---	14745905	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
2016/10/19	08:16:03.06	1.20	0.69	48.6129	20.7244	7.6	4.0	136	4.8F	14.9	12	6	152	0.20	0.93	m	ke BUD	14745935	iLoc			188

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	14745935

Sta	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	230.8	Pg	08:16:07.269	-0.1					T__	11.0	0.7		---	MLv	1.7	14745937	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	230.8	Lg	08:16:11.285	0.6					T__				---		14745938	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.7 1																									
ABAH	0.47	132.5	Pg	08:16:12.430	0.1					T__	2.3	0.1		---	MLv	1.4	14745939	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.47	132.5	Lg	08:16:19.210	-0.8					T__				---		14745940	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.4 1																									
CRVS	0.57	59.0	Pg	08:16:13.960	0.2					T__	2.1	0.0		---	MLv	0.8	14745941	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	59.0	Lg	08:16:22.075	-1.0					T__				---		14745942	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.8 0																									
STHS	0.87	22.8	Pg	08:16:18.684	-0.5					T__	2.8	0.1		---	MLv	1.8	14745943	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	0.87	22.8	Lg	08:16:32.120	-0.2					T__				---		14745944	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 1.8 0																									
PSZ	0.89	218.9	Pn	08:16:21.549	0.0					T__	1.9	0.0		---	MLv	1.6	14745945	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.89	218.9	Lg	08:16:34.369	-0.6					T__				---		14745946	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
MASL	0.93	64.1	Pn	08:16:22.765	0.6					T__				---		14745947	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
MASL	0.93	64.1	Lg	08:16:35.930	0.8					T__				---		14745948	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	
2016/10/19	13:55:26.47	1.32	0.63	48.3301	19.8444	6.4	5.2	169	2.2F	13.7	12	7	115	0.41	1.81	m	ke BUD	14745970	iLoc				224

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	6 BUD	14745970

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.41	175.3	Pg	13:55:35.342	-0.1					T__	15.5	0.3		---	MLv	2.0	14745972	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.41	175.3	Lg	13:55:42.155	0.1					T__				---		14745973	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
KECS	0.45	70.0	Pg	13:55:35.322	-0.2					T__	9.9	0.6		---	MLv	2.3	14745974	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.45	70.0	Lg	13:55:41.999	-0.4					T__				---		14745975	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.3 0																									
VYHS	0.69	284.1	Pg	13:55:40.357	0.0					T__	5.1	0.0		---	MLv	1.1	14745976	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	284.1	Lg	13:55:49.974	-0.5					T__				---		14745977	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.1 0																									
ABAH	0.93	91.6	Pn	13:55:46.404	0.8					T__	3.5	0.1		---	MLv	2.0	14745978	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.93	91.6	Lg	13:55:59.535	-0.1					T__				---		14745979	FDSN	HU	--	BUD	iLoc	HHZ	???	_	

```

(Station ML : 2.0 1
CRVS 1.22 61.3 Pn 13:55:50.673 0.9 T__ 3.5 0.0 ___ MLv 1.4 14745980 FDSN SK -- BUD iLoc HHZ HHZ _
CRVS 1.22 61.3 Sn 13:56:07.256 -1.0 T__ ___ 14745981 FDSN SK -- BUD iLoc HHN ??? _
(Station ML : 1.4 1
STHS 1.43 39.8 Lg 13:56:14.500 0.4 T__ ___ 14745982 FDSN IR -- ISC iLoc ??? ??? _
TRPA 1.81 95.3 Pn 13:55:58.148 -0.1 T__ 2.3 0.0 ___ MLv 2.1 14745983 FDSN HU -- BUD iLoc BHZ BHZ _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2016/10/20 10:41:27.60 1.18 0.81 48.5564 20.7683 7.3 3.7 151 4.6F 12.0 14 8 111 0.20 1.29 m ke BUD 14746009 iLoc 154

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Magnitude Err Nsta Author OrigID
ML 1.4 0.4 6 BUD 14746009

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Sta 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 0.20 248.8 Pg 10:41:31.522 -0.3 T__ 14.4 0.8 ___ MLv 1.7 14746011 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.20 248.8 Lg 10:41:35.648 0.6 T__ ___ 14746012 FDSN SK -- BUD iLoc EHN ??? _
(Station ML : 1.7 1
ABAH 0.41 129.5 Pg 10:41:36.230 0.5 T__ 2.2 0.1 ___ MLv 1.2 14746013 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.41 129.5 Lg 10:41:43.228 0.7 T__ ___ 14746014 FDSN HU -- BUD iLoc HHN ??? _
(Station ML : 1.2 1
CRVS 0.57 52.7 Pg 10:41:38.432 -0.0 T__ 2.1 0.0 ___ MLv 0.9 14746015 FDSN SK -- BUD iLoc HHZ HHZ _
CRVS 0.57 52.7 Lg 10:41:46.444 -1.4 T__ ___ 14746016 FDSN SK -- BUD iLoc HHN ??? _
(Station ML : 0.9 0
PSZ 0.87 222.8 Pg 10:41:44.895 -0.8 T__ 2.3 0.0 ___ MLv 1.5 14746017 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.87 222.8 Lg 10:41:58.298 -0.5 T__ ___ 14746018 FDSN GE -- BUD iLoc BHE ??? _
(Station ML : 1.5 1
STHS 0.92 19.8 Pg 10:41:45.345 0.9 T__ 3.1 0.1 ___ MLv 1.9 14746019 FDSN SK -- BUD iLoc EHZ EHZ _
(Station ML : 1.9 0
MASL 0.93 60.2 Pn 10:41:46.618 -0.1 T__ ___ 14746020 FDSN SK -- BUD iLoc EHZ ??? _
MASL 0.93 60.2 Lg 10:41:59.524 -0.2 T__ ___ 14746021 FDSN SK -- BUD iLoc EHN ??? _
KOLS 1.07 68.7 Lg 10:42:03.584 -1.1 T__ ___ 14746022 FDSN SK -- BUD iLoc HHE ??? _
VYHS 1.29 267.9 Pn 10:41:52.226 0.8 T__ 1.9 0.0 ___ MLv 1.0 14746023 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 267.9 Sn 10:42:10.140 -0.1 T__ ___ 14746024 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
2016/10/21 08:35:54.67 1.26 0.87 47.1161 17.9570 7.5 5.5 115 4.7F 16.5 9 5 118 0.22 1.03 m ke BUD 14746179 iLoc 231

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Magnitude Err Nsta Author OrigID
ML 1.5 0.5 4 BUD 14746179

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
TIH 0.22 192.4 Pg 08:35:58.835 -0.6 T__ 2.2 0.3 ___ MLv 1.4 14746181 FDSN HU -- BUD iLoc SHZ SHZ _
TIH 0.22 192.4 Lg 08:36:04.122 1.1 T__ ___ 14746182 FDSN HU -- BUD iLoc SHN ??? _
(Station ML : 1.4 1
MPLH 0.29 280.9 Pg 08:36:00.919 0.2 T__ 2.7 0.0 ___ MLv 0.8 14746183 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.29 280.9 Lg 08:36:04.677 -0.6 T__ ___ 14746184 FDSN HU -- BUD iLoc BHN ??? _
(Station ML : 0.8 1
CSKK 0.32 39.8 Pg 08:36:01.956 0.6 T__ 3.2 0.7 ___ MLv 2.0 14746185 FDSN HU -- BUD iLoc SHZ SHZ _

```

CSKK	0.32	39.8	Lg	08:36:05.283	-1.1				T__					14746186	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.0 1																							
MORH	1.02	152.0	Pn	08:36:14.588	0.2				T__	1.8	0.0		MLv	1.6	14746187	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.02	152.0	Lg	08:36:29.144	-0.4				T__						14746188	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.6 1																							
KOVH	1.03	174.5	Lg	08:36:29.908	-0.3				T__						14746189	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
2016/10/21	09:37:33.50	2.07	0.44	48.5744	20.7630	19.0	6.0	5	0.0A		7	4	223	0.21	1.28	m	ke BUD	14746207	iLoc			314

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.5	4 BUD	14746207

Sta	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	243.8	Pg	09:37:37.342	-0.5				T__	24.5		1.7			MLv	2.1	14746209	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	243.8	Lg	09:37:41.613	0.5				T__							14746210	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.1 1																									
ABAH	0.42	131.1	Pg	09:37:42.247	0.1				T__	2.5		0.1			MLv	1.3	14746211	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	131.1	Lg	09:37:48.895	-0.5				T__							14746212	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.3 1																									
PSZ	0.88	221.8	Pn	09:37:52.699	0.3				T__	2.2		0.0			MLv	1.7	14746213	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	221.8	Lg	09:38:05.511	-0.1				T__							14746214	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
VYHS	1.28	267.1	Pn	09:37:58.032	0.1				T__	1.2		0.0			MLv	0.9	14746215	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
2016/10/23	23:35:36.08	1.37	0.48	47.9448	19.4487	6.2	4.4	2	4.0F	26.1	11	7	117	0.30	1.25	m	ke BUD	14746233	iLoc			156

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	4 BUD	14746233

Sta	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	94.9	Pg	23:35:42.767	0.0				T__	3.0		0.1			MLv	1.0	14746235	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.30	94.9	Lg	23:35:47.846	0.0				T__							14746236	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.0 1																									
A270A	0.31	251.1	Pg	23:35:42.732	0.2				T__	2.3		0.1			MLv	1.1	14746237	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A270A	0.31	251.1	Lg	23:35:47.741	0.4				T__							14746238	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.1 1																									
A336A	0.42	313.9	Pg	23:35:44.808	0.3				T__	2.9		0.1			MLv	1.4	14746239	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.42	313.9	Lg	23:35:50.245	-0.5				T__							14746240	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Station ML : 1.4 1																									
BUD	0.54	212.0	Lg	23:35:55.191	-0.7				T__							14746241	FDSN	HU	--	BUD	iLoc	BHE	???	_	
VYHS	0.69	323.5	Pg	23:35:50.103	0.3				T__	1.1		0.0			MLv	0.9	14746242	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_
VYHS	0.69	323.5	Lg	23:35:59.272	-0.7				T__							14746243	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.9 1																									
KECS	0.88	51.8	Lg	23:36:06.498	0.0				T__							14746244	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ABAH	1.25	73.0	Lg	23:36:19.779	-0.1				T__							14746245	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
2016/10/24	09:40:57.95	1.18	1.07	48.5720	20.7742	6.6	3.6	155	4.6F	10.8	16	9	112	0.21	1.29	m	ke BUD	14746263	iLoc			146

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	7 BUD	14746263

Sta	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	245.2	Pg	09:41:01.775	-0.6					T__	20.9	1.4		___	MLv	2.0	14746265	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	245.2	Lg	09:41:05.887	0.2					T__				___		14746266	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.0 0)																									
ABAH	0.42	131.5	Pg	09:41:06.159	-0.1					T__	3.8	0.1		___	MLv	1.5	14746267	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	131.5	Lg	09:41:12.670	-0.5					T__				___		14746268	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Station ML : 1.5 1)																									
CRVS	0.56	53.8	Pg	09:41:08.730	0.1					T__	3.0	0.0		___	MLv	1.0	14746269	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.56	53.8	Lg	09:41:15.839	-1.9					T__				___		14746270	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.0 0)																									
PSZ	0.88	222.3	Pg	09:41:16.766	0.4					T__	1.7	0.1		___	MLv	1.8	14746271	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	222.3	Lg	09:41:28.386	-1.3					T__				___		14746272	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1)																									
STHS	0.90	19.9	Pg	09:41:14.882	0.3					T__	4.4	0.1		___	MLv	2.0	14746273	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.0 1)																									
MASL	0.92	61.0	Pn	09:41:17.221	0.3					T__				___		14746274	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
MASL	0.92	61.0	Lg	09:41:30.199	0.5					T__				___		14746275	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	1.06	69.4	Lg	09:41:34.063	-0.6					T__				___		14746276	FDSN	SK	--	BUD	iLoc	HHE	???	_	
TRPA	1.26	109.9	Pn	09:41:23.665	2.0					T__	1.7	0.1		___	MLv	1.9	14746277	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	1.26	109.9	Sn	09:41:38.901	-1.6					T__				___		14746278	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.9 1)																									
VYHS	1.29	267.3	Pn	09:41:22.446	0.6					T__	1.6	0.0		___	MLv	1.2	14746279	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	267.3	Sn	09:41:40.723	-0.0					T__				___		14746280	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
2016/10/25	07:49:18.59	1.57	0.98	47.9353	20.0429	16.3	4.8	162	4.1F	14.0	8	4	195	0.10	0.98	m	kx BUD	14746310	iLoc			239
2016/10/25	07:49:17.66f		0.81	47.8987	20.0893f				0.0S		8		216	0.13	1.03	a	kx BUD_GT	14759325	BUD			254

(locality : Recsk)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	4 BUD	14746310
ML	1.9	0.2	4 BUD	14759325

Sta	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	07:49:21.245	0.1					T__		2.3		___	MLv	14759796	FDSN	GE	--	BUD	BUD	BHN	BHZ	_
PSZ	0.13	278.6	Lg	07:49:23.533	-0.4					T__				___		14759797	FDSN	GE	--	BUD	BUD	BHN	???	_
KECS	0.64	24.2	Pg	07:49:31.764	1.2					T__		0.2		___	MLv	14759798	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.64	24.2	Lg	07:49:39.470	-0.9					T__				___		14759799	FDSN	SK	--	BUD	BUD	EHN	???	_
ABAH	0.87	62.3	Pn	07:49:36.171	-0.1					T__		0.1		___	MLv	14759800	FDSN	HU	--	BUD	BUD	HHN	HHZ	_
ABAH	0.87	62.3	Lg	07:49:48.646	-0.6					T__				___		14759801	FDSN	HU	--	BUD	BUD	HHE	???	_
VYHS	1.03	305.9	Pg	07:49:38.238	-0.1					T__		0.0		___	MLv	14759802	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_

VVHS 1.03 305.9 Lg 07:49:51.879 -1.6 T\_\_ --- 14759803 FDSN SK -- BUD 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  
 2016/10/25 09:30:44.63 1.24 0.52 48.5515 20.7828 7.3 4.0 154 2.9F 13.8 12 8 110 0.21 1.30 m ke BUD 14746337 iLoc 155

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.5 4 BUD 14746337

Sta	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	251.0	Pg	09:30:48.513	-0.4				T__		35.8	1.6		___	MLv	2.1	14746339	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.21	251.0	Lg	09:30:52.728	0.5				T__					---		14746340	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Station ML : 2.1 1																										
ABAH	0.40	129.9	Pg	09:30:52.935	0.4				T__		2.6	0.1		___	MLv	1.2	14746341	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.40	129.9	Lg	09:30:58.161	-1.0				T__					---		14746342	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Station ML : 1.2 1																										
CRVS	0.57	51.8	Pg	09:30:55.349	-0.1				T__		2.5	0.0		___	MLv	0.9	14746343	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 0.9 1																										
PSZ	0.87	223.5	Pg	09:31:02.917	0.1				T__		1.8	0.0		___	MLv	1.6	14746344	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.87	223.5	Lg	09:31:16.411	0.2				T__					---		14746345	FDSN	GE	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.6 1																										
STHS	0.92	19.1	Lg	09:31:15.176	-0.2				T__					---		14746346	FDSN	SK	--	BUD	iLoc	EHN	???	_		
MASL	0.93	59.7	Pn	09:31:04.163	0.3				T__					---		14746347	FDSN	SK	--	BUD	iLoc	EHE	???	_		
MASL	0.93	59.7	Lg	09:31:16.978	0.4				T__					---		14746348	FDSN	SK	--	BUD	iLoc	EHE	???	_		
KOLS	1.06	68.3	Lg	09:31:21.138	-0.3				T__					---		14746349	FDSN	SK	--	BUD	iLoc	HHN	???	_		
VVHS	1.30	268.2	Sn	09:31:27.494	-0.4				T__					---		14746350	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  
 2016/10/26 09:25:15.31 1.48 0.67 47.1185 18.0059 8.3 6.8 98 3.4F 19.4 8 5 118 0.23 1.03 m ke BUD 14746368 iLoc 234

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.4 4 BUD 14746368

Sta	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	200.3	Pg	09:25:20.245	-0.0				T__		5.1	0.6		___	MLv	1.7	14746370	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
TIH	0.23	200.3	Lg	09:25:24.169	0.2				T__					---		14746371	FDSN	HU	--	BUD	iLoc	SHN	???	_		
(Station ML : 1.7 1																										
CSKK	0.30	35.2	Pg	09:25:21.527	-0.0				T__		4.0	0.9		___	MLv	2.1	14746372	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_	
(Station ML : 2.1 1																										
MPLH	0.32	279.4	Pg	09:25:22.110	0.1				T__		3.2	0.1		___	MLv	1.0	14746373	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.32	279.4	Lg	09:25:26.388	-0.5				T__					---		14746374	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.0 1																										
MORH	1.00	153.8	Lg	09:25:49.866	0.0				T__					---		14746375	FDSN	HU	--	BUD	iLoc	BHN	???	_		
KOVH	1.03	176.4	Pn	09:25:35.935	0.4				T__		2.4	0.0		___	MLv	1.5	14746376	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	1.03	176.4	Lg	09:25:49.801	-1.1				T__					---		14746377	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

2016/10/27 10:00:45.41 1.26 0.72 48.3583 20.6828 25.4 5.4 22 0.0A 6 3 177 0.18 1.24 m ke BUD 14746405 iLoc 323

Magnitude Err Nsta Author OrigID  
ML 1.2 0.3 3 BUD 14746405

Sta	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	313.7	Pg	10:00:48.919	-0.4					T__	13.4	0.9		___	MLv	1.7	14746407	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.18	313.7	Lg	10:00:52.810	0.5					T__				___		14746408	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.7 1																									
ABAH	0.38	99.3	Pg	10:00:53.459	0.3					T__	1.4	0.1		___	MLv	1.2	14746409	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	99.3	Lg	10:00:59.158	-0.6					T__				___		14746410	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.2 1																									
VVHS	1.24	277.0	Pn	10:01:09.640	0.5					T__	1.1	0.0		___	MLv	1.0	14746411	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	1.24	277.0	Sn	10:01:27.135	-0.7					T__				___		14746412	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  
2016/10/28 02:59:20.79 1.37 1.55 47.0506 21.1812 4.1 3.7 82 7.1F 9.7 31 15 46 0.59 1.99 m ke BUD 14746426 iLoc 87

Magnitude Err Nsta Author OrigID  
ML 2.1 0.1 9 BUD 14746426

Sta	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	0.59	55.4	Pg	02:59:34.297	1.4					T__	2.2	0.2		___	MLv	2.1	14746428	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
LTVH	0.59	55.4	Lg	02:59:43.995	1.2					T__				___		14746429	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.1 1																									
BSZH	0.67	292.1	Lg	02:59:43.729	-2.1					T__				___		14746430	FDSN	HU	--	BUD	iLoc	HHN	???	_	
AMBH	0.77	204.3	Pg	02:59:36.903	0.2					T__	1.4	0.2		___	MLv	2.2	14746431	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
AMBH	0.77	204.3	Lg	02:59:48.389	-0.3					T__				___		14746432	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Station ML : 2.2 1																									
SIRR	0.85	157.0	Pn	02:59:37.780	-0.2					T__				___		14746433	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.85	157.0	Lg	02:59:49.824	-1.1					T__				___		14746434	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.85	156.9	Pg	02:59:37.618	-0.5					T__	1.7	0.1		___	MLv	1.7	14746435	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.85	156.9	Sg	02:59:49.672	-1.4					T__				___		14746436	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 0																									
DRGR	1.08	103.3	Pn	02:59:41.811	0.2					T__	2.2	0.1		___	MLv	2.0	14746437	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.08	103.3	Sn	02:59:57.025	-0.8					T__				___		14746438	FDSN	RO	--	BUD	iLoc	BHN	???	_	
DRGR	1.08	103.3	Lg	02:59:57.481	-2.1					T__				___		14746439	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.0 1																									
MESR	1.21	84.7	Pn	02:59:44.494	1.1					T__				___		14746440	FDSN	IR	--	ISC	iLoc	???	???	_	
MESR	1.21	84.7	Sn	03:00:01.144	0.2					T__				___		14746441	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	1.23	315.3	Pn	02:59:42.503	-1.1					T__	3.2	0.1		___	MLv	2.1	14746442	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.23	315.3	Sn	02:59:58.330	-2.9					T__				___		14746443	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.1 1																									
ABAH	1.25	1.8	Pn	02:59:44.306	0.6					T__	1.4	0.1		___	MLv	2.0	14746444	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.25	1.8	Sn	02:59:59.785	-1.7					T__				___		14746445	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.0 1																									
MARR	1.38	105.0	Pn	02:59:46.187	0.2					T__				___		14746446	FDSN	IR	--	ISC	iLoc	???	???	_	
MARR	1.38	105.0	Sn	03:00:06.200	0.7					T__				___		14746447	FDSN	IR	--	ISC	iLoc	???	???	_	
TRPA	1.42	39.9	Pn	02:59:46.830	0.5					T__	1.9	0.1		___	MLv	2.3	14746448	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	1.42	39.9	Sn	03:00:07.451	1.3					T__				___		14746449	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.3 1																									



BZS	1.47	168.0	Sn	03:00:07.858	1.5	T__										14746450	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	1.47	167.3	Pn	02:59:47.853	1.4	T__	1.4	0.0				---	MLv	2.0	14746451	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
BZS	1.47	167.3	Lg	03:00:08.326	-2.2	T__										14746452	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Station ML : 2.0 1																								
KECS	1.51	342.1	Sn	03:00:08.485	0.8	T__										14746453	FDSN	SK	--	BUD	iLoc	EHN	???	_
CJR	1.69	100.6	Sn	03:00:13.149	-0.0	T__										14746454	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.94	245.4	Pn	02:59:55.343	2.2	T__	2.0	0.1				---	MLv	2.3	14746455	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	1.94	245.4	Sn	03:00:21.991	4.1	T__										14746456	FDSN	HU	--	BUD	iLoc	BHZ	???	_
(Station ML : 2.3 0																								
GZR	1.99	145.7	Pn	02:59:54.655	0.5	T__										14746457	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.99	145.7	Sn	03:00:20.449	0.4	T__										14746458	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
2016/10/28	10:40:10.00	1.79	0.88	48.5196	20.7845	18.5	5.6	12	5.7F	11.6	8	4	216	0.20	1.30	m	ke BUD	14746496	iLoc			315

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.5	4 BUD	14746496

Sta	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	259.7	Pg	10:40:13.933	-0.3				T__	21.4	1.8			---	MLv	2.1	14746498	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	259.7	Lg	10:40:17.683	0.1				T__							14746499	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.1 1																									
ABAH	0.38	126.2	Pg	10:40:16.664	-0.9				T__	1.3	0.1			---	MLv	1.4	14746500	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	126.2	Lg	10:40:24.829	0.9				T__							14746501	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Station ML : 1.4 1																									
PSZ	0.85	225.0	Pn	10:40:28.401	0.7				T__	2.4	0.1			---	MLv	2.0	14746502	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.85	225.0	Lg	10:40:40.404	-0.1				T__							14746503	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
VYHS	1.30	269.6	Pn	10:40:34.453	0.6				T__	1.0	0.0			---	MLv	1.3	14746504	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	269.6	Sn	10:40:52.033	-0.6				T__							14746505	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
2016/10/28	11:47:49.82	1.07	1.32	48.2270	21.2280	6.3	4.5	171	0.0A		13	8	131	0.07	8.26	m	ke BUD	14746523	iLoc			158

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	5 BUD	14746523

Sta	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	6.5	Pg	11:47:51.031	-0.7				T__	121.0	8.0			---	MLv	2.4	14746525	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.07	6.5	Lg	11:47:52.920	-0.6				T__							14746526	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.4 1																									
KECS	0.56	297.6	Pg	11:48:01.601	0.6				T__	2.3	0.1			---	MLv	1.9	14746527	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.56	297.6	Lg	11:48:09.093	-0.5				T__							14746528	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 1.9 1																									
HOLU	0.83	68.3	Pg	11:48:06.377	0.6				T__							14746529	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
TRPA	0.88	95.8	Pg	11:48:07.241	0.2				T__	1.8	0.1			---	MLv	2.0	14746530	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.88	95.8	Lg	11:48:20.115	-1.9				T__							14746531	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.0 1																									

PSZ	0.95	251.4	Pn	11:48:09.219	-0.6	T__	1.5	0.1	---	MLv	1.9	14746532	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.95	251.4	Lg	11:48:22.241	-2.2	T__			---			14746533	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 0)																				
KOLS	0.99	44.1	Pg	11:48:09.852	1.2	T__	4.5	11.2	---	MLv	4.1	14746534	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.99	44.1	Lg	11:48:24.627	-0.2	T__			---			14746535	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 4.1 0)																				
VYHS	1.62	280.4	Sn	11:48:43.438	1.2	T__			---			14746536	FDSN	SK	--	BUD	iLoc	HHE	???	_
FIAM	8.26	226.8	Sn	11:51:25.990	1.9	T__			---			14746537	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
2016/10/28	12:45:56.12	1.68	0.46	48.6461	22.3730	10.3	6.0	91	10.0A		8	5	180	0.29	1.26	m	ke BUD	14746559	iLoc			258

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	4 BUD	14746559

Sta	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	0.29	347.1	Pg	12:46:01.469	-0.6				T__		36.4	83.0		---	MLv	4.0	14746561	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.29	347.1	Lg	12:46:07.337	0.1				T__					---		14746562	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 4.0 1)																									
TRPA	0.53	167.8	Pg	12:46:06.606	0.1				T__		2.4	0.1		---	MLv	1.7	14746563	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 1)																									
ABAH	0.83	245.5	Pg	12:46:12.032	-0.3				T__		2.9	0.1		---	MLv	2.1	14746564	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.83	245.5	Lg	12:46:25.674	-0.0				T__					---		14746565	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Station ML : 2.1 1)																									
STHS	1.07	316.5	Pg	12:46:16.372	0.5				T__		3.8	0.1		---	MLv	2.2	14746566	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	1.07	316.5	Lg	12:46:32.759	0.5				T__					---		14746567	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.2 1)																									
KECS	1.26	263.3	Sn	12:46:37.479	-0.1				T__					---		14746568	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		
2016/10/30	03:19:57.91	1.38	0.20	47.3077	18.1550	10.2	8.4	149	4.9F	10.6	6	5	110	0.09	1.27	m	ke BUD	14746833	iLoc					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	
CSKK	0.09	52.2	Pg	03:20:00.305	0.1				T__		9.3	3.5		---	MLv	2.1	14746835	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.09	52.2	Lg	03:20:01.993	-0.1				T__					---		14746836	FDSN	HU	--	BUD	iLoc	SHN	???	_	
A268A	0.20	308.3	Lg	03:20:05.325	-0.2				T__					---		14746837	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.44	252.1	Lg	03:20:13.631	0.1				T__					---		14746838	FDSN	HU	--	BUD	iLoc	BHN	???	_	
MORH	1.14	162.7	Sn	03:20:35.969	-0.1				T__					---		14746839	FDSN	HU	--	BUD	iLoc	BHN	???	_	
VYHS	1.27	20.9	Sn	03:20:39.313	0.1				T__					---		14746840	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		
2016/10/30	14:30:12.47	0.93	1.21	45.8390	20.6421	3.4	3.1	178	11.1F	11.2	43	17	57	0.51	2.93	m	ke BUD	14746842	iLoc					74

Magnitude	Err	Nsta	Author	OrigID

ML 2.5 0.2 14 BUD 14746842

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
AMBH	0.51	6.5	Pg	14:30:23.715	0.3					T__	1.7	2.5		---	MLv	3.1	14746844	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
AMBH	0.51	6.5	Lg	14:30:31.913	0.4					T__				---		14746845	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Station ML : 3.1 0)																									
BANR	0.57	142.6	Pg	14:30:23.508	-0.3					T__				---		14746846	FDSN	IR	--	ISC	iLoc	???	???	_	
BANR	0.57	142.6	Lg	14:30:31.458	-0.7					T__				---		14746847	FDSN	IR	--	ISC	iLoc	???	???	_	
BANR	0.57	142.6	Pn	14:30:36.900	12.0					---		0.3		---		14746848	FDSN	IR	--	ISC	iLoc	???	???	_	
BANR	0.57	142.5	Pb	14:30:23.875	0.1					T__	2.9	0.3		---	MLv	2.3	14746849	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.3 1)																									
BZS	0.72	107.7	Pn	14:30:28.600	1.6					T__		0.3		---		14746850	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.72	107.7	Lg	14:30:37.560	0.6					T__				---		14746851	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.73	107.1	Pg	14:30:27.278	0.4					T__	16.0	0.3		---	MLv	2.4	14746852	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.73	107.1	Sg	14:30:37.765	0.3					T__				---		14746853	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.4 1)																									
SIRR	0.83	58.5	Pn	14:30:28.700	-0.0					T__		0.5		---		14746854	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.83	58.5	Sn	14:30:40.245	-1.4					T__				---		14746855	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.83	58.7	Pg	14:30:28.567	-0.7					T__	28.8	0.5		---	MLv	2.6	14746856	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.83	58.7	Lg	14:30:40.537	-1.1					T__				---		14746857	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.6 1)																									
FRGS	0.90	221.0	Lg	14:30:42.405	-0.5					T__				---		14746858	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	0.90	219.2	Pn	14:30:29.464	-0.4					T__	32.0	0.7		---	MLv	2.9	14746859	FDSN	SJ	--	BUD	iLoc	HHZ	HHZ	_
FRGS	0.90	219.2	Sg	14:30:42.046	-1.4					T__				---		14746860	FDSN	SJ	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.9 1)																									
MDVR	1.30	144.1	Pn	14:30:36.198	0.7					T__				---		14746861	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.30	144.1	Sn	14:30:54.412	1.0					T__				---		14746862	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	1.44	285.9	Pn	14:30:37.397	0.2					T__	5.0	0.1		---	MLv	2.3	14746863	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.44	285.8	Pg	14:30:37.580	-2.9					T__				---		14746864	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	1.44	285.8	Sn	14:30:57.702	1.3					T__				---		14746865	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	1.44	285.8	Pb	14:30:59.400	18.9					---				---		14746866	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.3 1)																									
GZR	1.56	105.8	Pn	14:30:40.559	1.5					T__				---		14746867	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.56	105.8	Pg	14:30:40.918	-1.4					T__	10.7	0.2		---	MLv	2.7	14746868	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.56	105.8	Pb	14:30:42.922	0.6					T__				---		14746869	FDSN	RO	--	BUD	iLoc	BHE	???	_	
GZR	1.56	105.8	x	14:30:45.800	-99.0					---		0.2		---		14746870	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.56	105.8	Sn	14:31:00.566	0.5					T__				---		14746871	FDSN	RO	--	BUD	iLoc	BHN	???	_	
GZR	1.56	105.8	Lg	14:31:00.767	-3.3					T__				---		14746872	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.7 1)																									
HERR	1.58	126.8	Pn	14:30:40.520	1.3					T__				---		14746873	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.58	126.8	Sn	14:31:01.296	1.2					T__				---		14746874	FDSN	IR	--	ISC	iLoc	???	???	_	
DEV	1.58	87.6	Pg	14:30:49.100	6.4					---				---		14746875	FDSN	IR	--	ISC	iLoc	???	???	_	
DEV	1.58	87.6	Sn	14:31:00.915	0.8					T__				---		14746876	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.72	55.7	Pg	14:30:45.000	-1.3					T__		0.1		---		14746877	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.72	55.7	Sn	14:31:05.349	0.9					T__				---		14746878	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.72	55.7	Pn	14:30:42.064	0.4					T__	3.4	0.1		---	MLv	2.5	14746879	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.72	55.7	Pb	14:30:45.181	-1.1					T__				---		14746880	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.5 1)																									
KOVH	1.79	278.9	Pn	14:30:42.835	0.5					T__	3.2	0.1		---	MLv	2.3	14746881	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.79	278.9	Pg	14:30:46.480	-0.7					T__				---		14746882	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
KOVH	1.79	278.9	Sn	14:31:06.103	0.9					T__				---		14746883	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.3 0)																									
DIVS	1.80	195.1	Pn	14:30:42.694	0.2					T__	4.3	0.2		---	MLv	2.7	14746884	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_

DIVS	1.80	195.1	Pg	14:30:47.038	0.4	T__								14746885	FDSN	MN	--	BUD	iLoc	BHZ	???	_		
(Station ML : 2.7 1																								
PSZ	2.14	346.4	Pg	14:30:58.600	2.7	T__			0.1					14746886	FDSN	IR	--	ISC	iLoc	???	???	_		
PSZ	2.14	346.4	Pn	14:30:47.443	-0.0	T__	2.1		0.1				MLv	2.5	14746887	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.5 1																								
BELS	2.16	204.4	Pg	14:30:54.121	1.0	T__	2.3		0.4				MLv	3.3	14746888	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 3.3 0																								
MPLH	2.52	303.0	Pn	14:30:53.713	1.2	T__	1.3		0.1				MLv	2.6	14746889	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.6 1																								
VVHS	2.93	335.8	Pn	14:30:59.024	0.7	T__	1.5		0.0				MLv	2.2	14746890	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
2016/10/31	23:35:01.66	1.16	0.74	48.3226	22.7743	6.5	6.1	52	13.1F	9.4	12	9	92	0.14	2.63	m	ke BUD	14747857	iLoc			151

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	14747857

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
MUKU	0.14	336.2	Pg	23:35:05.060	-0.3					T__						14747859	FDSN	UA	--	BUD	iLoc	MHZ	???	_		
BRIU	0.16	84.6	Pg	23:35:06.028	0.4					T__						14747860	FDSN	UA	--	BUD	iLoc	MHZ	???	_		
TRPA	0.25	219.3	Pg	23:35:07.352	0.3					T__	3.2	0.1			MLv	0.9	14747861	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
TRPA	0.25	219.3	Lg	23:35:11.464	-0.4					T__						14747862	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 0.9 0																										
KOLS	0.70	331.6	Pg	23:35:16.040	1.1					T__	8.3	9.9			MLv	3.9	14747863	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 3.9 0																										
STZU	0.70	351.8	Pg	23:35:14.548	-0.5					T__						14747864	FDSN	UA	--	BUD	iLoc	MHZ	???	_		
BMR	0.81	143.0	Pn	23:35:18.690	0.0					T__	3.7	0.1			MLv	1.9	14747865	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
BMR	0.81	143.0	Lg	23:35:30.029	-0.4					T__						14747866	FDSN	RO	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.9 1																										
ABAH	1.02	269.1	Pg	23:35:21.363	-0.1					T__	2.0	0.1			MLv	1.9	14747867	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 1.9 1																										
DRGR	1.53	181.6	Pn	23:35:29.833	1.1					T__	1.6	0.0			MLv	1.9	14747868	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
DRGR	1.53	181.6	Sn	23:35:48.613	-1.0					T__						14747869	FDSN	RO	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.9 1																										
VVHS	2.63	275.2	Pn	23:35:44.064	0.3					T__	1.2	0.0			MLv	1.8	14747870	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	
2016/11/03	09:35:02.10	1.25	0.66	48.5610	20.7571	11.0	4.2	151	3.8F	15.6	10	6	145	0.20	1.28	m	ke BUD	14747896	iLoc				166

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.3	5 BUD	14747896

Sta	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	246.8	Pg	09:35:05.861	-0.3					T__	15.0	1.2			MLv	1.9	14747898	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.20	246.8	Lg	09:35:09.902	0.6					T__						14747899	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Station ML : 1.9 0																										
ABAH	0.42	129.3	Pg	09:35:10.706	0.3					T__	2.1	0.0			MLv	1.1	14747900	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 1.1 1																										

CRVS	0.58	53.5	Pg	09:35:13.062	0.0	T__	1.9	0.0	---	MLv	0.9	14747901	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.58	53.5	Lg	09:35:21.341	-1.1	T__			---			14747902	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 0.9 1																				
PSZ	0.86	222.2	Pn	09:35:20.071	-0.2	T__	1.5	0.0	---	MLv	1.5	14747903	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	222.2	Lg	09:35:32.664	-0.7	T__			---			14747904	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1																				
MASL	0.94	60.7	Pn	09:35:21.584	0.2	T__			---			14747905	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	0.94	60.7	Lg	09:35:34.510	0.2	T__			---			14747906	FDSN	SK	--	BUD	iLoc	EHN	???	_
VYHS	1.28	267.7	Pn	09:35:26.545	0.6	T__	1.1	0.0	---	MLv	0.8	14747907	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
2016/11/04	08:45:10.79	0.24	0.36	46.2647	21.6646	2.1	1.7	90	5.0A		8	117		0.00	1.17	a	ke BUC	14631110	ISC			360
2016/11/04	08:45:09.88	1.66	1.05	46.2939	21.6429	11.6	4.8	114	3.0F	8.0	16	4	235	0.03	1.20	m	ke BUD	14748820	iLoc			318

Magnitude	Err	Nsta	Author	OrigID
m1	1.7		BUC	14631110
ML	1.7	0.4	3 BUD	14748820

Sta	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	0.03	156.2	Sg	08:45:12.410	0.4					T__		7.8		---		14748822	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.03	154.0	Pg	08:45:10.629	-0.4					T__				---		14748823	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
SIRR	0.03	154.0	Lg	08:45:11.515	-0.6					T__				---		14748824	FDSN	RO	--	BUD	iLoc	BHN	???	_	
BZS	0.68	180.2	Pg	08:45:23.961	0.8					T__	1.6	0.0		---	MLv	1.3	14748825	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.68	180.2	Lg	08:45:32.716	-0.2					T__				---		14748826	FDSN	RO	--	BUD	iLoc	BHE	???	_	
BZS	0.68	181.6	Pb	08:45:23.502	0.3					T__				---		14748827	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.68	181.6	Sg	08:45:31.947	-1.1					T__				---		14748829	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.3 1																									
DRGR	0.89	55.6	Lg	08:45:40.090	-1.9					T__				---		14748830	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.89	55.6	Pg	08:45:28.531	0.9					T__	2.5	0.0		---	MLv	1.7	14748831	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.89	55.6	Sg	08:45:41.678	-0.3					T__				---		14748832	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
GZR	1.20	138.2	Pg	08:45:33.840	1.0					T__				---		14748833	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.20	138.2	Pb	08:45:34.245	1.4					T__	4.5	0.1		---	MLv	1.9	14748835	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.20	138.2	Sn	08:45:49.009	-1.3					T__				---		14748836	FDSN	RO	--	BUD	iLoc	BHE	???	_	
GZR	1.20	138.2	Lg	08:45:49.268	-0.7					T__				---		14748837	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	
2016/11/04	10:15:38.39	1.29	0.86	48.2424	21.2352	8.7	5.8	173	6.4F	9.0	12	7	105	0.05	1.76	m	ke BUD	14748852	iLoc				153

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	5 BUD	14748852

Sta	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	3.2	Pg	10:15:39.849	-0.3					T__	568.2	12.7		---	MLv	2.6	14748854	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.6 1																									
KECS	0.55	296.0	Pg	10:15:49.736	0.3					T__	1.8	0.2		---	MLv	2.0	14748855	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.55	296.0	Lg	10:15:57.959	0.1					T__				---		14748856	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.0 1																									

CRVS	0.68	12.7	x	10:15:53.146	-99.0	---	2.5	0.0	---	MLv	14748857	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.88	96.8	Pg	10:15:55.799	0.5	T__	2.3	0.1	---	MLv	1.9 14748858	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.88	96.8	Sn	10:16:09.201	-1.9	T__			---		14748859	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 1																			
MASL	0.92	33.0	Pn	10:15:57.862	0.7	T__			---		14748860	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	0.92	33.0	Sn	10:16:11.884	-0.2	T__			---		14748861	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.96	250.7	Pg	10:15:58.501	0.2	T__	4.0	0.1	---	MLv	1.8 14748862	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.96	250.7	Lg	10:16:11.991	-0.8	T__			---		14748863	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 0																			
KOLS	0.98	44.5	Pn	10:15:58.457	0.3	T__	4.7	10.0	---	MLv	4.0 14748864	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.98	44.5	Sn	10:16:13.217	-0.6	T__			---		14748865	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 4.0 0																			
DRGR	1.76	144.9	Sn	10:16:33.088	0.4	T__			---		14748866	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  
2016/11/05 11:40:09.70 1.24 0.78 48.5649 20.8044 9.0 4.4 150 5.0F 16.6 10 7 129 0.23 1.05 m ke BUD 14748889 iLoc 162

Magnitude Err Nsta Author OrigID  
ML 1.7 0.8 4 BUD 14748889

Sta	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	249.0	Pg	11:40:14.206	-0.2	T__					17.0	1.3		---	MLv	2.0 14748891	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.23	249.0	Lg	11:40:18.635	0.6	T__								---		14748892	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Station ML : 2.0 1																								
ABAH	0.40	132.7	Pg	11:40:17.714	0.1	T__					3.4	0.1		---	MLv	1.3 14748893	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.3 1																								
CRVS	0.55	51.9	Pg	11:40:20.267	0.1	T__					2.0	0.0		---	MLv	1.0 14748894	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.55	51.9	Lg	11:40:27.774	-1.3	T__								---		14748895	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 1.0 1																								
PSZ	0.89	223.6	Lg	11:40:40.734	-0.9	T__								---		14748896	FDSN	GE	--	BUD	iLoc	BHN	???	_
STHS	0.90	18.6	Pg	11:40:26.600	0.3	T__						0.1		---		14748897	FDSN	IR	--	ISC	iLoc	???	???	_
KOLS	1.04	68.7	Pn	11:40:30.815	0.3	T__					6.2	10.7		---	MLv	4.1 14748898	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.04	68.7	Lg	11:40:45.549	-0.4	T__								---		14748899	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 4.1 1																								
HOLU	1.05	91.5	Pg	11:40:30.014	0.5	T__								---		14748900	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  
2016/11/05 23:29:11.23 1.64 2.65 46.7205 20.5486 7.8 3.8 173 5.8F 9.5 26 10 196 0.39 2.58 m ke BUD 14749043 iLoc 247

Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 5 BUD 14749043

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
AMBH	0.39	161.7	Pg	23:29:19.306	-0.3	T__					5.2	0.7		---	MLv	2.2 14749045	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
AMBH	0.39	161.7	Lg	23:29:22.969	-3.0	T__								---		14749046	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Station ML : 2.2 0																								
SIRR	0.89	120.2	Pg	23:29:32.301	3.0	T__								---		14749047	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.89	120.2	Pn	23:29:29.714	0.6	T__					2.7	0.1		---	MLv	2.1 14749048	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_

SIRR	0.89	120.2	Sn	23:29:41.865	-1.3	T__	---	14749049	FDSN	RO	--	BUD	iLoc	HHN	???	_			
(Station ML : 2.1 1)																			
BZS	1.33	145.7	Pg	23:29:38.071	0.5	T__	---	14749050	FDSN	IR	--	ISC	iLoc	???	???	_			
BZS	1.33	145.7	Lg	23:29:58.619	2.0	T__	---	14749051	FDSN	IR	--	ISC	iLoc	???	???	_			
BZS	1.34	145.1	Pb	23:29:37.013	-0.7	T__	2.5	0.0	MLv	1.9	14749052	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	1.34	145.1	Sn	23:29:52.512	-1.2	T__	---	14749053	FDSN	RO	--	BUD	iLoc	BHN	???	_			
(Station ML : 1.9 1)																			
MORH	1.41	249.7	Pn	23:29:37.689	1.5	T__	1.8	0.0	MLv	1.9	14749054	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.41	249.7	Sn	23:29:57.034	1.5	T__	---	14749055	FDSN	HU	--	BUD	iLoc	BHN	???	_			
MORH	1.41	249.7	Pg	23:29:37.441	-1.9	T__	---	14749056	FDSN	IR	--	ISC	iLoc	???	???	_			
MORH	1.41	249.7	Lg	23:29:57.827	-1.8	T__	---	14749057	FDSN	IR	--	ISC	iLoc	???	???	_			
(Station ML : 1.9 1)																			
DRGR	1.49	86.5	Pg	23:29:40.905	-0.0	T__	1.8	0.0	MLv	1.9	14749058	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.49	86.5	Lg	23:29:59.888	-3.9	T__	---	14749059	FDSN	RO	--	BUD	iLoc	BHN	???	_			
DRGR	1.49	86.5	Pn	23:29:40.659	2.8	T__	---	14749060	FDSN	IR	--	ISC	iLoc	???	???	_			
DRGR	1.49	86.5	Sn	23:30:00.712	2.3	T__	---	14749061	FDSN	IR	--	ISC	iLoc	???	???	_			
(Station ML : 1.9 0)																			
FRGS	1.65	198.5	Pg	23:29:43.838	0.6	T__	---	14749062	FDSN	IR	--	ISC	iLoc	???	???	_			
FRGS	1.65	198.5	Lg	23:30:06.964	0.1	T__	---	14749063	FDSN	IR	--	ISC	iLoc	???	???	_			
DEV	1.83	116.3	Pg	23:29:46.232	-0.8	T__	---	14749064	FDSN	IR	--	ISC	iLoc	???	???	_			
DEV	1.83	116.3	Lg	23:30:11.564	-1.7	T__	---	14749065	FDSN	IR	--	ISC	iLoc	???	???	_			
GZR	2.04	129.7	Pn	23:29:48.311	3.0	T__	---	14749066	FDSN	IR	--	ISC	iLoc	???	???	_			
GZR	2.04	129.7	Lg	23:30:16.008	-3.5	T__	---	14749067	FDSN	IR	--	ISC	iLoc	???	???	_			
HERR	2.26	144.0	Pg	23:29:51.522	-3.5	---	---	14749068	FDSN	IR	--	ISC	iLoc	???	???	_			
HERR	2.26	144.0	Lg	23:30:22.977	-2.7	T__	---	14749069	FDSN	IR	--	ISC	iLoc	???	???	_			
LOT	2.58	118.4	Pn	23:29:56.713	3.6	T__	---	14749070	FDSN	IR	--	ISC	iLoc	???	???	_			
LOT	2.58	118.4	Lg	23:30:31.091	-6.5	T__	---	14749071	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
2016/11/05	23:44:22.90	1.11	2.18	46.5323	20.5196	3.6	2.4	19	2.8F	7.9	60	27	60	0.23	3.39	m	ke	BUD	14748919	iLoc		96

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.1	13 BUD	14748919

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
AMBH	0.23	141.9	Pg	23:44:28.884	0.8	T__				T__	29.8	3.8		MLv	2.5	14748921	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.5 1)																								
BSZH	0.79	347.4	Pn	23:44:37.887	-1.7	T__				---						14748922	FDSN	IR	--	ISC	iLoc	???	???	_
BSZH	0.79	347.4	Sn	23:44:47.277	-5.5	T__				---						14748923	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.83	108.1	Pg	23:44:52.400	12.6	---				---		0.4				14748924	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.84	108.2	Pn	23:44:39.252	-1.1	T__				T__	9.9	0.4		MLv	2.6	14748925	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.84	108.2	Lg	23:44:50.646	-1.9	T__				---						14748926	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 2.6 1)																								
BZS	1.19	139.8	Pg	23:44:47.200	1.1	T__				---		0.2				14748927	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	1.19	139.8	Lg	23:45:05.496	1.5	T__				---						14748928	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	1.20	139.1	Pb	23:44:45.600	-0.7	T__				T__	7.7	0.2		MLv	2.4	14748929	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	1.20	139.1	Sg	23:45:01.564	-2.7	T__				---						14748930	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 2.4 1)																								
BANR	1.23	159.3	Lg	23:45:06.153	1.2	T__				---						14748931	FDSN	IR	--	ISC	iLoc	???	???	_
LTVH	1.27	47.5	Pn	23:44:48.213	1.6	T__				---						14748932	FDSN	IR	--	ISC	iLoc	???	???	_
LTVH	1.27	47.5	Pg	23:44:48.687	0.4	T__				T__	3.1	0.2		MLv	2.5	14748933	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

(Station ML : 2.5 1																			
A271A 1.31 298.9 Pn	23:44:49.689	2.8	T__	4.4	0.4	---	MLv	2.8	14748934	FDSN	Z3	--	BUD	iLoc	HHZ	HHZ	_		
A271A 1.31 298.9 Lg	23:45:08.662	0.0	T__			---			14748935	FDSN	Z3	--	BUD	iLoc	HHN	???	_		
(Station ML : 2.8 1																			
MORH 1.34 257.0 Pn	23:44:46.464	-0.8	T__	4.1	0.1	---	MLv	2.2	14748936	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
MORH 1.34 257.0 Sn	23:45:05.508	-0.5	T__			---			14748937	FDSN	HU	--	BUD	iLoc	BHN	???	_		
MORH 1.34 256.9 Pg	23:44:48.657	-0.6	T__			---			14748938	FDSN	IR	--	ISC	iLoc	???	???	_		
MORH 1.34 256.9 Pb	23:44:50.700	1.4	T__		0.1	---			14748939	FDSN	IR	--	ISC	iLoc	???	???	_		
MORH 1.34 256.9 Lg	23:45:06.895	-2.3	T__			---			14748940	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.2 0																			
BUD 1.40 313.5 Pg	23:45:21.400	30.1	---			---			14748941	FDSN	IR	--	ISC	iLoc	???	???	_		
PSZ 1.45 343.1 Pn	23:44:50.208	1.0	T__			---			14748942	FDSN	IR	--	ISC	iLoc	???	???	_		
PSZ 1.45 343.1 Sn	23:45:10.010	0.6	T__			---			14748943	FDSN	IR	--	ISC	iLoc	???	???	_		
PSZ 1.45 343.1 Pg	23:44:51.535	-1.3	T__	2.9	0.1	---	MLv	2.2	14748944	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_		
PSZ 1.45 343.1 Lg	23:45:09.565	-4.5	T__			---			14748945	FDSN	GE	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.2 0																			
A267A 1.46 287.2 Pg	23:44:51.960	0.4	T__	2.2	0.2	---	MLv	2.5	14748946	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A267A 1.46 287.2 Sn	23:45:07.393	-1.8	T__			---			14748947	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 2.5 1																			
FRGS 1.46 200.1 Pg	23:44:51.716	1.2	T__			---			14748948	FDSN	IR	--	ISC	iLoc	???	???	_		
FRGS 1.46 200.1 Lg	23:45:10.708	-2.1	T__			---			14748949	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR 1.53 79.5 Pn	23:44:49.994	-0.5	T__	6.0	0.1	---	MLv	2.4	14748950	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
DRGR 1.53 79.5 Sn	23:45:09.452	-2.3	T__			---			14748951	FDSN	RO	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.4 1																			
A266A 1.56 270.6 Pn	23:44:53.163	2.8	T__	6.8	0.7	---	MLv	3.2	14748952	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A266A 1.56 270.6 Lg	23:45:15.410	-0.9	T__			---			14748953	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 3.2 0																			
KOVH 1.73 256.0 Pn	23:44:52.023	-1.0	T__	2.2	0.1	---	MLv	2.3	14748954	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
KOVH 1.73 256.0 Pg	23:45:01.500	4.1	T__			---			14748955	FDSN	IR	--	ISC	iLoc	???	???	_		
KOVH 1.73 256.0 Sn	23:45:17.670	1.6	T__			---			14748956	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.3 1																			
CSKK 1.76 299.1 Pn	23:44:54.988	1.8	T__	3.4	1.0	---	MLv	3.5	14748957	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_		
CSKK 1.76 299.1 Pg	23:45:19.300	21.3	---			---			14748958	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 3.5 0																			
DEV 1.77 110.5 Sn	23:45:16.288	-0.7	T__			---			14748959	FDSN	RO	--	BUD	iLoc	BHN	???	_		
DEV 1.78 110.6 Pg	23:44:56.360	-1.3	T__			---			14748960	FDSN	IR	--	ISC	iLoc	???	???	_		
DEV 1.78 110.6 Pb	23:44:58.700	1.0	T__		0.1	---			14748961	FDSN	IR	--	ISC	iLoc	???	???	_		
DEV 1.78 110.6 Lg	23:45:19.137	-4.1	T__			---			14748962	FDSN	IR	--	ISC	iLoc	???	???	_		
MESR 1.78 68.8 Pn	23:44:55.938	2.0	T__			---			14748963	FDSN	IR	--	ISC	iLoc	???	???	_		
MESR 1.78 68.8 Sn	23:45:19.638	1.8	T__			---			14748964	FDSN	IR	--	ISC	iLoc	???	???	_		
MDVR 1.94 154.0 Pg	23:44:58.576	-2.4	T__			---			14748965	FDSN	IR	--	ISC	iLoc	???	???	_		
GZR 1.94 125.1 Pn	23:44:56.436	0.5	T__	6.4	0.1	---	MLv	2.6	14748966	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_		
GZR 1.94 125.1 Pg	23:45:01.700	0.8	T__			---			14748967	FDSN	IR	--	ISC	iLoc	???	???	_		
GZR 1.94 125.1 Lg	23:45:25.650	-2.6	T__			---			14748968	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.6 1																			
HERR 2.12 140.5 Pg	23:45:00.869	-3.2	T__			---			14748969	FDSN	IR	--	ISC	iLoc	???	???	_		
HERR 2.12 140.5 Lg	23:45:29.817	-3.2	T__			---			14748970	FDSN	IR	--	ISC	iLoc	???	???	_		
CJR 2.13 84.0 Pn	23:45:00.379	1.3	T__			---			14748971	FDSN	IR	--	ISC	iLoc	???	???	_		
CJR 2.13 84.0 Sn	23:45:28.096	1.2	T__			---			14748972	FDSN	IR	--	ISC	iLoc	???	???	_		
VYHS 2.27 330.4 Pg	23:45:28.100	19.5	---			---			14748973	FDSN	IR	--	ISC	iLoc	???	???	_		
BMR 2.33 59.6 Pn	23:45:03.345	1.5	T__			---			14748974	FDSN	IR	--	ISC	iLoc	???	???	_		
BMR 2.33 59.6 Pg	23:45:12.900	4.4	T__			---			14748975	FDSN	IR	--	ISC	iLoc	???	???	_		
LOT 2.51 114.4 Pn	23:45:06.419	2.2	T__			---			14748976	FDSN	IR	--	ISC	iLoc	???	???	_		



LOT	2.51	114.4	Sn	23:45:39.849	3.5	T__	---	14748977	FDSN	IR	--	ISC	iLoc	???	???	_
KOLS	2.68	25.6	Pg	23:45:23.300	8.6	---	---	14748978	FDSN	IR	--	ISC	iLoc	???	???	_
ARCR	2.69	76.7	Pn	23:45:08.747	1.8	T__	---	14748979	FDSN	IR	--	ISC	iLoc	???	???	_
ARCR	2.69	76.7	Pg	23:45:18.000	2.8	T__	---	14748980	FDSN	IR	--	ISC	iLoc	???	???	_
ARCR	2.69	76.7	Sn	23:45:42.687	2.1	T__	---	14748981	FDSN	IR	--	ISC	iLoc	???	???	_
ARR	3.10	110.6	Pn	23:45:14.356	1.7	T__	---	14748982	FDSN	IR	--	ISC	iLoc	???	???	_
ARR	3.10	110.6	Sn	23:45:53.719	2.3	T__	---	14748983	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	3.34	107.5	Pn	23:45:17.425	1.2	T__	---	14748984	FDSN	IR	--	ISC	iLoc	???	???	_
BURAR	3.39	69.7	Pn	23:45:17.524	0.4	T__	---	14748985	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
2016/11/07	09:30:41.16	1.42	0.66	48.5367	19.3520	14.1	4.7	24	10.5F	20.1	9	5	136	0.35	1.72	m	ke BUD	14749093	iLoc			192

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.9	3 BUD	14749093

Sta	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	263.1	Pg	09:30:48.766	0.3					T__	6.0	0.0		---	MLv	0.7	14749095	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	263.1	Lg	09:30:52.907	-0.9					T__				---		14749096	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.7 1																									
PSZ	0.72	149.4	Pg	09:30:56.840	0.5					T__	1.6	0.0		---	MLv	1.6	14749097	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.72	149.4	Lg	09:31:06.835	-0.2					T__				---		14749098	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
KECS	0.76	93.6	Pn	09:30:56.390	-0.4					T__	2.9	0.2		---	MLv	2.2	14749099	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.76	93.6	Lg	09:31:06.717	-0.5					T__				---		14749100	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.2 1																									
JAVC	1.16	286.8	Pg	09:31:04.676	0.6					T__				---		14749101	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
JAVC	1.16	286.8	Lg	09:31:19.883	-0.3					T__				---		14749102	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
MORC	1.72	316.9	Sn	09:31:33.541	0.3					T__				---		14749103	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		
2016/11/08	06:04:18.92	1.49	0.86	48.2692	22.6614	10.8	7.5	41	24.3F	12.3	8	5	157	0.16	0.95	m	ke BUD	14749117	iLoc					231

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	1.6	3 BUD	14749117

Sta	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	0.16	210.5	Pg	06:04:24.345	0.1					T__	2.3	0.1		---	MLv	0.7	14749119	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.16	210.5	Lg	06:04:28.346	-0.5					T__				---		14749120	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 0.7 1																									
KOLS	0.71	338.9	Pg	06:04:32.849	0.0					T__	3.7	5.6		---	MLv	3.6	14749121	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.71	338.9	Sn	06:04:44.121	-1.0					T__				---		14749122	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 3.6 1																									
BMR	0.82	136.4	Lg	06:04:48.787	0.4					T__				---		14749123	FDSN	RO	--	BUD	iLoc	BHE	???	_	
MASL	0.86	329.6	Lg	06:04:49.904	0.8					T__				---		14749124	FDSN	SK	--	BUD	iLoc	EHE	???	_	
ABAH	0.95	272.2	Pg	06:04:38.415	0.8					T__	1.4	0.1		---	MLv	1.7	14749125	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.95	272.2	Lg	06:04:52.330	-0.4					T__				---		14749126	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
2016/11/08	06:12:34.52	1.46	0.99	48.3035	22.6645	8.5	4.9	79	4.1F	14.8	10	6	160	0.19	1.46	m	ke BUD	14749140	iLoc			228

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	1.4	3 BUD	14749140

Sta	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	0.19	205.9	Pg	06:12:38.895	0.4					T__	3.1	0.1		___	MLv	1.0	14749142	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.19	205.9	Lg	06:12:42.896	0.9					T__				___			14749143	FDSN	HU	--	BUD	iLoc	BHE	???	_
				(Station ML : 1.0 1																					
KOLS	0.68	337.8	Pg	06:12:47.266	-0.2					T__	13.6	21.1		___	MLv	4.2	14749144	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.68	337.8	Lg	06:12:58.686	0.2					T__				___			14749145	FDSN	SK	--	BUD	iLoc	HHE	???	_
				(Station ML : 4.2 1																					
MASL	0.84	328.2	Pg	06:12:50.831	0.7					T__				___			14749146	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	0.84	328.2	Lg	06:13:03.284	-0.1					T__				___			14749147	FDSN	SK	--	BUD	iLoc	EHN	???	_
BMR	0.84	138.1	Lg	06:13:03.277	-1.2					T__				___			14749148	FDSN	RO	--	BUD	iLoc	BHE	???	_
ABAH	0.95	270.1	Pg	06:12:52.743	-0.3					T__	1.6	0.1		___	MLv	2.0	14749149	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.95	270.1	Lg	06:13:06.643	-1.7					T__				___			14749150	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Station ML : 2.0 1																					
KECS	1.46	277.9	Sn	06:13:22.569	0.4					T__				___			14749151	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
2016/11/08	09:40:58.87	1.31	0.91	48.3906	19.1218	6.1	4.4	23	2.5F	14.8	11	6	145	0.18	1.07	m	ke BUD	14749165	iLoc			193

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	6 BUD	14749165

Sta	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	0.18	207.5	Pg	09:41:02.898	0.3					T__	52.0	2.0		___	MLv	2.1	14749167	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.18	207.5	Lg	09:41:06.225	0.9					T__				___			14749168	FDSN	Z3	00	BUD	iLoc	HH2	???	_
				(Station ML : 2.1 1																					
VYHS	0.22	298.6	Pg	09:41:03.115	-0.3					T__	15.7	0.1		___	MLv	0.8	14749169	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.22	298.6	Lg	09:41:06.097	-0.7					T__				___			14749170	FDSN	SK	--	BUD	iLoc	HHE	???	_
				(Station ML : 0.8 0																					
A270A	0.55	187.3	Pg	09:41:09.183	-1.0					T__	5.0	0.2		___	MLv	2.1	14749171	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Station ML : 2.1 1																					
PSZ	0.70	132.1	Pg	09:41:14.682	1.1					T__	2.0	0.1		___	MLv	1.6	14749172	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.70	132.1	Lg	09:41:23.186	-1.4					T__				___			14749173	FDSN	GE	--	BUD	iLoc	BHN	???	_
				(Station ML : 1.6 1																					
KECS	0.91	83.7	Pg	09:41:16.745	-0.1					T__	2.4	0.2		___	MLv	2.2	14749174	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.91	83.7	Lg	09:41:30.667	0.2					T__				___			14749175	FDSN	SK	--	BUD	iLoc	EHN	???	_
				(Station ML : 2.2 0																					
JAVC	1.07	296.5	Pg	09:41:20.693	0.7					T__	1.7	0.1		___	MLv	2.0	14749176	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	1.07	296.5	Sn	09:41:36.343	0.0					T__				___			14749177	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
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2016/11/08 11:01:26.52 1.23 0.90 48.5311 20.7591 9.1 4.9 163 5.6F 15.0 8 5 155 0.19 0.95 m ke BUD 14749203 iLoc 187

Magnitude Err Nsta Author OrigID  
ML 1.2 0.5 3 BUD 14749203

Sta	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	0.19	255.3	Pg	11:01:30.022	-0.5					T__	11.0	0.8		---	MLv	1.7	14749205	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.19	255.3	Lg	11:01:34.421	0.8					T__				---		14749206	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Station ML : 1.7 1																										
ABAH	0.40	126.1	Pg	11:01:34.813	0.3					T__	2.0	0.1		---	MLv	1.2	14749207	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.40	126.1	Lg	11:01:40.334	-0.8					T__				---		14749208	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Station ML : 1.2 1																										
CRVS	0.60	51.1	Pg	11:01:37.051	-0.7					T__	1.2	0.0		---	MLv	0.9	14749209	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 0.9 1																										
PSZ	0.84	223.6	Lg	11:01:56.980	0.0					T__				---		14749210	FDSN	GE	--	BUD	iLoc	BHE	???	_		
MASL	0.95	59.1	Pn	11:01:45.897	0.1					T__				---		14749211	FDSN	SK	--	BUD	iLoc	EHE	???	_		
MASL	0.95	59.1	Lg	11:02:00.262	1.0					T__				---		14749212	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  
2016/11/08 20:52:31.73 1.14 1.34 48.0541 19.8965 9.2 7.5 159 10.2F 14.9 8 4 121 0.14 0.93 m ke BUD 14749226 iLoc 227

Magnitude Err Nsta Author OrigID  
ML 1.5 0.4 4 BUD 14749226

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
PSZ	0.14	180.6	Pg	20:52:35.543	-0.0					T__	10.5	0.4		---	MLv	1.3	14749228	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.14	180.6	Lg	20:52:38.500	-0.0					T__				---		14749229	FDSN	GE	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.3 1																										
KECS	0.58	42.3	Pg	20:52:43.453	0.1					T__	1.8	0.1		---	MLv	1.9	14749230	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.58	42.3	Lg	20:52:51.315	-0.9					T__				---		14749231	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Station ML : 1.9 1																										
VYHS	0.83	302.3	Pn	20:52:48.853	0.5					T__	1.8	0.0		---	MLv	0.9	14749232	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.83	302.3	Lg	20:53:00.077	-0.2					T__				---		14749233	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 0.9 1																										
ABAH	0.93	74.4	Pg	20:52:51.755	1.7					T__	1.9	0.1		---	MLv	1.8	14749234	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.93	74.4	Sn	20:53:02.326	-1.8					T__				---		14749235	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  
2016/11/09 09:35:26.82 1.80 0.78 47.3525 18.3965 12.8 7.3 117 0.0S 6 5 157 0.09 1.18 m kx BUD 14749253 iLoc 238

Magnitude Err Nsta Author OrigID

Sta	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	276.7	Pg	09:35:29.067	-0.3					T__	41.2	15.6		---	MLv	2.8	14749255	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.09	276.7	Lg	09:35:31.093	-0.3					T__				---		14749256	FDSN	HU	--	BUD	iLoc	SHN	???	_	
A269A	0.29	358.1	Lg	09:35:38.454	0.7					T__				---		14749257	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.61	253.0	Lg	09:35:49.811	1.0					T__				---		14749258	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
MORH	1.15	171.4	Sn	09:36:06.470	-0.1					T__				---		14749259	FDSN	HU	--	BUD	iLoc	BHZ	???	_	

VYHS 1.18 14.4 Sn 09:36:07.049 -0.3 T\_\_ --- 14749260 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
2016/11/09	09:47:21.82	1.87	1.31	48.0356	21.2726	12.7	5.8	19	5.0A	10	6	227	0.26	1.38	m	ke	BUD	14749262	iLoc			274

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	4 BUD	14749262

Sta	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	355.2	Pg	09:47:27.556	0.4					T__	10.6	0.4		---	MLv	1.6	14749264	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.26	355.2	Lg	09:47:30.885	-0.8					T__				---		14749265	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.6 1																									
KECS	0.69	310.7	Pg	09:47:35.983	0.5					T__	1.9	0.1		---	MLv	2.0	14749266	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.69	310.7	Lg	09:47:44.169	-1.7					T__				---		14749267	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.0 1																									
TRPA	0.85	83.2	Pg	09:47:38.645	0.4					T__	1.8	0.1		---	MLv	1.8	14749268	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.85	83.2	Lg	09:47:51.607	-0.9					T__				---		14749269	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
MASL	1.09	25.9	Pn	09:47:43.308	0.2					T__				---		14749270	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
MASL	1.09	25.9	Lg	09:47:58.005	-1.3					T__				---		14749271	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	1.12	36.2	Lg	09:47:59.474	-1.2					T__				---		14749272	FDSN	SK	--	BUD	iLoc	HHN	???	_	
STHS	1.38	359.2	Pg	09:47:49.193	2.0					T__	2.7	0.1		---	MLv	2.1	14749273	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/11/11	08:09:56.14	1.13	1.41	47.8190	20.0677	6.7	5.6	168	5.0A	12	8	107	0.15	6.93	m	kx	BUD	14750082	iLoc			169
2016/11/11	08:09:55.69f	1.09	47.8987	20.0893f					0.0S	11		106	0.13	6.99	a	kx	BUD_GT	14759327	BUD			165

(GT info : GT2 explosion)  
(locality : Recsk)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	4 BUD	14750082
ML	2.0	0.3	4 BUD	14759327

Sta	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	08:09:59.604	0.5					T__		1.8		---	MLv	14759806	FDSN	GE	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.13	278.6	Lg	08:10:01.760	-0.2					T__				---		14759807	FDSN	GE	--	BUD	BUD	BHE	???	_
BSZH	0.61	168.6	Pg	08:10:07.417	-1.7					T__		0.3		---	MLv	14759808	FDSN	HU	--	BUD	BUD	HHN	HHZ	_
ABAH	0.87	62.3	Pn	08:10:14.141	-0.2					T__		0.1		---	MLv	14759809	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.87	62.3	Lg	08:10:27.296	0.1					T__				---		14759810	FDSN	HU	--	BUD	BUD	HHE	???	_
VYHS	1.03	305.9	Pn	08:10:17.068	0.6					T__		0.0		---	MLv	14759811	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.03	305.9	Lg	08:10:30.444	-1.0					T__				---		14759812	FDSN	SK	--	BUD	BUD	HHN	???	_
STHS	1.70	26.3	Lg	08:10:53.177	0.5					T__				---		14759813	FDSN	SK	--	BUD	BUD	EHN	???	_
JAVC	1.88	301.7	Sn	08:10:56.192	2.4					T__				---		14759814	FDSN	CZ	--	BUD	BUD	BHN	???	_
FDMO	6.92	227.9	Pg	08:12:07.540	-1.1					T__				---		14759815	FDSN	IR	--	ISC	BUD	???	???	_
FEMA	6.99	227.7	Pg	08:12:08.980	-1.2					T__				---		14759816	FDSN	IR	--	ISC	BUD	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/11/11	09:41:49.31	1.26	0.61	48.5694	20.7842	10.2	4.1	155	7.5F	10.9	10	7	145	0.22	1.30	m	ke BUD	14750113	iLoc			166

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.5	4 BUD	14750113

Sta	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	246.6	Pg	09:41:53.382	-0.5					T__	17.2	1.3		___	MLv	2.0	14750115	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.22	246.6	Lg	09:41:57.567	0.1					T__				---		14750116	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.0 1																									
ABAH	0.41	131.9	Pg	09:41:57.907	0.4					T__	2.8	0.1		___	MLv	1.3	14750117	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.3 1																									
CRVS	0.56	53.1	Pg	09:42:00.191	0.3					T__	1.8	0.0		___	MLv	0.8	14750118	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.56	53.1	Lg	09:42:08.986	-0.1					T__				---		14750119	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.8 1																									
PSZ	0.88	222.7	Pg	09:42:08.455	0.7					T__	1.4	0.0		___	MLv	1.6	14750120	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	222.7	Lg	09:42:20.296	-0.6					T__				---		14750121	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
KOLS	1.05	69.2	Lg	09:42:25.586	-0.3					T__				---		14750122	FDSN	SK	--	BUD	iLoc	HHE	???	_	
TRPA	1.25	109.9	Sn	09:42:30.414	-0.7					T__				---		14750123	FDSN	HU	--	BUD	iLoc	BHE	???	_	
VYHS	1.30	267.4	Sn	09:42:32.280	0.6					T__				---		14750124	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
2016/11/11	09:42:00.02	3.22	0.27	46.1002	18.3254	98.5	5.3	164	0.0A		4	2	203	0.16	0.25	m	kx BUD	14750142	iLoc			360
2016/11/11	09:42:00.03f		0.19	46.1765	18.2926f				0.0S		4		204	0.16	0.25	a	kx BUD_GT	14759329	BUD			360

(locality : Komló II.)  
(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
KOVH	0.16	236.7	Pg	09:42:03.897	0.0					T__		0.2		___	MLv	14759819	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	09:42:06.710	-0.3					T__				---		14759820	FDSN	HU	--	BUD	BUD	BHE	???	_
MORH	0.25	80.7	Pg	09:42:05.506	-0.0					T__		0.1		___	MLv	14759821	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	09:42:10.157	0.3					T__				---		14759822	FDSN	HU	--	BUD	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
2016/11/11	11:17:22.68	2.03	1.88	47.8111	19.2385	14.5	6.2	12	0.0S		5	3	206	0.15	0.45	m	kx BUD	14750150	iLoc			303

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.7	3 BUD	14750150

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A270A	0.15	283.0	Pg	11:17:26.013	-0.2					T__	91.8	3.2		___	MLv	2.2	14750152	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.2 1																									
A336A	0.45	339.3	Pg	11:17:32.157	0.2					T__	5.7	0.2		___	MLv	1.8	14750153	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.45	339.3	Lg	11:17:38.142	-0.7					T__				---		14750154	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Station ML : 1.8 1																									

PSZ	0.45	76.1	Pg	11:17:31.364	-1.3	T__	1.9	0.1	___	MLv	1.3	14750155	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.45	76.1	Lg	11:17:42.416	2.2	T__			---			14750156	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
2016/11/11	18:26:20.40	0.00		47.6900	16.8700				0.0A		15					a	ke PRU	14632301	ISC			360
2016/11/11	18:26:17.17	0.21	0.71	47.4148	16.8314	1.6	1.1	135	10.0F	0.0	45		5	0.46	1.80	a	ke VIE	14632297	ISC			360
2016/11/11	18:26:16.81	0.97	0.95	47.4521	16.8281	3.1	2.9	14	13.4F	9.1	58	40	28	0.19	2.74	m	ke BUD	14750191	iLoc			48

Magnitude	Err	Nsta	Author	OrigID
mb	1.9		VIE	14632297
m1	2.3		VIE	14632297
ML	2.4	0.2	33 BUD	14750191

Sta	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	0.19	206.2	Pg	18:26:21.361	-0.1					T__	55.6	6.2		___	MLv	2.6	14750193	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	2.6	1																						
SOP	0.29	321.8	Pg	18:26:23.599	0.3					T__	6.2	0.2		___	MLv	1.5	14750194	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.29	321.8	Lg	18:26:27.910	0.0					T__				---			14750195	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML	:	1.5	0																						
A003A	0.34	26.3	Pg	18:26:24.475	0.3					T__	6.4	1.1		___	MLv	2.3	14750196	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	2.3	1																						
EGYH	0.34	95.8	Pg	18:26:23.919	-0.3					T__	19.9	1.5		___	MLv	2.4	14750197	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	2.4	1																						
RONA	0.44	304.7	Pg	18:26:26.361	0.4					T__	25.3	5.3	0.06	---		14750198	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	0.44	304.7	Lg	18:26:33.058	0.5					T__		39.4	0.16	---		14750199	FDSN	IR	--	ISC	iLoc	???	???	_	
A261A	0.55	156.3	Pg	18:26:27.810	-0.2					T__	5.3	0.4		___	MLv	2.4	14750200	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	2.4	1																						
A009A	0.55	294.6	Pg	18:26:28.419	0.5					T__	15.8	0.5		___	MLv	2.5	14750201	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	2.5	1																						
MPLH	0.56	120.0	Pg	18:26:28.903	0.7					T__	8.0	0.3		___	MLv	2.2	14750202	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.56	120.0	Lg	18:26:35.532	-0.9					T__				---			14750203	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML	:	2.2	1																						
A262A	0.62	199.3	Pg	18:26:29.451	0.1					T__	8.2	1.0		___	MLv	2.9	14750204	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	2.9	0																						
A010A	0.64	233.7	Pg	18:26:29.804	0.4					T__	7.0	0.8		___	MLv	2.7	14750205	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	2.7	1																						
A339A	0.68	55.7	Pn	18:26:31.921	0.9					T__	3.0	0.6		___	MLv	2.7	14750206	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	2.7	1																						
A268A	0.74	91.2	Pn	18:26:32.027	0.1					T__	13.2	0.3		___	MLv	2.4	14750207	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	2.4	1																						
ZST	0.77	13.8	Pg	18:26:31.492	-0.7					T__	6.1	4.2		___	MLv	3.5	14750208	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	3.5	0																						
CONA	0.81	306.5	Pn	18:26:33.222	0.2					T__	3.0	0.1		___	MLv	2.0	14750209	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.81	306.5	Lg	18:26:44.590	0.3					T__				---			14750210	FDSN	OE	--	BUD	iLoc	BHN	???	_
CONA	0.81	306.5	Sg	18:26:44.298	-0.0					T__		7.1	0.12	---			14750211	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	:	2.0	0																						
A012A	0.86	280.7	Pn	18:26:34.074	0.3					T__	6.8	0.2		___	MLv	2.3	14750212	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	2.3	1																						
TIH	0.91	127.0	Pg	18:26:35.521	0.6					T__	2.8	0.5		___	MLv	2.7	14750213	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.91	127.0	Sn	18:26:47.989	-0.0					T__				---			14750214	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Station ML	:	2.7	1																						

ARSA	0.91	257.7	Pn	18:26:34.628	0.4	T__	4.3	0.1	---	MLv	2.1	14750215	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.91	257.7	Lg	18:26:46.734	-0.3	T__			---			14750216	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.1 0																				
A021A	0.98	224.9	Pn	18:26:35.768	0.6	T__	2.7	0.2	---	MLv	2.4	14750217	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.4 1																				
CSKK	0.98	94.7	Sn	18:26:48.764	-0.8	T__			---			14750218	FDSN	HU	--	BUD	iLoc	SHE	???	_
BEHE	0.98	182.1	Pn	18:26:36.496	0.9	T__	2.2	0.3	---	MLv	2.5	14750219	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.98	182.1	Sn	18:26:50.351	0.0	T__			---			14750220	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 2.5 1																				
SR0	1.07	69.7	Pn	18:26:37.079	0.7	T__	4.9	1.1	---	MLv	3.1	14750221	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	1.07	69.7	Sn	18:26:51.747	0.2	T__			---			14750222	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Station ML : 3.1 0																				
A269A	1.07	79.4	Pn	18:26:36.474	0.0	T__	8.4	0.4	---	MLv	2.7	14750223	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.7 1																				
KOGS	1.08	201.7	Pn	18:26:37.020	0.2	T__	2.1	0.9	---	MLv	3.1	14750224	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.08	201.7	Sn	18:26:52.123	-0.3	T__			---			14750225	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Station ML : 3.1 0																				
A020A	1.16	244.8	Pg	18:26:39.297	0.2	T__	2.6	0.2	---	MLv	2.3	14750226	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.3 1																				
A019A	1.18	270.3	Pg	18:26:39.721	-0.2	T__	1.8	0.1	---	MLv	2.1	14750227	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.1 0																				
SOKA	1.45	238.4	Pn	18:26:43.002	1.1	T__		4.1	0.18	---		14750228	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.45	238.4	Sn	18:27:02.489	1.2	T__		2.0	0.20	---		14750229	FDSN	IR	--	ISC	iLoc	???	???	_
BUD	1.49	88.0	Pn	18:26:42.647	0.3	T__	2.1	0.1	---	MLv	2.2	14750230	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																				
JAVC	1.52	21.5	Pn	18:26:43.818	0.8	T__	2.2	0.1	---	MLv	2.3	14750231	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.3 1																				
KRUC	1.64	350.0	Pn	18:26:45.272	0.9	T__	2.0	0.1	---	MLv	2.2	14750232	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	1.64	350.0	Sn	18:27:05.956	0.5	T__			---			14750233	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML : 2.2 1																				
VYHS	1.71	51.6	Pn	18:26:45.199	-0.2	T__	4.0	0.0	---	MLv	1.6	14750234	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.6 0																				
MORH	1.76	134.1	Pn	18:26:46.601	0.6	T__	2.2	0.0	---	MLv	2.2	14750235	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 0																				
MOA	1.78	283.9	Pg	18:26:49.410	-1.7	T__	11.6	2.0	0.15	---		14750236	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	1.78	283.9	Lg	18:27:13.418	-1.5	T__		2.9	0.22	---		14750237	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.82	239.7	Pn	18:26:49.148	2.0	T__	2.0	0.2	---	MLv	2.8	14750238	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.82	239.7	Pg	18:26:48.328	-3.2	T__		1.4	0.17	---		14750239	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.82	239.7	Sn	18:27:12.414	1.7	T__		7.8	0.40	---		14750240	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.8 0																				
VRAC	1.86	355.3	Pn	18:26:48.681	1.1	T__	1.7	0.1	---	MLv	2.3	14750241	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.3 1																				
CRES	1.88	210.6	Pn	18:26:48.344	0.4	T__	1.8	0.5	---	MLv	3.3	14750242	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.3 0																				
PSZ	2.12	76.2	Pn	18:26:51.909	0.4	T__	2.2	0.0	---	MLv	2.3	14750243	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	2.12	76.2	Sn	18:27:17.472	-0.4	T__			---			14750244	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.3 1																				
CKRC	2.17	310.0	Pg	18:26:57.652	-0.2	T__	2.5	0.1	---	MLv	2.7	14750245	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.7 1																				
MORC	2.37	11.3	Sn	18:27:24.105	0.4	T__			---			14750246	FDSN	CZ	--	BUD	iLoc	BHE	???	_
KRLC	2.63	359.3	Pn	18:27:00.500	2.2	T__			---			14750247	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	2.63	359.3	Pg	18:27:04.400	-1.0	T__			---			14750248	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.74	308.9	Pg	18:27:06.500	-2.3	T__			---			14750249	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			
KHC	2.74	308.9	Lg	18:27:43.000	-1.3		T__				4.9	0.50	---		14750250	FDSN	IR	--	ISC	iLoc	???	???	_		
2016/11/13	11:40:20.83	3.80	0.50	47.1166	19.7239	64.4	5.1	116	10.0A	6	3	211	0.81	1.52	m	ke	BUD	14750170	iLoc			351			
Magnitude	Err	Nsta	Author	OrigID																					
Sta	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	0.81	8.1	Pg	11:40:37.854	0.0					T__						14750172	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.81	8.1	Lg	11:40:49.758	-0.0					T__						14750173	FDSN	GE	--	BUD	iLoc	BHE	???	_	
MORH	1.17	219.9	Pg	11:40:44.202	0.3					T__						14750174	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	1.17	219.9	Lg	11:41:00.048	-0.5					T__						14750175	FDSN	HU	--	BUD	iLoc	BHN	???	_	
KOVH	1.52	228.0	Pg	11:40:50.693	-0.3					T__						14750176	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	1.52	228.0	Lg	11:41:12.662	0.6					T__						14750177	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
2016/11/14	00:55:25.40	0.00		47.9800	16.8200				10.0A		23					a	ke	PRU	14632343	ISC			360		
2016/11/14	00:55:25.24	0.14	1.31	47.9366	16.8193	1.2	0.9	12	11.1F	0.0	48		5	0.42	2.50	a	ke	VIE	14632339	ISC			360		
2016/11/14	00:55:24.85	0.90	1.07	47.9580	16.8499	2.4	2.3	30	8.4F	5.4	84	49	27	0.24	3.48	m	ke	BUD	14750394	iLoc			33		
Magnitude	Err	Nsta	Author	OrigID																					
mb	2.0		VIE	14632339																					
m1	2.4		VIE	14632339																					
ML	2.5	0.2	34	BUD	14750394																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A003A	0.24	145.5	Pg	00:55:30.428	0.3					T__	9.0	2.4		---	MLv	2.4	14750396	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A003A	0.24	145.5	Lg	00:55:34.602	0.6					T__						14750397	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Station ML	:	2.4	1																						
ZST	0.29	35.3	Pg	00:55:30.300	-0.8					T__	6.0	6.3		---	MLv	2.9	14750398	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.29	35.3	Lg	00:55:34.176	-1.4					T__						14750399	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML	:	2.9	0																						
A004A	0.30	271.1	Pg	00:55:31.519	0.4					T__	7.5	1.3		---	MLv	2.3	14750400	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.30	271.1	Lg	00:55:36.731	1.0					T__						14750401	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Station ML	:	2.3	0																						
SOP	0.34	215.7	Pg	00:55:29.100	-2.8					T__						14750402	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	0.34	215.7	Pb	00:55:31.594	-0.3					T__	8.0	0.4		---	MLv	1.8	14750403	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.34	215.7	Lg	00:55:36.606	-0.4					T__						14750404	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML	:	1.8	0																						
RONA	0.45	235.5	Pg	00:55:33.774	-0.4					T__	34.1	20.3	0.08	---		14750405	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	0.45	235.5	Lg	00:55:39.947	-1.2					T__		70.9	0.12	---		14750406	FDSN	IR	--	ISC	iLoc	???	???	_	
A339A	0.56	103.0	Pg	00:55:36.552	0.4					T__	3.2	0.5		---	MLv	2.5	14750407	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A339A	0.56	103.0	Lg	00:55:45.205	0.8					T__						14750408	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Station ML	:	2.5	1																						
A009A	0.58	241.5	Pg	00:55:35.913	-0.6					T__	5.2	0.2		---	MLv	2.2	14750409	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A009A	0.58	241.5	Lg	00:55:43.740	-1.5					T__						14750410	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Station ML	:	2.2	0																						
EGYH	0.63	148.8	Pg	00:55:37.651	0.0					T__	4.8	0.5		---	MLv	2.6	14750411	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_



EGYH 0.63 148.8 Lg	00:55:46.321	-0.6	T__			14750412	FDSN HU	-- BUD	iLoc	HHN ???	_
(Station ML : 2.6 1											
CONA 0.67 267.8 Pg	00:55:37.673	-0.6	T__	4.8	0.2	MLv 2.2 14750413	FDSN OE	-- BUD	iLoc	BHZ BHZ	_
CONA 0.67 267.8 Lg	00:55:47.159	-0.8	T__			14750414	FDSN OE	-- BUD	iLoc	BHN ???	_
CONA 0.67 267.8 Pb	00:55:37.800	-0.4	T__	10.5	7.2	0.10	14750415	FDSN IR	-- ISC	iLoc	??? ???
(Station ML : 2.2 0											
A260A 0.68 188.2 Pg	00:55:38.341	-0.2	T__	3.2	0.3	MLv 2.4 14750416	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A260A 0.68 188.2 Lg	00:55:47.999	-0.4	T__			14750417	FDSN Z3	00 BUD	iLoc	HHN ???	_
(Station ML : 2.4 1											
A337A 0.69 65.2 Pg	00:55:38.605	-0.1	T__	2.4	0.6	MLv 2.6 14750418	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A337A 0.69 65.2 Lg	00:55:48.740	0.1	T__			14750419	FDSN Z3	00 BUD	iLoc	HHN ???	_
(Station ML : 2.6 1											
A268A 0.90 125.6 Pn	00:55:42.629	0.0	T__	2.5	0.2	MLv 2.2 14750420	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Station ML : 2.2 0											
A008A 0.90 297.6 Pg	00:55:42.030	-0.2	T__	4.6	0.3	MLv 2.5 14750421	FDSN Z3	00 BUD	iLoc	HH2 HHZ	_
A008A 0.90 297.6 Lg	00:55:54.856	0.2	T__			14750422	FDSN Z3	00 BUD	iLoc	HH2 ???	_
(Station ML : 2.5 1											
MPLH 0.92 149.1 Pn	00:55:42.408	-0.5	T__	2.3	0.3	MLv 2.4 14750423	FDSN HU	-- BUD	iLoc	BHZ BHZ	_
MPLH 0.92 149.1 Lg	00:55:55.246	-0.5	T__			14750424	FDSN HU	-- BUD	iLoc	BHN ???	_
(Station ML : 2.4 1											
A012A 0.92 247.9 Pn	00:55:42.740	-0.5	T__	4.6	0.2	MLv 2.3 14750425	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Station ML : 2.3 1											
SRD 1.00 97.8 Pn	00:55:43.789	-0.2	T__	3.0	1.2	MLv 3.1 14750426	FDSN SK	-- BUD	iLoc	EHZ EHZ	_
SRD 1.00 97.8 Lg	00:55:57.984	-0.1	T__			14750427	FDSN SK	-- BUD	iLoc	EHE ???	_
(Station ML : 3.1 0											
A338A 1.01 86.2 Pn	00:55:44.307	0.1	T__	2.9	0.4	MLv 2.7 14750428	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A338A 1.01 86.2 Lg	00:55:58.105	-0.5	T__			14750429	FDSN Z3	00 BUD	iLoc	HH2 ???	_
(Station ML : 2.7 1											
A010A 1.03 210.8 Pn	00:55:44.432	-0.0	T__	2.0	0.3	MLv 2.6 14750430	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Station ML : 2.6 1											
JAVC 1.05 30.9 Pn	00:55:44.730	-0.4	T__	1.1	0.2	MLv 2.3 14750431	FDSN CZ	-- BUD	iLoc	BHZ BHZ	_
(Station ML : 2.3 1											
A269A 1.08 106.6 Pn	00:55:45.162	0.0	T__	2.3	0.2	MLv 2.5 14750432	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Station ML : 2.5 1											
A335A 1.11 63.2 Pn	00:55:45.550	-0.1	T__	10.7	0.7	MLv 3.0 14750433	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Station ML : 3.0 0											
A262A 1.12 191.4 Pn	00:55:46.674	0.8	T__	1.7	0.3	MLv 2.6 14750434	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A262A 1.12 191.4 Sn	00:56:02.157	0.1	T__			14750435	FDSN Z3	00 BUD	iLoc	HHE ???	_
(Station ML : 2.6 1											
CSKK 1.12 121.4 Pn	00:55:45.941	0.2	T__	2.0	1.5	MLv 3.3 14750436	FDSN HU	-- BUD	iLoc	SHZ SHZ	_
CSKK 1.12 121.4 Sn	00:56:00.919	-1.1	T__			14750437	FDSN HU	-- BUD	iLoc	SHZ ???	_
(Station ML : 3.3 0											
ARSA 1.14 232.2 Pn	00:55:46.304	0.3	T__	9.8	2.3	0.15	14750438	FDSN IR	-- ISC	iLoc	??? ???
ARSA 1.14 232.2 Sn	00:56:01.150	-1.3	T__		9.7	0.28	14750439	FDSN IR	-- ISC	iLoc	??? ???
ARSA 1.14 232.2 Pg	00:55:46.502	-0.6	T__	2.9	0.2	MLv 2.4 14750440	FDSN OE	-- BUD	iLoc	BHZ BHZ	_
ARSA 1.14 232.2 Lg	00:56:01.930	-0.7	T__			14750441	FDSN OE	-- BUD	iLoc	BHZ ???	_
(Station ML : 2.4 1											
KRUC 1.15 344.9 Pg	00:55:46.266	-0.5	T__	1.5	0.1	MLv 2.3 14750442	FDSN CZ	-- BUD	iLoc	BHZ BHZ	_
KRUC 1.15 344.9 Lg	00:56:01.701	-0.4	T__			14750443	FDSN CZ	-- BUD	iLoc	BHE ???	_
(Station ML : 2.3 1											
TIH 1.27 146.0 Pg	00:55:50.156	0.2	T__	1.9	0.5	MLv 2.9 14750444	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
(Station ML : 2.9 1											
A019A 1.30 247.4 Pg	00:55:49.516	-0.8	T__	2.5	0.1	MLv 2.4 14750445	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_

(Station ML : 2.4 1																			
VRAC 1.36 352.9 Pn	00:55:49.623	0.5	T__	1.4	0.1	---	MLv	2.3	14750446	FDSN	CZ	--	BUD	iLoc	BHN	BHZ	_		
VRAC 1.36 352.9 Sn	00:56:07.081	-0.5	T__			---			14750447	FDSN	CZ	--	BUD	iLoc	BHE	???	_		
(Station ML : 2.3 1																			
VYHS 1.43 67.3 Pn	00:55:49.676	-0.5	T__	3.0	0.0	---	MLv	1.8	14750448	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VYHS 1.43 67.3 Sn	00:56:10.508	1.1	T__			---			14750449	FDSN	SK	--	BUD	iLoc	HHE	???	_		
(Station ML : 1.8 0																			
BEHE 1.49 182.0 Lg	00:56:13.887	-0.7	T__			---			14750450	FDSN	HU	--	BUD	iLoc	BHE	???	_		
KOGS 1.56 195.4 Pg	00:55:54.674	-0.8	T__	1.1	0.5	---	MLv	3.1	14750451	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_		
KOGS 1.56 195.4 Sn	00:56:15.107	1.9	T__			---			14750452	FDSN	SL	--	BUD	iLoc	BHN	???	_		
(Station ML : 3.1 0																			
TREC 1.61 326.5 Pn	00:55:53.700	1.1	T__			---			14750453	FDSN	IR	--	ISC	iLoc	???	???	_		
TREC 1.61 326.5 Sn	00:56:14.635	0.6	T__			---			14750454	FDSN	CZ	--	BUD	iLoc	BHZ	???	_		
TREC 1.61 326.5 Lg	00:56:15.000	-1.7	T__			---			14750455	FDSN	IR	--	ISC	iLoc	???	???	_		
MOA 1.74 267.4 Pn	00:55:56.381	1.9	T__		19.7	0.60	---		14750455	FDSN	IR	--	ISC	iLoc	???	???	_		
MOA 1.74 267.4 Sn	00:56:18.633	1.0	T__		1.1	0.15	---		14750456	FDSN	IR	--	ISC	iLoc	???	???	_		
SOKA 1.78 224.7 Pn	00:55:57.108	2.1	T__	6.6	12.6	0.35	---		14750457	FDSN	IR	--	ISC	iLoc	???	???	_		
MORC 1.88 13.8 Pn	00:55:57.504	1.1	T__		4.3	0.42	---		14750458	FDSN	IR	--	ISC	iLoc	???	???	_		
MORC 1.88 13.8 Sn	00:56:21.465	0.9	T__	1.1	0.1		MLv	2.5	14750459	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_		
(Station ML : 2.5 1																			
CKRC 1.90 297.9 Pg	00:55:59.053	-1.7	T__	1.2	0.2		MLv	2.9	14750461	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_		
CKRC 1.90 297.9 Lg	00:56:23.613	-2.1	T__						14750462	FDSN	CZ	--	BUD	iLoc	BHN	???	_		
(Station ML : 2.9 1																			
KOVH 2.06 155.0 Pn	00:55:59.528	0.6	T__	1.3	0.1		MLv	2.6	14750463	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
(Station ML : 2.6 1																			
KRLC 2.12 358.8 Pg	00:56:02.100	-1.8	T__						14750464	FDSN	IR	--	ISC	iLoc	???	???	_		
KRLC 2.12 358.8 Sn	00:56:27.000	0.6	T__						14750465	FDSN	IR	--	ISC	iLoc	???	???	_		
MORH 2.13 144.2 Pn	00:55:59.805	-0.0	T__	0.9	0.1		MLv	2.5	14750466	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
(Station ML : 2.5 1																			
BIOA 2.18 264.2 Pn	00:56:03.250	2.6	T__		2.7	0.26	---		14750467	FDSN	IR	--	ISC	iLoc	???	???	_		
BIOA 2.18 264.2 Sn	00:56:31.056	2.7	T__	7.0	12.9	0.38	---		14750468	FDSN	IR	--	ISC	iLoc	???	???	_		
CRES 2.34 204.6 Pn	00:56:03.664	0.8	T__	1.1	0.4		MLv	3.4	14750469	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_		
(Station ML : 3.4 0																			
GOPC 2.38 326.0 Lg	00:56:40.500	0.2	T__		4.4	0.30	---		14750470	FDSN	IR	--	ISC	iLoc	???	???	_		
DPC 2.42 352.0 Sn	00:56:33.400	-0.5	T__						14750471	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC 2.47 299.6 Pn	00:56:06.100	1.6	T__						14750472	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC 2.47 299.6 x	00:56:11.000	-99.0	---						14750473	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC 2.47 299.6 Sn	00:56:35.600	0.4	T__						14750474	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC 2.47 299.6 x	00:56:42.500	-99.0	---						14750475	FDSN	IR	--	ISC	iLoc	???	???	_		
KBA 2.53 251.0 Sn	00:56:39.645	2.1	T__		3.9	0.60	---		14750476	FDSN	IR	--	ISC	iLoc	???	???	_		
PRU 2.54 324.1 Pg	00:56:10.800	-1.9	T__						14750477	FDSN	IR	--	ISC	iLoc	???	???	_		
PRU 2.54 324.1 Lg	00:56:44.200	-0.7	T__		10.0	0.40	---		14750478	FDSN	IR	--	ISC	iLoc	???	???	_		
OSTC 2.63 351.2 Lg	00:56:48.800	2.0	T__						14750479	FDSN	IR	--	ISC	iLoc	???	???	_		
CHVC 2.68 349.1 Lg	00:56:50.200	1.8	T__						14750480	FDSN	IR	--	ISC	iLoc	???	???	_		
BRG 3.48 328.0 Lg	00:57:14.830	0.3	T__						14750481	FDSN	IR	--	ISC	iLoc	???	???	_		
BRG 3.48 328.0 x	00:57:16.810	-99.0	---		4.5	0.70	---		14750482	FDSN	IR	--	ISC	iLoc	???	???	_		
BRG 3.48 328.0 x	00:59:22.240	-99.0	---						14750483	FDSN	IR	--	ISC	iLoc	???	???	_		
BRG 3.48 328.0 x	00:59:25.810	-99.0	---		19.8	1.40	---		14750484	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
2016/11/14	10:19:42.49	2.35	0.62	48.5852	20.7650	19.8	6.1	5	3.7F	14.1	8	4	225	0.21	1.29	m	ke	BUD	14750638	iLoc		314

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.4 4 BUD 14750638

Sta	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	241.3	Pg	10:19:46.889	0.0					T__	17.9	1.7		---	MLv	2.1	14750640	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	241.3	Lg	10:19:50.292	0.0					T__				---		14750641	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.1 1																									
ABAH	0.43	132.3	Pg	10:19:51.632	0.6					T__	2.2	0.1		---	MLv	1.4	14750642	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.43	132.3	Lg	10:19:57.080	-1.0					T__				---		14750643	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.4 1																									
PSZ	0.89	221.4	Pn	10:20:01.170	0.2					T__	1.3	0.1		---	MLv	1.8	14750644	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.89	221.4	Lg	10:20:14.354	-0.1					T__				---		14750645	FDSN	GE	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.8 1																									
VYHS	1.29	266.6	Pn	10:20:06.356	-0.1					T__	1.5	0.0		---	MLv	1.3	14750646	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	266.6	Sn	10:20:25.136	-0.2					T__				---		14750647	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  
 2016/11/14 14:15:20.31 1.86 0.73 48.5447 20.8311 18.6 5.7 12 0.0A 8 4 223 0.24 1.33 m ke BUD 14750665 iLoc 316

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.3 4 BUD 14750665

Sta	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	0.24	255.1	Pg	14:15:24.618	-0.6					T__	4.4	0.5		---	MLv	1.7	14750667	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.24	255.1	Lg	14:15:28.715	-0.3					T__				---		14750668	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 1.7 1																									
ABAH	0.37	132.3	Pg	14:15:28.302	0.4					T__	1.8	0.1		---	MLv	1.3	14750669	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	132.3	Lg	14:15:33.129	-1.2					T__				---		14750670	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.3 1																									
PSZ	0.89	225.3	Pn	14:15:39.448	0.1					T__	1.8	0.1		---	MLv	1.7	14750671	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.89	225.3	Lg	14:15:53.223	0.5					T__				---		14750672	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
VYHS	1.33	268.6	Pn	14:15:45.775	0.4					T__	1.2	0.0		---	MLv	1.3	14750673	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.33	268.6	Sn	14:16:05.485	0.3					T__				---		14750674	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  
 2016/11/15 08:35:03.20 1.10 1.03 47.1395 18.1472 6.3 5.3 121 5.0A 10 5 104 0.24 1.42 m ke BUD 14750732 iLoc 197

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.0 5 BUD 14750732

Sta	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	0.24	19.0	Pg	08:35:08.585	0.3					T__	5.9	1.8		---	MLv	2.2	14750734	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.24	19.0	Lg	08:35:13.752	1.6					T__				---		14750735	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 2.2 0																									
MPLH	0.42	274.5	Pg	08:35:12.194	0.5					T__	4.9	0.1		---	MLv	1.5	14750736	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.42	274.5	Lg	08:35:16.491	-1.5					T__				---		14750737	FDSN	HU	--	BUD	iLoc	BHE	???	_	

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(Station ML : 1.5 1
MORH 0.99 159.5 Pg 08:35:23.201 0.5 T__ 1.5 0.0 ___ MLv 1.5 14750738 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 0.99 159.5 Lg 08:35:37.212 0.2 T__ ___ 14750739 FDSN HU -- BUD iLoc BHN ??? _
(Station ML : 1.5 0
KOVH 1.05 181.8 Pn 08:35:23.740 0.3 T__ 1.3 0.0 ___ MLv 1.6 14750740 FDSN HU -- BUD iLoc BHZ BHZ _
KOVH 1.05 181.8 Sn 08:35:38.843 -0.5 T__ ___ 14750741 FDSN HU -- BUD iLoc BHE ??? _
(Station ML : 1.6 1
PSZ 1.42 56.0 Pg 08:35:31.284 -0.6 T__ 1.4 0.1 ___ MLv 2.0 14750742 FDSN GE -- BUD iLoc BHN BHZ _
PSZ 1.42 56.0 Lg 08:35:50.861 -1.0 T__ ___ 14750743 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
2016/11/15 11:20:21.43 1.13 0.70 48.5646 20.7707 6.6 4.4 146 10.1F 9.2 13 7 133 0.21 1.26 m ke BUD 14750692 iLoc 166

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 6 BUD 14750692

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Sta 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 0.21 246.9 Pg 11:20:25.779 -0.2 T__ 13.4 1.3 ___ MLv 2.0 14750694 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.21 246.9 Lg 11:20:29.839 0.3 T__ ___ 14750695 FDSN SK -- BUD iLoc EHE ??? _
(Station ML : 2.0 1
ABAH 0.41 130.5 Pg 11:20:30.051 0.3 T__ 2.5 0.1 ___ MLv 1.5 14750696 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.41 130.5 Lg 11:20:36.038 -0.7 T__ ___ 14750697 FDSN HU -- BUD iLoc HHN ??? _
(Station ML : 1.5 1
CRVS 0.57 53.3 Pg 11:20:32.343 0.1 T__ 1.5 0.0 ___ MLv 1.0 14750698 FDSN SK -- BUD iLoc HHZ HHZ _
CRVS 0.57 53.3 Lg 11:20:40.626 -1.0 T__ ___ 14750699 FDSN SK -- BUD iLoc HHE ??? _
(Station ML : 1.0 0
PSZ 0.87 222.5 Pn 11:20:39.119 0.1 T__ 2.9 0.1 ___ MLv 2.0 14750700 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.87 222.5 Lg 11:20:52.237 -0.3 T__ ___ 14750701 FDSN GE -- BUD iLoc BHE ??? _
(Station ML : 2.0 1
STHS 0.91 19.9 Pg 11:20:38.836 0.6 T__ 3.5 0.1 ___ MLv 1.9 14750702 FDSN SK -- BUD iLoc EHZ EHZ _
STHS 0.91 19.9 Lg 11:20:51.142 -0.9 T__ ___ 14750703 FDSN SK -- BUD iLoc EHN ??? _
(Station ML : 1.9 1
KOLS 1.06 69.1 Lg 11:20:58.084 -0.1 T__ ___ 14750704 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.26 109.6 Pn 11:20:45.519 1.0 T__ 1.5 0.1 ___ MLv 2.0 14750705 FDSN HU -- BUD iLoc BHZ BHZ _
TRPA 1.26 109.6 Sn 11:21:02.106 -0.7 T__ ___ 14750706 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
2016/11/16 09:00:15.15 1.14 1.24 48.5305 20.7691 6.8 4.0 154 6.9F 10.8 13 9 97 0.19 1.25 m ke BUD 14750782 iLoc 129

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 4 BUD 14750782

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Sta 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 0.19 256.0 Pg 09:00:18.893 -0.4 T__ 23.4 1.5 ___ MLv 2.0 14750784 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.19 256.0 Lg 09:00:23.001 0.5 T__ ___ 14750785 FDSN SK -- BUD iLoc EHN ??? _
(Station ML : 2.0 1
ABAH 0.39 126.6 Pg 09:00:23.503 0.5 T__ 2.4 0.1 ___ MLv 1.4 14750786 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 126.6 Lg 09:00:29.195 -0.4 T__ ___ 14750787 FDSN HU -- BUD iLoc HHE ??? _

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(Station ML : 1.4 1	CRVS	0.59	50.7	Lg	09:00:34.493	-1.5	T__							14750788	FDSN	SK	--	BUD	iLoc	HNN	???	_
	PSZ	0.85	224.0	Pg	09:00:33.499	0.6	T__	1.8	0.1	---	MLv	1.8		14750789	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
	PSZ	0.85	224.0	Lg	09:00:44.704	-0.9	T__			---				14750790	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.8 1	NIE	0.94	341.5	Pn	09:00:34.788	0.7	T__	1.2	0.0	---	MLv	1.6		14750791	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.6 1	STHS	0.94	19.2	Lg	09:00:45.285	-1.4	T__			---				14750792	FDSN	SK	--	BUD	iLoc	EHN	???	_
	MASL	0.94	58.8	Pg	09:00:34.532	1.8	T__			---				14750793	FDSN	SK	--	BUD	iLoc	EHZ	???	_
	MASL	0.94	58.8	Lg	09:00:46.690	-1.0	T__			---				14750794	FDSN	SK	--	BUD	iLoc	EHE	???	_
	KOLS	1.07	67.4	Lg	09:00:51.183	-1.4	T__			---				14750795	FDSN	SK	--	BUD	iLoc	HHE	???	_
	TRPA	1.25	108.1	Sn	09:00:56.008	-0.9	T__			---				14750796	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
2016/11/16	09:54:56.82	3.21	0.01	45.8980	18.3892	25.6	8.4	173	0.0A		4	2	284	0.28	0.36	m	kx	BUD	14750814	iLoc		360
2016/11/16	09:54:55.87f		0.28	45.8525	18.3977f				0.0S		4		293	0.31	0.40	a	kx	BUD_GT	14759331	BUD		360
(GT info : GT2 explosion)																						
(locality : Nagyharsány I.)																						

Magnitude Err Nsta Author OrigID

Sta	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	0.31	318.7	Pg	09:55:02.997	0.2					T__		0.1		---	MLv	14759825	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.31	318.7	Lg	09:55:07.854	-0.3					T__				---		14759826	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.40	25.2	Pg	09:55:04.643	0.2					T__	0.0			---	MLv	14759827	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.40	25.2	Lg	09:55:10.703	-0.3					T__				---		14759828	FDSN	HU	--	BUD	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
2016/11/18	11:11:37.74	1.12	1.01	48.5943	20.8936	5.8	4.0	141	8.5F	10.0	15	9	88	0.29	1.78	m	ke	BUD	14751474	iLoc		127

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.0 5 BUD 14751474

Sta	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	0.29	247.9	Pg	11:11:43.739	-0.1					T__	5.9	0.5		---	MLv	1.8	14751476	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.29	247.9	Lg	11:11:48.499	0.0					T__				---		14751477	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.8 1	ABAH	0.38	142.2	Pg	11:11:45.861	0.5				T__	1.8	0.1		---	MLv	1.4	14751478	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
	ABAH	0.38	142.2	Lg	11:11:51.329	-0.4				T__				---		14751479	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Station ML : 1.4 1	CRVS	0.49	50.4	Pg	11:11:46.826	-0.2				T__	2.6	0.0		---	MLv	1.0	14751480	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
	CRVS	0.49	50.4	Lg	11:11:53.258	-1.8				T__				---		14751481	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Station ML : 1.0 0	MASL	0.84	59.8	Pg	11:11:55.317	1.9				T__				---		14751482	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
	MASL	0.84	59.8	Lg	11:12:07.152	0.3				T__				---		14751483	FDSN	SK	--	BUD	iLoc	EHN	???	_	
	STHS	0.85	15.5	Pg	11:11:54.642	1.1				T__	7.0	0.2		---	MLv	2.2	14751484	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
	STHS	0.85	15.5	Lg	11:12:05.673	-0.8				T__				---		14751485	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.2 0																									

PSZ	0.95	225.0	Pn	11:11:56.989	0.3	T__	1.7	0.1	---	MLv	1.8	14751486	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.95	225.0	Lg	11:12:11.526	-0.0	T__			---			14751487	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.8 1																				
KOLS	0.97	69.1	Lg	11:12:11.011	-0.7	T__			---			14751488	FDSN	SK	--	BUD	iLoc	HHN	???	_
TRPA	1.19	112.3	Sn	11:12:16.932	-1.0	T__			---			14751489	FDSN	HU	--	BUD	iLoc	BHN	???	_
OJC	1.78	336.7	Sn	11:12:32.656	-0.6	T__			---			14751490	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
2016/11/20	20:31:41.45	1.38	1.40	45.9623	19.6654	7.1	4.6	23	3.4F	11.9	14	8	104	0.75	1.96	m	ke	BUD	14751512	iLoc		131

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	6 BUD	14751512

Sta	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	0.75	290.0	Pg	20:31:56.596	0.1					T__	1.3	0.0		---	MLv	1.3	14751514	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.75	290.0	Lg	20:32:06.444	-1.3					T__				---		14751515	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.3 0																									
AMBH	0.83	61.9	Pn	20:31:58.834	0.3					T__	2.5	0.2		---	MLv	2.3	14751516	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
AMBH	0.83	61.9	Sn	20:32:10.845	-1.2					T__				---		14751517	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.3 0																									
FRGS	0.84	171.7	Pg	20:31:58.773	1.2					T__	7.4	0.1		---	MLv	2.1	14751518	FDSN	SJ	--	BUD	iLoc	HHZ	HHZ	_
FRGS	0.84	171.7	Lg	20:32:10.260	0.1					T__				---		14751519	FDSN	SJ	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.1 1																									
KOVH	1.10	277.2	Pg	20:32:04.104	0.7					T__	1.3	0.0		---	MLv	1.6	14751520	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.10	277.2	Sn	20:32:17.735	-1.0					T__				---		14751521	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
SIRR	1.42	77.0	Pg	20:32:09.665	-0.3					T__	1.1	0.0		---	MLv	1.6	14751522	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	1.42	77.0	Sn	20:32:26.821	0.1					T__				---		14751523	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.6 1																									
BZS	1.42	103.3	Pg	20:32:08.984	-0.1					T__	2.1	0.0		---	MLv	1.8	14751524	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	1.42	103.3	Sn	20:32:27.660	1.4					T__				---		14751525	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
DIVS	1.88	172.8	Lg	20:32:40.905	-2.2					T__				---		14751526	FDSN	MN	--	BUD	iLoc	BHN	???	_	
PSZ	1.96	4.5	Sn	20:32:42.771	2.6					T__				---		14751527	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
2016/11/22	12:04:51.81	1.22	0.73	48.7219	21.4961	6.5	5.3	101	18.3F	9.8	11	6	95	0.18	0.91	m	ke	BUD	14751553	iLoc		144

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	14751553

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CRVS	0.18	352.8	Pg	12:04:55.703	-0.8					T__	12.3	0.1		---	MLv	0.8	14751555	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.18	352.8	Lg	12:05:00.930	0.3					T__				---		14751556	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.8 0																									
ABAH	0.46	201.9	Pg	12:05:01.793	0.5					T__	1.7	0.1		---	MLv	1.4	14751557	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
ABAH	0.46	201.9	Lg	12:05:10.105	1.0					T__				---		14751558	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.4 1																									

KOLS	0.56	67.3	Pg	12:05:03.203	0.5	T__	4.9	11.1	---	MLv	3.9	14751559	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 3.9 0																					
KECS	0.71	250.8	Pg	12:05:05.734	-0.4	T__	2.2	0.1	---	MLv	2.0	14751560	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.71	250.8	Lg	12:05:16.644	-0.1	T__			---			14751561	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.0 1																					
STHS	0.71	346.7	Pg	12:05:05.823	0.6	T__	3.1	0.1	---	MLv	1.8	14751562	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
STHS	0.71	346.7	Sn	12:05:18.564	-0.0	T__			---			14751563	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.8 1																					
TRPA	0.91	130.0	Pg	12:05:09.050	-0.4	T__	2.5	0.1	---	MLv	1.9	14751564	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
TRPA	0.91	130.0	Sn	12:05:22.691	-1.0	T__			---			14751565	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
2016/11/22	12:42:06.03	0.24	0.48	46.3052	21.9694	2.1	1.4	134	3.0A		19	146		0.22	2.31	a	ke BUC	14633271	ISC			360
2016/11/22	12:42:05.42	1.21	0.88	46.3241	21.9813	5.7	3.2	120	1.0F	7.5	35	10	151	0.23	2.32	m	ke BUD	14751620	iLoc			208

Magnitude	Err	Nsta	Author	OrigID
ml	1.9		BUC	14633271
ML	2.2	0.1	5 BUD	14751620

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SIRR	0.23	255.2	Pg	12:42:10.201	-0.2					T__	18.3	0.4		---	MLv	1.6	14751622	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.23	255.2	Lg	12:42:13.700	-0.5					T__				---			14751623	FDSN	RO	--	BUD	iLoc	BHE	???	_
SIRR	0.23	255.9	Sg	12:42:13.533	-0.7					T__		0.4		---			14751624	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.6 0																									
SURR	0.58	170.0	Pg	12:42:16.146	-0.6					T__				---			14751625	FDSN	IR	--	ISC	iLoc	???	???	_
SURR	0.58	170.0	Lg	12:42:25.000	-0.1					T__				---			14751627	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.69	46.9	Pg	12:42:19.124	-0.1					T__				---			14751628	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.69	46.9	Lg	12:42:29.836	-0.6					T__				---			14751630	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.69	46.9	Pb	12:42:19.281	0.1					T__	1.0	0.2		---	MLv	2.2	14751631	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.69	46.9	Sg	12:42:29.261	-1.2					T__				---			14751632	FDSN	RO	--	BUD	iLoc	BHZ	???	_
(Station ML : 2.2 1																									
BZS	0.74	198.8	Pg	12:42:19.916	-0.1					T__	4.3	0.1		---	MLv	1.7	14751633	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.74	198.8	Lg	12:42:30.191	-0.6					T__				---			14751634	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Station ML : 1.7 1																									
MARR	0.86	65.5	Pg	12:42:22.488	-0.1					T__				---			14751635	FDSN	IR	--	ISC	iLoc	???	???	_
MARR	0.86	65.5	Pg	12:42:22.488	-0.1					T__		0.1		---			14751636	FDSN	IR	--	ISC	iLoc	???	???	_
MARR	0.86	65.5	Lg	12:42:34.437	-1.8					T__		0.1		---			14751637	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.08	148.9	Pg	12:42:26.028	-0.2					T__	13.5	0.1		---	MLv	2.2	14751638	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.08	148.9	Pb	12:42:26.269	0.1					T__				---			14751639	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.08	148.9	Pb	12:42:26.269	0.1					T__		0.1		---			14751640	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.08	148.9	Lg	12:42:41.530	-0.1					T__				---			14751641	FDSN	RO	--	BUD	iLoc	BHN	???	_
GZR	1.08	148.9	Sg	12:42:41.653	-0.0					T__		0.1		---			14751642	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.2 1																									
CJR	1.18	70.2	Pg	12:42:29.773	1.3					T__				---			14751643	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.18	70.2	Pg	12:42:29.773	1.3					T__		0.2		---			14751644	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.18	70.2	Sn	12:42:46.157	-0.4					T__		0.2		---			14751645	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.18	70.2	Lg	12:42:46.328	-0.5					T__				---			14751646	FDSN	RO	--	BUD	iLoc	BHE	???	_
HERR	1.48	167.9	Pg	12:42:33.892	0.4					T__				---			14751647	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.48	167.9	Sn	12:42:53.657	0.6					T__				---			14751649	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.53	124.4	Pn	12:42:34.183	1.0					T__				---			14751650	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.53	124.4	Sn	12:42:55.120	0.2					T__				---			14751652	FDSN	IR	--	ISC	iLoc	???	???	_

LOT 1.53 124.5 Pg 12:42:34.296 -0.4 T\_\_ 6.3 0.1 \_\_\_ MLv 2.2 14751653 FDSN RO -- BUD iLoc BHZ BHZ \_  
 LOT 1.53 124.5 Lg 12:42:54.374 -3.0 T\_\_ 14751654 FDSN RO -- BUD iLoc BHE ??? \_  
 (Station ML : 2.2 0  
 VOIR 2.32 111.4 Sn 12:43:16.183 0.8 T\_\_ 14751655 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  
 2016/11/23 11:17:36.72 1.28 0.68 48.5611 20.7878 7.5 4.9 147 7.4F 14.5 10 7 130 0.22 1.25 m ke BUD 14751591 iLoc 163

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.4 4 BUD 14751591

Sta 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 0.22 248.9 Pg 11:17:40.844 -0.5 T\_\_ 25.8 1.8 \_\_\_ MLv 2.2 14751593 FDSN SK -- BUD iLoc EHE EHZ \_  
 KECS 0.22 248.9 Lg 11:17:45.103 0.3 T\_\_ 14751594 FDSN SK -- BUD iLoc EHE ??? \_  
 (Station ML : 2.2 1  
 ABAH 0.40 131.2 Pg 11:17:45.118 0.3 T\_\_ 2.2 0.1 \_\_\_ MLv 1.2 14751595 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ABAH 0.40 131.2 Lg 11:17:51.112 -0.4 T\_\_ 14751596 FDSN HU -- BUD iLoc HHE ??? \_  
 (Station ML : 1.2 1  
 CRVS 0.56 52.3 Pg 11:17:47.705 0.3 T\_\_ 2.0 0.0 \_\_\_ MLv 1.0 14751597 FDSN SK -- BUD iLoc HHZ HHZ \_  
 CRVS 0.56 52.3 Lg 11:17:55.574 -1.0 T\_\_ 14751598 FDSN SK -- BUD iLoc HHN ??? \_  
 (Station ML : 1.0 1  
 PSZ 0.88 223.2 Pg 11:17:55.784 0.7 T\_\_ 1.2 0.0 \_\_\_ MLv 1.5 14751599 FDSN GE -- BUD iLoc BHZ BHZ \_  
 (Station ML : 1.5 1  
 STHS 0.91 19.2 Lg 11:18:07.389 0.2 T\_\_ 14751600 FDSN SK -- BUD iLoc EHN ??? \_  
 MASL 0.92 60.1 Lg 11:18:09.009 0.6 T\_\_ 14751601 FDSN SK -- BUD iLoc EHE ??? \_  
 TRPA 1.25 109.6 Sn 11:18:17.924 -0.5 T\_\_ 14751602 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  
 2016/11/23 14:03:27.59 1.49 0.72 47.9059 20.0412 13.4 8.7 166 7.6F 10.0 8 6 193 0.10 1.52 m kx BUD 14751685 iLoc 229  
 2016/11/23 14:03:27.35f 0.83 47.8987 20.0893f 0.0S 8 200 0.13 1.53 a kx BUD\_GT 14759333 BUD 238

(GT info : GT2 explosion)  
 (locality : Recsk)

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.3 4 BUD 14751685  
 ML 1.7 0.3 4 BUD 14759333

Sta 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 14:03:30.450 -0.3 T\_\_ 1.8 \_\_\_ MLv 14759831 FDSN GE -- BUD BUD BHZ BHZ \_  
 ET1H 0.15 262.5 Pg 14:03:30.739 -0.2 T\_\_ 0.7 \_\_\_ MLv 14759832 FDSN HU -- BUD BUD HHZ HHZ \_  
 KECS 0.64 24.2 Lg 14:03:50.799 0.8 T\_\_ 14759833 FDSN SK -- BUD BUD EHE ??? \_  
 ABAH 0.87 62.3 Pn 14:03:45.996 0.0 T\_\_ 0.1 \_\_\_ MLv 14759834 FDSN HU -- BUD BUD HHZ HHZ \_  
 ABAH 0.87 62.3 Lg 14:03:58.405 -0.5 T\_\_ 14759835 FDSN HU -- BUD BUD HHE ??? \_  
 VYHS 1.03 305.9 Pg 14:03:47.295 -0.7 T\_\_ 0.0 \_\_\_ MLv 14759836 FDSN SK -- BUD BUD HHZ HHZ \_  
 VYHS 1.03 305.9 Lg 14:04:01.151 -2.0 T\_\_ 14759837 FDSN SK -- BUD BUD HHN ??? \_  
 NIE 1.53 5.5 Lg 14:04:18.541 0.3 T\_\_ 14759838 FDSN PL -- BUD BUD BHZ ??? \_



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/11/24	11:12:41.42	1.15	1.32	48.4970	20.8011	5.8	4.0	174	5.5F	10.8	15	9	102	0.21	1.31	m	ke BUD	14751712	iLoc			141

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	6 BUD	14751712

Sta	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	266.4	Pg	11:12:45.040	-0.8				T__		25.2	2.1		___	MLv	2.2	14751714	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	266.4	Lg	11:12:48.971	-0.3				T__					---		14751715	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.2 0																									
ABAH	0.35	124.4	Pg	11:12:49.026	0.5				T__		2.0	0.1		___	MLv	1.1	14751716	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
ABAH	0.35	124.4	Lg	11:12:55.316	0.8				T__					---		14751717	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.1 1																									
CRVS	0.60	46.9	Pg	11:12:52.043	-0.7				T__		2.7	0.0		___	MLv	0.9	14751718	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.60	46.9	Lg	11:13:00.273	-2.1				T__					---		14751719	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.9 0																									
PSZ	0.84	226.7	Pg	11:12:59.346	0.3				T__		2.0	0.0		___	MLv	1.6	14751720	FDSN	GE	--	BUD	iLoc	BHN	BHZ	_
(Station ML : 1.6 1																									
MASL	0.94	56.5	Pn	11:13:02.498	1.9				T__					---		14751721	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MASL	0.94	56.5	Lg	11:13:13.852	-0.1				T__					---		14751722	FDSN	SK	--	BUD	iLoc	EHN	???	_	
NIE	0.98	341.0	Pg	11:13:01.087	1.3				T__		1.7	0.0		___	MLv	1.4	14751723	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.98	341.0	Lg	11:13:14.758	0.8				T__					---		14751724	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.4 1																									
KOLS	1.07	65.3	Lg	11:13:16.798	-1.8				T__					---		14751725	FDSN	SK	--	BUD	iLoc	HHE	???	_	
TRPA	1.22	106.9	Sn	11:13:21.395	-1.3				T__					---		14751726	FDSN	HU	--	BUD	iLoc	BHN	???	_	
VYHS	1.31	270.6	Pn	11:13:05.677	0.2				T__		1.5	0.0		___	MLv	1.0	14751727	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	270.6	Sn	11:13:23.187	-1.2				T__					---		14751728	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
2016/11/25	11:00:19.46	1.21	0.83	48.5469	20.7845	17.5	4.1	149	6.5F	11.4	10	6	155	0.21	1.30	m	ke BUD	14752058	iLoc			184

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.5	3 BUD	14752058

Sta	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	252.3	Pg	11:00:23.396	-0.5				T__		11.4	0.9		___	MLv	1.8	14752060	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	252.3	Lg	11:00:28.006	0.7				T__					---		14752061	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 1.8 1																									
CRVS	0.57	51.3	Pg	11:00:30.284	-0.0				T__		1.6	0.0		___	MLv	0.9	14752062	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	51.3	Lg	11:00:38.393	-1.2				T__					---		14752063	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.9 1																									
PSZ	0.87	223.7	Pg	11:00:37.751	0.2				T__		1.8	0.0		___	MLv	1.5	14752064	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	223.7	Lg	11:00:49.665	-0.9				T__					---		14752065	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.5 1																									
MASL	0.93	59.4	Pn	11:00:38.902	0.6				T__					---		14752066	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
MASL	0.93	59.4	Lg	11:00:52.038	0.6				T__					---		14752067	FDSN	SK	--	BUD	iLoc	EHE	???	_	
KOLS	1.06	68.0	Lg	11:00:55.891	-0.4				T__					---		14752068	FDSN	SK	--	BUD	iLoc	HHE	???	_	
VYHS	1.30	268.4	Sn	11:01:01.833	-0.2				T__					---		14752069	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
2016/11/26	18:59:38.22	1.07	0.66	47.9045	18.0260	6.0	4.9	104	15.8F	11.2	16	10	82	0.21	0.95	m	ke BUD	14752183	iLoc			153

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	7 BUD	14752183

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SR0	0.21	115.2	Pg	18:59:43.270	-0.2					T__	11.4	1.3		___	MLv	2.0	14752185	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.21	115.2	Lg	18:59:46.830	-0.4					T__				---		14752186	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.0 1																									
A338A	0.25	63.1	Pg	18:59:44.435	0.5					T__	2.5	0.2		___	MLv	1.3	14752187	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	0.25	63.1	Lg	18:59:48.944	0.9					T__				---		14752188	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Station ML : 1.3 0																									
CSKK	0.56	163.6	Pg	18:59:49.237	-0.6					T__	2.2	1.0		___	MLv	2.8	14752189	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.56	163.6	Lg	18:59:57.792	-0.3					T__				---		14752190	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.8 1																									
A335A	0.58	20.8	Lg	18:59:57.696	-0.8					T__				---		14752191	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
EGYH	0.68	224.1	Pg	18:59:51.651	-0.3					T__	1.5	0.1		___	MLv	2.0	14752192	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.68	224.1	Sn	19:00:03.882	0.7					T__				---		14752193	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.0 1																									
ZST	0.68	295.6	Pg	18:59:52.008	-0.1					T__	1.5	1.6		___	MLv	3.1	14752194	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.68	295.6	Lg	19:00:01.202	-0.4					T__				---		14752195	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 3.1 0																									
A336A	0.73	62.9	Lg	19:00:02.294	-1.1					T__				---		14752196	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
VYHS	0.80	42.3	Pn	18:59:54.182	0.3					T__	1.3	0.0		___	MLv	1.4	14752197	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.80	42.3	Lg	19:00:05.066	-0.6					T__				---		14752198	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.4 1																									
MPLH	0.81	204.3	Pg	18:59:54.574	0.3					T__	1.7	0.1		___	MLv	1.9	14752199	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 1																									
A332A	0.95	17.8	Lg	19:00:09.190	-0.8					T__				---		14752200	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
2016/11/27	18:39:54.00	0.00		47.5300	17.3800				13.0A		6					a	ke PRU	14633727	ISC			360
2016/11/27	18:39:47.28	0.29	0.74	46.9972	17.2436	2.4	1.2	100	14.0F	0.0	38		3	0.95	2.19	a	ke VIE	14633723	ISC			360
2016/11/27	18:39:47.70	0.80	0.92	47.0066	17.2150	2.9	2.6	25	11.3F	4.9	61	26	49	0.07	3.23	m	ke BUD	14752261	iLoc			72

Magnitude	Err	Nsta	Author	OrigID
mb	1.6		VIE	14633723
ml	1.9		VIE	14633723
ML	2.1	0.1	15 BUD	14752261

Sta	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	0.07	219.8	Pg	18:39:49.882	-0.5					T__	115.8	8.2		___	MLv	2.4	14752263	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.07	219.8	Lg	18:39:51.911	-0.6					T__				---		14752264	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Station ML : 2.4 0																									
MPLH	0.28	53.5	Pg	18:39:52.900	-0.9					T__		0.6		---		14752265	FDSN	IR	--	ISC	iLoc	???	???	_	
MPLH	0.28	53.5	Pb	18:39:53.324	-0.4					T__	34.3	1.8		___	MLv	2.3	14752266	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.28	53.5	Lg	18:39:58.400	0.0					T__		0.6		---		14752267	FDSN	IR	--	ISC	iLoc	???	???	_	

MPLH	0.28	53.5	Sg	18:39:58.512	0.3	T__				14752268	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Station ML : 2.3 1																				
A263A	0.37	169.3	Lg	18:40:02.195	0.7	T__				14752269	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
EGYH	0.42	10.9	Pg	18:39:56.697	0.3	T__	5.6	0.3	---	MLv	1.9	14752270	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.42	10.9	Lg	18:40:03.658	0.9	T__				14752271	FDSN	HU	--	BUD	iLoc	HHE	???	_		
EGYH	0.42	10.9	Sg	18:40:03.100	0.3	T__		0.3	---		14752272	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.9 1																				
TIH	0.47	102.8	Pg	18:39:58.027	0.6	T__	6.1	0.7	---	MLv	2.5	14752273	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.48	102.7	Pb	18:39:57.800	0.3	T__		0.9	---		14752274	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.5 0																				
A262A	0.49	253.4	Pg	18:39:57.671	-0.1	T__	5.2	0.3	---	MLv	2.2	14752275	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.49	253.4	Lg	18:40:07.124	2.0	T__				14752276	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 2.2 1																				
A268A	0.64	48.4	Pg	18:40:00.656	-0.0	T__	8.4	0.2	---	MLv	2.2	14752277	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A268A	0.64	48.4	Sn	18:40:12.368	-0.3	T__				14752278	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 2.2 1																				
A265A	0.71	145.3	Pn	18:40:03.908	1.3	T__	3.9	0.3	---	MLv	2.4	14752279	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.71	145.3	Sn	18:40:15.518	1.2	T__				14752280	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 2.4 0																				
A010A	0.78	275.3	Pg	18:40:03.855	0.8	T__	3.3	0.1	---	MLv	2.1	14752281	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A010A	0.78	275.3	Sn	18:40:15.593	-0.3	T__				14752282	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 2.1 1																				
CSKK	0.80	63.0	Pn	18:40:03.590	-0.2	T__	3.8	0.1	---	MLv	2.0	14752283	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.0 1																				
SOP	0.81	326.8	Pg	18:40:05.100	1.2	T__		0.1	---		14752284	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	0.81	326.8	Lg	18:40:14.900	-0.2	T__		0.1	---		14752285	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	0.81	326.8	Sg	18:40:15.695	0.5	T__				14752286	FDSN	HU	--	BUD	iLoc	BHN	???	_		
RONA	0.93	318.3	Pn	18:40:05.523	-0.3	T__	5.1	0.6	0.10	---	14752287	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	0.93	318.3	Lg	18:40:18.709	-0.6	T__		4.0	0.22	---	14752288	FDSN	IR	--	ISC	iLoc	???	???	_	
A021A	0.99	255.8	Pn	18:40:06.273	-0.1	T__	3.7	0.1	---	MLv	2.0	14752289	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A021A	0.99	255.8	Sn	18:40:20.014	-0.8	T__				14752290	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 2.0 1																				
A009A	1.02	311.7	Pn	18:40:07.573	0.7	T__	1.8	0.1	---	MLv	1.8	14752291	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A009A	1.02	311.7	Sn	18:40:21.854	0.0	T__				14752292	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Station ML : 1.8 0																				
SRO	1.10	42.3	Pg	18:40:09.400	-0.0	T__		0.4	---		14752293	FDSN	IR	--	ISC	iLoc	???	???	_	
SRO	1.10	42.3	Sn	18:40:23.900	0.3	T__		0.4	---		14752294	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	1.10	146.1	Pn	18:40:08.500	0.4	T__		0.0	---		14752295	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	1.10	146.1	Pg	18:40:10.278	0.6	T__	2.9	0.0	---	MLv	1.7	14752296	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.10	146.1	Sn	18:40:22.900	-1.2	T__		0.0	---		14752297	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	1.10	146.1	Lg	18:40:23.120	-2.0	T__				14752298	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Station ML : 1.7 0																				
ARSA	1.18	282.5	Sn	18:40:24.225	-1.4	T__				14752299	FDSN	OE	--	BUD	iLoc	HHN	???	_		
ARSA	1.18	282.5	Pn	18:40:09.497	0.4	T__		0.7	0.15	---	14752300	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	1.18	282.5	Pn	18:40:09.500	0.4	T__		0.1	---		14752301	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	1.18	282.5	Lg	18:40:24.687	-2.0	T__		3.1	0.30	---	14752302	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	1.26	128.2	Pn	18:40:10.869	0.7	T__	2.2	0.1	---	MLv	2.1	14752303	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.26	128.2	Lg	18:40:30.338	0.1	T__				14752304	FDSN	HU	--	BUD	iLoc	HHN	???	_		
MORH	1.26	128.3	Pg	18:40:10.600	-2.0	T__		0.0	---		14752305	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	1.26	128.3	Sg	18:40:30.200	-0.1	T__		0.0	---		14752306	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.1 1																				
CONA	1.30	315.6	Pg	18:40:12.846	-0.5	T__	1.4	0.0	---	MLv	1.9	14752307	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.30	315.6	Pn	18:40:11.492	0.5	T__		0.3	0.14	---	14752308	FDSN	IR	--	ISC	iLoc	???	???	_	

CONA	1.30	315.6	Sn	18:40:29.060	-0.1	T__	0.8	0.16	---	14752309	FDSN	IR	--	ISC	iLoc	???	???	_		
CONA	1.30	315.6	Sn	18:40:29.100	-0.1	T__	0.0		---	14752310	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.9 0																				
AO20A	1.31	268.2	Pn	18:40:11.357	0.5	T__	1.9	0.1	---	MLv	2.0	14752311	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.0 1																				
PTJ	1.40	218.5	Pn	18:40:12.600	-0.1	T__	0.1		---	14752312	FDSN	IR	--	ISC	iLoc	???	???	_		
PTJ	1.40	218.5	Sn	18:40:33.600	1.3	T__	0.1		---	14752313	FDSN	IR	--	ISC	iLoc	???	???	_		
SOKA	1.53	258.4	Pn	18:40:15.032	0.9	T__	6.8	1.6	0.34	---	14752314	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.53	258.4	Sn	18:40:34.117	-0.4	T__	1.8	0.28	---	14752315	FDSN	IR	--	ISC	iLoc	???	???	_		
VVHS	1.85	35.7	Pg	18:40:22.000	-1.8	T__	0.0		---	14752316	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.90	255.8	Pn	18:40:19.800	0.5	T__	0.3	0.20	---	14752317	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.90	255.8	Pg	18:40:22.700	-1.1	T__	0.0		---	14752318	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.90	255.8	Sn	18:40:44.877	1.1	T__	1.4	0.35	---	14752319	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.90	255.8	Lg	18:40:47.600	-1.9	T__	0.0		---	14752320	FDSN	IR	--	ISC	iLoc	???	???	_		
MOA	2.17	293.9	Pn	18:40:23.917	0.9	T__	0.1	0.15	---	14752321	FDSN	IR	--	ISC	iLoc	???	???	_		
MOA	2.17	293.9	Sn	18:40:51.097	0.6	T__	0.8	0.33	---	14752322	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	3.23	312.4	Lg	18:41:29.500	-1.6	T__			---	14752323	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
2016/11/28	09:35:39.57	1.21	0.80	48.5760	20.7454	32.9	4.7	145	10.0A		9	5	173	0.20	1.07	m	ke BUD	14752416	iLoc			194

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD	14752416

Sta	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	241.8	Pg	09:35:43.711	-0.3					T__	17.8	1.6		---	MLv	2.0	14752418	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	241.8	Lg	09:35:47.598	0.3					T__				---		14752419	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.0 1																									
CRVS	0.58	55.2	Pg	09:35:50.765	0.2					T__	1.2	0.0		---	MLv	1.0	14752420	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.58	55.2	Lg	09:35:59.217	-0.8					T__				---		14752421	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.0 1																									
PSZ	0.87	221.2	Pn	09:35:57.095	-0.1					T__	1.8	0.1		---	MLv	1.8	14752422	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	221.2	Lg	09:36:09.666	-0.9					T__				---		14752423	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 1																									
ET1H	0.91	220.3	Pn	09:35:57.072	-0.4					T__	1.2	0.0		---	MLv	1.7	14752424	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	220.3	Sn	09:36:12.986	1.3					T__				---		14752425	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.7 1																									
KOLS	1.07	69.9	Sn	09:36:17.295	0.6					T__				---		14752426	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		
2016/11/28	10:56:53.16	3.26	0.08	46.0504	18.0944	31.0	11.6	15	0.0A		4	2	299	0.04	0.42	m	kx BUD	14752444	iLoc					360
2016/11/28	10:56:52.57f		0.18	46.1204	18.0243f				0.0S		4		315	0.06	0.44	a	kx BUD_GT	14759335	BUD					360

(locality : Bükkösd I.)  
(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
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------	-------	-----	--------	----	------	-----	-----	-----	---

KOVH	0.06	121.4	Pg	10:56:54.589	0.1	T__	0.5	---	MLv	14759841	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.06	121.4	Lg	10:56:56.006	-0.1	T__		---		14759842	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.44	77.3	Pg	10:57:02.007	0.1	T__	0.0	---	MLv	14759843	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.44	77.3	Lg	10:57:08.740	-0.3	T__		---		14759844	FDSN	HU	--	BUD	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
2016/11/29	08:55:29.15	1.17	0.72	48.5548	20.7836	20.5	4.1	147	0.0A		9	5	161	0.21	1.06	m	ke BUD	14752452	iLoc			188

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	14752452

Sta	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	250.2	Pg	08:55:33.332	-0.2					T__	9.8	0.6		---	MLv	1.7	14752454	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	250.2	Lg	08:55:37.404	0.4					T__				---		14752455	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.7 1																									
CRVS	0.57	52.0	Pg	08:55:40.164	0.1					T__	1.7	0.0		---	MLv	1.0	14752456	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	52.0	Lg	08:55:48.122	-1.3					T__				---		14752457	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.0 1																									
PSZ	0.87	223.4	Pg	08:55:47.642	0.1					T__	1.7	0.1		---	MLv	1.7	14752458	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	223.4	Lg	08:56:00.361	-0.7					T__				---		14752459	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
MASL	0.92	59.8	Pn	08:55:49.074	0.3					T__				---		14752460	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
MASL	0.92	59.8	Lg	08:56:02.000	0.7					T__				---		14752461	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	1.06	68.4	Lg	08:56:06.042	-0.2					T__				---		14752462	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MICGM	7.42	33.9	Pg	08:57:47.970	3.9					---		6.0	0.65	---		14752465	FDSN	IR	--	ISC	iLoc	???	???	_	
MICGM	7.42	33.9	Pg	08:57:47.970	3.9					---		0.0	0.65	---		14752463	FDSN	IR	--	ISC	iLoc	???	???	_	
MICGM	7.42	33.9	Pg	08:57:47.970	3.9					---		10.0	0.65	---		14752464	FDSN	IR	--	ISC	iLoc	???	???	_	
MICGM	7.42	33.9	x	09:00:30.420	-99.0					---				---		14752466	FDSN	IR	--	ISC	iLoc	???	???	_	
MICGM	7.42	33.9	PPP	09:02:14.670	-99.0					---				---		14752467	FDSN	IR	--	ISC	iLoc	???	???	_	
MICGM	7.42	33.9	x	09:07:16.120	-99.0					---				---		14752468	FDSN	IR	--	ISC	iLoc	???	???	_	
MICGM	7.42	33.9	ScS	09:12:00.340	51.6					---				---		14752469	FDSN	IR	--	ISC	iLoc	???	???	_	
MICGM	7.42	33.9	SSS	09:15:21.220	-99.0					---				---		14752470	FDSN	IR	--	ISC	iLoc	???	???	_	
MICGM	7.42	33.9	MLR	09:34:14.070	-99.0					---		1861.0	19.08	---		14752471	FDSN	IR	--	ISC	iLoc	???	???	_	
MICGM	7.42	33.9	MLR	09:34:19.160	-99.0					---		245.0	15.27	---		14752472	FDSN	IR	--	ISC	iLoc	???	???	_	
MICGM	7.42	33.9	MLR	09:34:22.970	-99.0					---		198.0	19.08	---		14752473	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
2016/11/30	11:35:23.25	0.48	0.79	48.5636	17.5034	7.3	2.6	122	0.0F	0.0	8		2	1.18	1.26	a	ke VIE	14633856	ISC			360
2016/11/30	11:35:23.02	1.14	0.83	48.5941	17.5125	11.3	5.3	146	10.5F	10.4	12	6	142	0.11	1.29	m	ke BUD	14752493	iLoc			204

Magnitude	Err	Nsta	Author	OrigID
mb	1.4		VIE	14633856
ml	1.9		VIE	14633856
ML	1.5	0.3	4 BUD	14752493

Sta	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	0.11	84.5	Pg	11:35:25.694	-0.3					T__	13.2	1.0		---	MLv	1.6	14752495	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.6 1																									

JAVC	0.29	21.5	Pg	11:35:28.826	-0.4	T__	2.3	0.2	---	MLv	1.4	14752496	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.29	21.5	Lg	11:35:34.318	0.4	T__			---			14752497	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML : 1.4 1																				
ZST	0.48	214.6	Lg	11:35:40.678	0.6	T__			---			14752498	FDSN	SK	--	BUD	iLoc	HHE	???	_
VYHS	0.89	96.0	Pn	11:35:39.913	-0.6	T__	2.0	0.0	---	MLv	1.2	14752499	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.89	96.0	Sn	11:35:54.426	0.6	T__			---			14752500	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 1.2 1																				
RONA	1.21	222.8	Pg	11:35:46.446	-0.5	T__		1.5	0.20	---		14752501	FDSN	IR	--	ISC	iLoc	???	???	_
RONA	1.21	222.8	Lg	11:36:03.635	0.6	T__		7.0	0.52	---		14752502	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.29	239.5	Pn	11:35:47.002	0.8	T__	1.1	0.1	---	MLv	2.2	14752503	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.29	239.5	Lg	11:36:05.811	0.3	T__			---			14752504	FDSN	OE	--	BUD	iLoc	BHN	???	_
CONA	1.29	239.5	Pg	11:35:46.699	-1.6	T__		1.4	0.28	---		14752505	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.29	239.5	Sg	11:36:05.663	0.1	T__		11.4	0.54	---		14752506	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
2016/12/01	09:42:37.14	1.43	0.58	48.5465	20.7948	9.2	5.1	152	0.0A		7	5	125	0.22	0.92	m	ke BUD	14752528	iLoc			248

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	3 BUD	14752528

Sta	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	253.0	Pg	09:42:41.382	-0.3				T__		12.9	1.1		---	MLv	2.0	14752530	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.22	253.0	Lg	09:42:45.590	0.5				T__					---		14752531	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.0 1																									
ABAH	0.39	130.0	Lg	09:42:51.717	-0.1				T__					---		14752532	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CRVS	0.57	50.9	Pg	09:42:48.168	0.1				T__	2.2		0.0		---	MLv	1.1	14752533	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	50.9	Lg	09:42:56.731	-0.7				T__					---		14752534	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.1 1																									
PSZ	0.87	224.1	Lg	09:42:56.658	-12.3				---		3.2	0.1		---	MLv	2.1	14752535	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 1																									
STHS	0.92	18.6	Lg	09:43:07.873	-0.1				T__					---		14752536	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MASL	0.92	59.2	Lg	09:43:09.953	0.7				T__					---		14752537	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	
2016/12/04	04:07:20.40		0.98	45.8600	16.1300				2.0A				15	1.12	4.03	a	ke CSEM	14633939	ISC				360
2016/12/04	04:07:22.10	0.00		45.9900	16.2500				14.0A		23					a	ke PRU	14633942	ISC				360
2016/12/04	04:07:21.00	0.23		45.8710	16.1240	0.0	0.0		6.8F	2.3	37			0.75	3.79	a	ke RHSSO	14633944	ISC				360
2016/12/04	04:07:20.31	0.79	1.26	45.8759	16.1423	2.3	2.0	80	5.4F	5.3	145	75	34	0.12	5.21	m	ke BUD	14752611	iLoc				51

Magnitude	Err	Nsta	Author	OrigID
ml	2.6		CSEM	14633939
ML	2.7		RHSSO	14633944
ML	2.8	0.1	22 BUD	14752611

Sta	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	0.12	245.8	Pg	04:07:24.300	1.3				T__			21.8		---		14752613	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.12	245.8	Lg	04:07:25.610	0.5				T__					---		14752614	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.12	245.7	Pb	04:07:23.678	0.7				T__	204.0		21.8		---	MLv	3.0	14752615	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_

ZAG	0.12	245.7	Sg	04:07:26.361	1.2	T__	---	---	14752616	FDSN	CR	--	BUD	iLoc	BHE	???	_			
(Station ML : 3.0 1																				
PTJ	0.13	284.5	Pg	04:07:23.120	-0.0	T__	298.1	15.7	---	MLv	2.8	14752617	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.13	284.5	Lg	04:07:25.239	-0.1	T__	---	---	---	---	---	14752618	FDSN	CR	--	BUD	iLoc	BHN	???	_
PTJ	0.13	284.4	Sg	04:07:24.960	-1.1	T__	---	---	---	---	---	14752619	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.8 1																				
LOBO	0.28	349.6	Pg	04:07:25.870	-0.4	T__	---	---	---	---	---	14752620	FDSN	IR	--	ISC	iLoc	???	???	_
LOBO	0.28	349.6	Lg	04:07:29.940	-0.8	T__	---	---	---	---	---	14752621	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.34	40.4	Pg	04:07:26.750	-0.7	T__	---	---	---	---	---	14752622	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.34	40.4	Lg	04:07:31.080	-1.8	T__	---	---	---	---	---	14752623	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.50	121.3	Pg	04:07:30.440	-0.1	T__	---	---	---	---	---	14752624	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	0.54	241.4	Pg	04:07:31.270	0.5	T__	---	---	---	---	---	14752625	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	0.54	241.4	Lg	04:07:39.370	0.5	T__	---	---	---	---	---	14752626	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.74	36.3	Pg	04:07:34.700	-0.5	T__	---	---	---	---	---	14752627	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.74	36.3	Pb	04:07:36.600	1.4	T__	---	2.9	---	---	---	14752628	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.74	36.3	Lg	04:07:45.900	-0.3	T__	---	---	---	---	---	14752629	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.74	36.3	x	04:07:34.996	-99.0	T__	---	48.9	2.9	---	MLv	14752630	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.74	36.3	Sg	04:07:46.603	0.4	T__	---	---	---	---	---	14752631	FDSN	HU	--	BUD	iLoc	BHN	???	_
A264A	0.85	70.0	Pg	04:07:36.851	-0.5	T__	6.2	0.7	---	MLv	2.8	14752632	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.8 1																				
PRIJ	0.99	155.8	Pg	04:07:39.100	-0.3	T__	---	---	---	---	---	14752633	FDSN	IR	--	ISC	iLoc	???	???	_
PRIJ	0.99	155.8	Lg	04:07:52.200	-1.2	T__	---	---	---	---	---	14752634	FDSN	IR	--	ISC	iLoc	???	???	_
A051A	1.02	147.8	Pg	04:07:39.400	-1.0	T__	---	---	---	---	---	14752635	FDSN	IR	--	ISC	iLoc	???	???	_
A051A	1.02	147.8	Lg	04:07:53.600	-1.7	T__	---	---	---	---	---	14752636	FDSN	IR	--	ISC	iLoc	???	???	_
A262A	1.02	15.0	Pg	04:07:40.665	0.1	T__	8.3	0.6	---	MLv	2.8	14752637	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.8 1																				
PLIT	1.06	200.3	Pg	04:07:40.520	-0.5	T__	---	---	---	---	---	14752638	FDSN	IR	--	ISC	iLoc	???	???	_
PLIT	1.06	200.3	Lg	04:07:54.970	-1.2	T__	---	---	---	---	---	14752639	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.11	316.6	Pg	04:07:40.601	-1.0	T__	16.4	8.1	0.26	---	---	14752640	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.11	316.6	Lg	04:07:55.544	-1.9	T__	---	28.8	0.32	---	---	14752641	FDSN	IR	--	ISC	iLoc	???	???	_
A263A	1.12	46.3	Pn	04:07:41.352	-0.6	T__	7.4	0.4	---	MLv	2.7	14752642	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.7 1																				
CEY	1.21	264.1	Pg	04:07:43.100	0.1	T__	---	---	---	---	---	14752643	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	1.21	264.1	Lg	04:07:59.700	-0.8	T__	---	---	---	---	---	14752644	FDSN	IR	--	ISC	iLoc	???	???	_
A265A	1.27	63.9	Pg	04:07:45.929	0.2	T__	3.9	0.3	---	MLv	2.7	14752645	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.7 1																				
OBKA	1.28	300.4	Pn	04:07:43.600	-0.5	T__	---	---	---	---	---	14752646	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.28	300.4	Pg	04:07:48.200	3.6	T__	---	---	---	---	---	14752647	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.28	300.4	Lg	04:08:00.800	-1.8	T__	---	---	---	---	---	14752648	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.28	300.4	Pb	04:07:44.080	-0.5	T__	11.0	0.5	---	MLv	2.9	14752649	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.28	300.4	Sg	04:08:01.339	-1.3	T__	---	---	---	---	---	14752650	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.9 1																				
A261A	1.28	32.5	Pn	04:07:44.785	0.5	T__	6.0	0.3	---	MLv	2.7	14752651	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.7 1																				
RIY	1.29	245.3	Pn	04:07:44.950	0.6	T__	---	---	---	---	---	14752652	FDSN	IR	--	ISC	iLoc	???	???	_
RIY	1.29	245.3	Sn	04:08:03.670	0.5	T__	---	---	---	---	---	14752653	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.31	145.7	Pn	04:07:44.933	0.2	T__	4.7	0.2	---	MLv	2.4	14752654	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	1.35	146.5	Pg	04:07:44.800	-1.7	T__	---	---	---	---	---	14752655	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.35	146.5	Pb	04:07:48.400	1.9	T__	---	0.2	---	---	---	14752656	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.35	146.5	Sn	04:08:03.800	-0.6	T__	---	---	---	---	---	14752657	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.4 0																				
UDBI	1.37	191.3	Pn	04:07:46.370	0.2	T__	---	---	---	---	---	14752658	FDSN	IR	--	ISC	iLoc	???	???	_
UDBI	1.37	191.3	Sn	04:08:05.040	-0.9	T__	---	---	---	---	---	14752659	FDSN	IR	--	ISC	iLoc	???	???	_

A050A	1.42	168.7	Pn	04:07:46.400	-0.3	T__					14752660	FDSN	IR	--	ISC	iLoc	???	???	_		
A050A	1.42	168.7	Sn	04:08:05.800	-1.2	T__					14752661	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.44	343.0	Pn	04:07:46.118	-0.1	T__	14.5	0.3	---	MLv	2.7	14752662	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
ARSA	1.44	343.0	Pg	04:07:47.200	-1.1	T__					14752663	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.44	343.0	Sn	04:08:06.700	0.4	T__					14752664	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	1.44	343.0	Sn	04:08:06.771	0.4	T__		36.4	0.38	---		14752665	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.7 1																					
TIH	1.58	49.1	Pn	04:07:50.000	1.7	T__	8.4	0.6	---	MLv	3.1	14752666	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TIH	1.59	49.2	Pg	04:07:56.000	4.5	T__						14752667	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.1 0																					
NVLJ	1.59	214.8	Pn	04:07:50.020	1.1	T__						14752668	FDSN	IR	--	ISC	iLoc	???	???	_	
NVLJ	1.59	214.8	Sn	04:08:10.370	-0.0	T__						14752669	FDSN	IR	--	ISC	iLoc	???	???	_	
MGRS	1.60	155.1	Pn	04:07:49.200	0.2	T__						14752670	FDSN	IR	--	ISC	iLoc	???	???	_	
MGRS	1.60	155.1	Sn	04:08:11.600	0.7	T__						14752671	FDSN	IR	--	ISC	iLoc	???	???	_	
A266A	1.61	65.4	Pn	04:07:49.819	1.1	T__	5.9	0.3	---	MLv	2.9	14752672	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.9 1																					
MPLH	1.61	36.2	Pn	04:07:49.099	0.3	T__	4.5	0.1	---	MLv	2.4	14752673	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	1.61	36.2	Pg	04:07:55.600	3.6	T__		0.1	---			14752674	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.4 0																					
SMRN	1.63	239.7	Pn	04:07:50.330	1.0	T__						14752675	FDSN	IR	--	ISC	iLoc	???	???	_	
EGYH	1.75	27.6	Pn	04:07:52.647	2.0	T__	3.6	0.2	---	MLv	2.8	14752676	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
EGYH	1.75	27.6	Sn	04:08:13.404	-0.7	T__						14752677	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	1.75	27.6	Pg	04:07:58.500	3.9	T__		0.2	---			14752678	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.8 1																					
VIRC	1.76	206.3	Pn	04:07:52.490	1.0	T__						14752679	FDSN	IR	--	ISC	iLoc	???	???	_	
VIRC	1.76	206.3	Sn	04:08:14.320	-0.5	T__						14752680	FDSN	IR	--	ISC	iLoc	???	???	_	
DOB	1.79	128.9	Pn	04:07:52.000	0.6	T__						14752681	FDSN	IR	--	ISC	iLoc	???	???	_	
DOB	1.79	128.9	Sn	04:08:15.500	0.4	T__						14752682	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	1.83	3.3	Pn	04:07:52.016	0.1	T__	11.9	3.2	0.20	---		14752683	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	1.83	3.3	Lg	04:08:20.955	-0.2	T__		16.4	0.40	---		14752684	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	1.83	8.8	Pn	04:07:52.890	1.1	T__	3.3	0.1	---	MLv	2.4	14752685	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
SOP	1.83	8.8	Pg	04:07:59.800	3.7	T__		0.1	---			14752686	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.4 0																					
KIJV	1.88	174.2	Pn	04:07:53.630	0.4	T__						14752687	FDSN	IR	--	ISC	iLoc	???	???	_	
KIJV	1.88	174.2	Sn	04:08:18.010	-0.1	T__						14752688	FDSN	IR	--	ISC	iLoc	???	???	_	
MYKA	1.89	294.4	Pn	04:07:53.341	0.6	T__		1.9	0.24	---		14752689	FDSN	IR	--	ISC	iLoc	???	???	_	
SRKY	1.95	157.8	Pn	04:07:54.100	-0.0	T__						14752690	FDSN	IR	--	ISC	iLoc	???	???	_	
SRKY	1.95	157.8	Sn	04:08:18.600	-1.3	T__						14752691	FDSN	IR	--	ISC	iLoc	???	???	_	
A268A	1.98	37.6	Pn	04:07:53.939	0.1	T__	5.3	0.1	---	MLv	2.6	14752692	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.6 1																					
MORI	2.03	188.9	Pn	04:07:56.220	0.7	T__						14752693	FDSN	IR	--	ISC	iLoc	???	???	_	
MORI	2.03	188.9	Sn	04:08:22.380	0.3	T__						14752694	FDSN	IR	--	ISC	iLoc	???	???	_	
DUGI	2.04	202.6	Pn	04:07:56.520	0.9	T__						14752695	FDSN	IR	--	ISC	iLoc	???	???	_	
DUGI	2.04	202.6	Sn	04:08:21.850	-0.4	T__						14752696	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	2.06	354.8	Pn	04:07:55.769	0.6	T__	2.4	0.1	---	MLv	2.5	14752697	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
CONA	2.06	354.7	Pg	04:08:00.100	-0.4	T__						14752698	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	2.06	354.7	Sn	04:08:22.737	0.5	T__		5.8	0.42	---		14752699	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	2.06	354.7	Lg	04:08:31.211	2.6	T__		22.2	0.52	---		14752700	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.5 1																					
CSKK	2.08	43.7	Pg	04:08:08.800	7.9	---						14752701	FDSN	IR	--	ISC	iLoc	???	???	_	
CSKK	2.08	43.7	Pn	04:07:54.625	-0.7	T__	2.4	0.0	---	MLv	2.3	14752702	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 2.3 0																					
KBA	2.28	302.9	Pn	04:07:58.444	-0.0	T__		0.9	0.28	---		14752703	FDSN	IR	--	ISC	iLoc	???	???	_	



MOA	2.36	327.6	Pn	04:07:59.733	0.6	T__	6.2	1.3	0.22	---	14752704	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	2.36	327.6	Sn	04:08:29.979	0.8	T__		17.8	0.52	---	14752705	FDSN	IR	--	ISC	iLoc	???	???	_	
RICI	2.48	163.1	Pn	04:08:02.750	0.9	T__				---	14752706	FDSN	IR	--	ISC	iLoc	???	???	_	
RICI	2.48	163.1	Sn	04:08:33.700	0.5	T__				---	14752707	FDSN	IR	--	ISC	iLoc	???	???	_	
BIOA	2.50	317.4	Pn	04:08:01.058	-0.2	T__	4.9	1.9	0.32	---	14752708	FDSN	IR	--	ISC	iLoc	???	???	_	
BIOA	2.50	317.4	Sn	04:08:32.602	-0.2	T__		2.5	0.28	---	14752709	FDSN	IR	--	ISC	iLoc	???	???	_	
ABTA	2.66	290.4	Pn	04:08:03.787	0.1	T__		0.8	0.24	---	14752710	FDSN	IR	--	ISC	iLoc	???	???	_	
ABTA	2.66	290.4	Sn	04:08:36.745	-0.2	T__		3.4	0.50	---	14752711	FDSN	IR	--	ISC	iLoc	???	???	_	
MAKA	2.66	166.1	Pn	04:08:04.910	0.5	T__				---	14752712	FDSN	IR	--	ISC	iLoc	???	???	_	
MAKA	2.66	166.1	Sn	04:08:38.980	1.5	T__				---	14752713	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	2.68	104.3	Pn	04:08:04.500	0.9	T__				---	14752714	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	2.68	104.3	Sn	04:08:37.500	0.8	T__				---	14752715	FDSN	IR	--	ISC	iLoc	???	???	_	
HAPS	2.68	130.9	Pn	04:08:04.400	0.3	T__				---	14752716	FDSN	IR	--	ISC	iLoc	???	???	_	
HAPS	2.68	130.9	Sn	04:08:37.100	-0.2	T__				---	14752717	FDSN	IR	--	ISC	iLoc	???	???	_	
BBLS	3.07	129.7	Pn	04:08:10.700	1.3	T__				---	14752718	FDSN	IR	--	ISC	iLoc	???	???	_	
BBLS	3.07	129.7	Sn	04:08:47.400	1.0	T__				---	14752719	FDSN	IR	--	ISC	iLoc	???	???	_	
LSTV	3.15	169.9	Pn	04:08:11.300	-0.4	T__				---	14752720	FDSN	IR	--	ISC	iLoc	???	???	_	
LSTV	3.15	169.9	Sn	04:08:49.670	-1.0	T__				---	14752721	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	3.19	3.0	Pn	04:08:10.115	-0.6	T__	2.0	0.1		MLv	3.0	14752722	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.0 1																				
CKRC	3.20	337.7	Pn	04:08:11.337	0.7	T__	2.1	0.1		MLv	3.3	14752723	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
CKRC	3.20	337.7	Sn	04:08:48.018	-1.6	T__				---	14752724	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 3.3 0																				
STON	3.20	159.1	Pn	04:08:11.560	-0.4	T__				---	14752725	FDSN	IR	--	ISC	iLoc	???	???	_	
STON	3.20	159.1	Pg	04:08:11.600	-10.5	---				---	14752726	FDSN	IR	--	ISC	iLoc	???	???	_	
STON	3.20	159.1	Sn	04:08:50.000	-1.0	T__				---	14752727	FDSN	IR	--	ISC	iLoc	???	???	_	
STON	3.20	159.1	Lg	04:08:50.190	-15.3	---				---	14752728	FDSN	IR	--	ISC	iLoc	???	???	_	
RUDO	3.22	133.3	Pn	04:08:12.600	1.1	T__				---	14752729	FDSN	IR	--	ISC	iLoc	???	???	_	
RUDO	3.22	133.3	Sn	04:08:51.000	1.1	T__				---	14752730	FDSN	IR	--	ISC	iLoc	???	???	_	
DIVS	3.26	121.7	Pn	04:08:13.200	1.1	T__				---	14752731	FDSN	IR	--	ISC	iLoc	???	???	_	
DIVS	3.26	121.7	Sn	04:08:51.400	0.4	T__				---	14752732	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	3.29	50.2	Pg	04:08:21.993	-2.8	T__	51.6	1.5		MLv	4.5	14752733	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 4.5 0																				
WTTA	3.40	295.7	Pn	04:08:15.203	0.9	T__		0.8	0.26	---	14752734	FDSN	IR	--	ISC	iLoc	???	???	_	
WTTA	3.40	295.7	Sn	04:08:56.107	0.2	T__		3.7	0.34	---	14752735	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	3.45	4.9	Pn	04:08:13.841	-0.4	T__	2.2	0.0		MLv	3.1	14752736	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.1 0																				
WATA	3.47	296.5	Pn	04:08:15.974	0.9	T__		0.2	0.12	---	14752737	FDSN	IR	--	ISC	iLoc	???	???	_	
WATA	3.47	296.5	Sn	04:08:57.498	0.2	T__		1.3	0.22	---	14752738	FDSN	IR	--	ISC	iLoc	???	???	_	
DBRK	3.51	155.1	Pn	04:08:16.190	-0.1	T__				---	14752739	FDSN	IR	--	ISC	iLoc	???	???	_	
DBRK	3.51	155.1	Sn	04:08:58.370	-0.6	T__				---	14752740	FDSN	IR	--	ISC	iLoc	???	???	_	
TREB	3.53	152.6	Pn	04:08:17.000	0.6	T__				---	14752741	FDSN	IR	--	ISC	iLoc	???	???	_	
TREB	3.53	152.6	Sn	04:08:57.400	-1.8	T__				---	14752742	FDSN	IR	--	ISC	iLoc	???	???	_	
SQTA	3.66	293.3	Pn	04:08:16.739	-1.0	T__		1.3	0.32	---	14752743	FDSN	IR	--	ISC	iLoc	???	???	_	
SQTA	3.66	293.3	Sn	04:09:03.547	1.5	T__		5.9	0.54	---	14752744	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	3.69	332.8	Pn	04:08:17.700	0.2	T__				---	14752745	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	3.69	332.8	Sn	04:09:00.000	-1.4	T__				---	14752746	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	3.69	332.8	Lg	04:09:16.900	-2.1	T__		3.9	0.50	---	14752747	FDSN	IR	--	ISC	iLoc	???	???	_	
MOTA	3.77	294.7	Pn	04:08:18.802	-0.6	T__		0.6	0.24	---	14752748	FDSN	IR	--	ISC	iLoc	???	???	_	
MOTA	3.77	294.7	Sn	04:09:05.247	0.4	T__		2.5	0.68	---	14752749	FDSN	IR	--	ISC	iLoc	???	???	_	
SJES	3.79	132.3	Pn	04:08:19.700	0.2	T__				---	14752750	FDSN	IR	--	ISC	iLoc	???	???	_	
RETA	4.04	295.5	Pn	04:08:23.331	0.5	T__		0.2	0.20	---	14752751	FDSN	IR	--	ISC	iLoc	???	???	_	
KRLC	4.22	5.6	Pn	04:08:24.700	-0.5	T__				---	14752752	FDSN	IR	--	ISC	iLoc	???	???	_	

KRLC	4.22	5.6	Sn	04:09:10.500	-4.2	T__									14752753	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	4.22	5.6	Lg	04:09:32.600	-1.4	T__									14752754	FDSN	IR	--	ISC	iLoc	???	???	_
PRU	4.25	345.9	Pn	04:08:24.800	-0.4	T__									14752755	FDSN	IR	--	ISC	iLoc	???	???	_
PRU	4.25	345.9	Lg	04:09:34.500	-1.6	T__					3.9	0.40			14752756	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	4.48	1.5	Lg	04:09:40.800	-0.8	T__					3.1	0.90			14752757	FDSN	IR	--	ISC	iLoc	???	???	_
UPC	4.64	359.0	Lg	04:09:46.200	-0.1	T__									14752758	FDSN	IR	--	ISC	iLoc	???	???	_
OSTC	4.68	0.6	Lg	04:09:46.600	-1.2	T__									14752759	FDSN	IR	--	ISC	iLoc	???	???	_
NKC	5.01	331.7	Lg	04:09:58.600	-2.5	T__					3.6	0.60			14752760	FDSN	IR	--	ISC	iLoc	???	???	_
BRG	5.21	344.5	Lg	04:10:04.420	-2.4	T__									14752761	FDSN	IR	--	ISC	iLoc	???	???	_
BRG	5.21	344.5	x	04:10:13.160	-99.0	---					3.4	0.74			14752762	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
2016/12/05	11:30:49.62	1.25	1.13	48.5710	20.7301	38.3	5.0	143	7.9F	18.0	7	4	173	0.18	0.95	m	ke BUD	14752888	iLoc			194

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	3 BUD	14752888

Sta	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	241.7	Pg	11:30:53.243	-0.4					T__	20.5	1.7			MLv	2.1	14752890	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.18	241.7	Lg	11:30:57.102	0.3					T__						14752891	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.1 1																									
CRVS	0.59	55.3	Pg	11:31:00.339	-0.4					T__	1.3	0.0			MLv	1.0	14752892	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.0 1																									
PSZ	0.86	220.9	Pg	11:31:08.226	0.6					T__	2.6	0.1			MLv	1.9	14752893	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	220.9	Lg	11:31:18.797	-1.6					T__						14752894	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1																									
MASL	0.95	61.7	Pn	11:31:09.238	0.6					T__						14752895	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
MASL	0.95	61.7	Lg	11:31:22.023	-0.3					T__						14752896	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	
2016/12/06	12:26:09.76	1.25	0.74	47.9236	20.0329	10.0	4.6	172	4.0F	12.9	11	6	118	0.09	0.98	m	kx BUD	14752910	iLoc				219
2016/12/06	12:26:08.86f		0.68	47.8987	20.0893f				0.0S		11		116	0.13	1.03	a	kx BUD_GT	14759337	BUD				222

(GT info : GT2 explosion)  
(locality : Recsk)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	14752910
ML	1.8	0.1	5 BUD	14759337

Sta	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	12:26:12.194	-0.1					T__		1.6			MLv	14759847	FDSN	GE	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.13	278.6	Lg	12:26:14.354	-0.8					T__						14759848	FDSN	GE	--	BUD	BUD	BHE	???	_
ET1H	0.15	262.5	Pg	12:26:12.578	0.1					T__		0.7			MLv	14759849	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.15	262.5	Lg	12:26:14.544	-0.7					T__						14759850	FDSN	HU	--	BUD	BUD	HHE	???	_
BSZH	0.61	168.6	Lg	12:26:33.500	0.8					T__						14759851	FDSN	HU	--	BUD	BUD	HHN	???	_
A270A	0.72	266.1	Pg	12:26:23.844	0.1					T__		0.1			MLv	14759852	FDSN	Z3	00	BUD	BUD	HHZ	HHZ	_
A270A	0.72	266.1	Lg	12:26:34.349	-0.5					T__						14759853	FDSN	Z3	00	BUD	BUD	HHE	???	_
ABAH	0.87	62.3	Pn	12:26:27.848	0.4					T__		0.1			MLv	14759854	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_

ABAH	0.87	62.3	Lg	12:26:40.131	-0.3	T__										14759855	FDSN	HU	--	BUD	BUD	HHN	???	_
VYHS	1.03	305.9	Pg	12:26:29.546	0.1	T__	0.0									14759856	FDSN	SK	--	BUD	BUD	HHE	HHZ	_
VYHS	1.03	305.9	Lg	12:26:42.995	-1.7	T__										14759857	FDSN	SK	--	BUD	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
2016/12/07	11:38:24.81	1.27	0.88	48.5568	20.7580	8.2	3.7	144	1.6F	14.1	13	7	112	0.20	1.28	m	ke	BUD	14752944	iLoc		161

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	14752944

Sta	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	248.0	Pg	11:38:28.671	-0.2					T__	23.1	1.6			MLv	2.0	14752946	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	248.0	Lg	11:38:32.601	0.6					T__						14752947	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.0 0																									
ABAH	0.41	128.9	Lg	11:38:39.059	-0.8					T__						14752948	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CRVS	0.58	53.2	Pg	11:38:35.705	-0.1					T__	2.6	0.0			MLv	1.2	14752949	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.58	53.2	Lg	11:38:44.100	-1.1					T__						14752950	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.2 0																									
PSZ	0.86	222.4	Pg	11:38:43.254	0.4					T__	1.8	0.1			MLv	1.8	14752951	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	222.4	Lg	11:38:55.198	-0.9					T__						14752952	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
STHS	0.92	20.2	Pg	11:38:42.123	0.4					T__	2.6	0.1			MLv	1.8	14752953	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	0.92	20.2	Lg	11:38:54.557	-1.0					T__						14752954	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.8 1																									
MASL	0.94	60.4	Pn	11:38:45.494	1.1					T__						14752955	FDSN	SK	--	BUD	iLoc	EHE	???	_	
MASL	0.94	60.4	Lg	11:38:57.262	0.2					T__						14752956	FDSN	SK	--	BUD	iLoc	EHN	???	_	
VYHS	1.28	267.9	Pn	11:38:49.297	0.4					T__	1.6	0.0			MLv	1.3	14752957	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.28	267.9	Sn	11:39:06.823	-1.1					T__						14752958	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
2016/12/09	09:45:34.11	1.31	0.54	47.0963	17.9793	8.9	6.3	135	4.4F	19.6	8	5	116	0.21	1.01	m	ke	BUD	14753014	iLoc		228

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	3 BUD	14753014

Sta	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	197.7	Lg	09:45:42.121	0.2					T__						14753016	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MPLH	0.31	284.0	Pg	09:45:40.502	-0.0					T__	2.9	0.1			MLv	1.2	14753017	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.31	284.0	Lg	09:45:44.842	-0.5					T__						14753018	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.2 1																									
CSKK	0.33	35.6	Pg	09:45:40.731	-0.2					T__	3.2	1.6			MLv	2.4	14753019	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.33	35.6	Lg	09:45:46.263	0.2					T__						14753020	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.4 1																									
MORH	0.99	152.3	Pn	09:45:53.859	0.3					T__	1.0	0.0			MLv	1.1	14753021	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.99	152.3	Lg	09:46:07.376	-0.8					T__						14753022	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.1 1																									
KOVH	1.01	175.2	Lg	09:46:09.045	0.0					T__						14753023	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
2016/12/09	09:45:16.01	1.22	1.33	48.5216	20.7710	6.1	4.9	162	4.2F	12.1	11	7	98	0.19	1.29	m	ke BUD	14752980	iLoc			174

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	14752980

Sta	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	0.19	258.7	Pg	09:45:19.330	-0.7					T__	9.6	0.5		___	MLv	1.6	14752982	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.19	258.7	Lg	09:45:23.441	0.3					T__				___		14752983	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 1.6 1																									
ABAH	0.39	125.7	Pg	09:45:24.402	0.7					T__	1.9	0.1		___	MLv	1.4	14752984	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	125.7	Lg	09:45:30.374	0.2					T__				___		14752985	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.4 1																									
CRVS	0.60	49.9	Lg	09:45:34.158	-2.8					T__				___		14752986	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	0.84	224.5	Lg	09:45:46.522	0.0					T__				___		14752987	FDSN	GE	--	BUD	iLoc	BHN	???	_	
NIE	0.95	341.6	Pn	09:45:35.338	-0.0					T__	1.1	0.0		___	MLv	1.6	14752988	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.95	341.6	Lg	09:45:49.244	1.7					T__				___		14752989	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
STHS	0.95	19.0	Pg	09:45:34.095	0.6					T__	2.0	0.1		___	MLv	1.8	14752990	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 1.8 0																									
VYHS	1.29	269.5	Pn	09:45:40.112	0.2					T__	1.8	0.0		___	MLv	1.3	14752991	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	269.5	Sn	09:45:58.196	-0.6					T__				___		14752992	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
2016/12/10	18:49:37.51	1.70	1.35	45.6972	17.9346	8.8	6.0	169	1.5F	12.2	17	11	98	0.41	1.74	m	ke BUD	14755434	iLoc			167

Magnitude	Err	Nsta	Author	OrigID
MLv	1.0	0.1	2 BUD	14755434

Sta	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	0.41	16.4	Pg	18:49:46.601	0.7					T__	1.7	0.1		___	MLv	1.2	14755436	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.41	16.4	Lg	18:49:52.437	0.1					T__				___		14755437	FDSN	HU	--	BUD	iLoc	BHE	???	_	
MORH	0.72	43.4	Pg	18:49:51.752	-0.1					T__	1.0	0.0		___	MLv	1.0	14755438	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.72	43.4	Lg	18:50:01.404	-1.2					T__				___		14755439	FDSN	HU	--	BUD	iLoc	BHE	???	_	
MOSL	0.83	264.6	Pn	18:49:55.340	-0.3					T__				___		14755440	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.83	264.6	Lg	18:50:05.660	-0.8					T__				___		14755441	FDSN	IR	--	ISC	iLoc	???	???	_	
BLY	1.05	210.6	Sn	18:50:15.029	0.3					T__				___		14755442	FDSN	MN	--	BUD	iLoc	BHE	???	_	
BEHE	1.12	314.2	Sn	18:50:15.959	-0.7					T__				___		14755443	FDSN	HU	--	BUD	iLoc	BHE	???	_	
KALN	1.12	293.3	Pn	18:50:00.750	1.0					T__				___		14755444	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	1.12	293.3	Sn	18:50:14.840	-2.3					T__				___		14755445	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	1.38	290.0	Pn	18:50:03.880	0.6					T__				___		14755446	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	1.38	290.0	Sn	18:50:21.710	-1.3					T__				___		14755447	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	1.39	279.4	Pn	18:50:04.300	0.6					T__				___		14755448	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	1.39	279.4	Sn	18:50:21.470	-2.5					T__				___		14755449	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	1.39	303.2	Sn	18:50:25.026	2.0					T__				___		14755450	FDSN	SL	--	BUD	iLoc	BHN	???	_	
FRGS	1.45	112.1	Sn	18:50:24.369	-0.2					T__				___		14755451	FDSN	SJ	--	BUD	iLoc	HHE	???	_	
CRES	1.74	275.1	Lg	18:50:36.674	1.2					T__				___		14755452	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
2016/12/12	01:02:34.06	1.61	1.42	48.4518	22.7029	12.1	8.4	22	12.2F	8.3	8	5	198	0.01	1.95	m	ke BUD	14755455	iLoc			279

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	1.0	3 BUD	14755455

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MUKU	0.01	279.7	Pg	01:02:36.400	0.1					T__						14755457	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
BRIU	0.24	118.2	Pg	01:02:39.887	0.6					T__						14755458	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
TRPA	0.34	198.8	Pg	01:02:41.850	0.8					T__	1.6	0.0			MLv	0.8	14755459	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.34	198.8	Lg	01:02:46.756	-0.4					T__						14755460	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 0.8 1																									
ABAH	0.99	261.5	Pg	01:02:54.648	1.4					T__	1.2	0.1			MLv	1.8	14755461	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.99	261.5	Sn	01:03:08.808	0.3					T__						14755462	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.8 1																									
PSZ	1.95	255.2	Pn	01:03:06.894	-0.1					T__	2.1	0.1			MLv	2.5	14755463	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.95	255.2	Sn	01:03:30.629	-2.2					T__						14755464	FDSN	GE	--	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
2016/12/12	21:43:31.70	0.00		48.6400	17.8000				1.0A		11					a	ke PRU	14638006	ISC			360
2016/12/12	21:43:30.65	1.21	0.43	48.6436	17.8263	4.4	3.9	27	5.4F	8.8	18	11	102	0.11	1.49	m	ke BUD	14755478	iLoc			119

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	8 BUD	14755478

Sta	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	0.11	248.8	Pg	21:43:33.010	-0.2					T__	26.5	0.9			MLv	1.5	14755480	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A334A	0.11	248.8	Lg	21:43:35.329	0.2					T__						14755481	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Station ML : 1.5 1																									
JAVC	0.24	334.5	Pg	21:43:35.869	0.1					T__	2.1	0.1			MLv	1.0	14755482	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.24	334.5	Lg	21:43:39.367	-0.3					T__						14755483	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.0 1																									
A335A	0.39	120.0	Pg	21:43:38.752	0.1					T__	8.2	0.2			MLv	1.8	14755484	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A335A	0.39	120.0	Lg	21:43:44.412	-0.1					T__						14755485	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Station ML : 1.8 1																									
A337A	0.40	183.5	Pg	21:43:39.482	0.7					T__	1.8	0.3			MLv	1.9	14755486	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.9 1																									
ZST	0.66	227.4	Pg	21:43:43.019	-0.9					T__	1.4	0.9			MLv	2.8	14755487	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.66	227.4	Lg	21:43:53.762	0.4					T__						14755488	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.8 0																									
VYHS	0.69	102.2	Pg	21:43:44.066	-0.4					T__	2.1	0.0			MLv	0.8	14755489	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	102.2	Lg	21:43:54.007	-0.6					T__						14755490	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.8 0																									
MAUC	0.72	0.1	Lg	21:43:55.500	0.7					T__						14755491	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.03	294.4	Lg	21:44:04.706	-0.2					T__						14755492	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
VRAC	1.05	309.8	Pg	21:43:50.395	-0.2					T__	1.2	0.0			MLv	1.7	14755493	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
VRAC	1.05	309.8	Lg	21:44:05.135	-0.1					T__						14755494	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									

MORC	1.15	350.8	Pg	21:43:52.197	0.0	T__	1.3	0.0	___	MLv	1.8	14755495	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	1.15	350.8	Lg	21:44:07.909	0.1	T__			---			14755496	FDSN	CZ	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 1																				
CONA	1.49	242.1	Sn	21:44:18.011	0.3	T__			---			14755497	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
2016/12/13	09:26:54.09	1.38	0.31	48.4842	20.8011	8.5	5.5	177	11.9F	16.0	9	5	125	0.35	1.21	m	ke	BUD	14755531	iLoc		239

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	14755531

Sta	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	0.35	122.6	Pg	09:27:01.645	0.3					T__	2.0	0.1		___	MLv	1.1	14755533	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.35	122.6	Lg	09:27:06.991	-0.3					T__				---		14755534	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.1 0																									
PSZ	0.83	227.3	Pg	09:27:11.423	-0.1					T__	1.9	0.1		___	MLv	1.7	14755535	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.83	227.3	Lg	09:27:23.346	-0.4					T__				---		14755536	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
ET1H	0.87	226.1	Pn	09:27:11.499	0.3					T__	1.9	0.0		___	MLv	1.5	14755537	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.87	226.1	Lg	09:27:24.631	0.0					T__				---		14755538	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Station ML : 1.5 1																									
NIE	0.99	341.2	Pg	09:27:12.739	0.0					T__	1.4	0.0		___	MLv	1.5	14755539	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.5 1																									
TRPA	1.21	106.3	Pg	09:27:17.046	-0.1					T__	1.9	0.1		___	MLv	1.9	14755540	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	1.21	106.3	Sn	09:27:33.889	-0.2					T__				---		14755541	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
2016/12/14	09:55:52.24	3.22	0.28	46.1278	18.3143	951.9	5.0	160	0.0A		4	2	186	0.15	0.25	m	kx	BUD	14755563	iLoc		360
2016/12/14	09:55:52.10f		0.14	46.1765	18.2926f				0.0S		4		204	0.16	0.25	a	kx	BUD_GT	14759339	BUD		360
(GT info : GT2 explosion)																						
(locality : Komló II.)																						

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KOVH	0.16	236.7	Pg	09:55:55.959	0.0					T__		0.2		___	MLv	14759860	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	09:55:58.902	-0.1					T__				---		14759861	FDSN	HU	--	BUD	BUD	BHE	???	_
MORH	0.25	80.7	Pg	09:55:57.799	0.2					T__		0.0		___	MLv	14759862	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	09:56:01.802	-0.2					T__				---		14759863	FDSN	HU	--	BUD	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
2016/12/14	10:04:07.02	1.23	0.34	47.1192	18.0012	8.0	5.6	119	6.3F	16.3	8	4	117	0.23	1.01	m	ke	BUD	14755571	iLoc		234

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	14755571

Sta	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	199.5	Pg	10:04:11.828	-0.2					T__	3.4	0.5		---	MLv	1.7	14755573	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
TIH	0.23	199.5	Lg	10:04:16.120	0.3					T__				---		14755574	FDSN	HU	--	BUD	iLoc	HHZ	???	_			
(Station ML : 1.7 1																											
CSKK	0.30	35.8	Pg	10:04:13.043	-0.3					T__	4.0	1.1		---	MLv	2.2	14755575	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
CSKK	0.30	35.8	Lg	10:04:18.580	0.4					T__				---		14755576	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Station ML : 2.2 1																											
MPLH	0.32	279.4	Pg	10:04:13.677	0.0					T__	2.4	0.1		---	MLv	1.1	14755577	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
MPLH	0.32	279.4	Lg	10:04:18.453	-0.2					T__				---		14755578	FDSN	HU	--	BUD	iLoc	BHE	???	_			
(Station ML : 1.1 1																											
MORH	1.01	153.7	Pn	10:04:26.458	0.1					T__	2.7	0.0		---	MLv	1.2	14755579	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
MORH	1.01	153.7	Lg	10:04:41.406	0.0					T__				---		14755580	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
2016/12/14	10:32:43.93	1.16	0.93	47.2175	18.2023	7.9	5.3	102	0.0S		9	5	147	0.15	1.13	m	kx	BUD	14755598	iLoc		258

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	14755598

Sta	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	0.15	15.2	Pg	10:32:47.550	-0.0					T__	10.7	4.8		---	MLv	2.4	14755600	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
CSKK	0.15	15.2	Lg	10:32:50.834	0.3					T__				---		14755601	FDSN	HU	--	BUD	iLoc	HHE	???	_			
(Station ML : 2.4 0																											
TIH	0.38	214.2	Pg	10:32:52.337	0.3					T__	2.3	0.3		---	MLv	1.8	14755602	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
(Station ML : 1.8 1																											
MPLH	0.45	264.3	Pg	10:32:54.100	0.6					T__	3.0	0.1		---	MLv	1.5	14755603	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
MPLH	0.45	264.3	Lg	10:32:59.654	-1.0					T__				---		14755604	FDSN	HU	--	BUD	iLoc	BHN	???	_			
(Station ML : 1.5 1																											
MORH	1.05	163.0	Pn	10:33:04.878	0.1					T__	1.6	0.0		---	MLv	1.2	14755605	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
MORH	1.05	163.0	Lg	10:33:19.143	-1.4					T__				---		14755606	FDSN	HU	--	BUD	iLoc	BHE	???	_			
(Station ML : 1.2 0																											
KOVH	1.13	183.6	Pg	10:33:07.949	1.2					T__	1.4	0.0		---	MLv	1.8	14755607	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
KOVH	1.13	183.6	Sn	10:33:23.210	-0.4					T__				---		14755608	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
2016/12/14	10:56:00.20	2.10	0.83	48.6787	22.4469	19.7	5.3	63	15.0A		8	5	215	0.45	1.08	m	ke	BUD	14755630	iLoc		286

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.7	3 BUD	14755630

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L			
MASL	0.45	318.4	Pg	10:56:08.684	-0.2					T__				---		14755632	FDSN	SK	--	BUD	iLoc	EHZ	???	_			
MASL	0.45	318.4	Lg	10:56:16.634	0.3					T__				---		14755633	FDSN	SK	--	BUD	iLoc	EHN	???	_			
TRPA	0.55	173.6	Pg	10:56:12.064	0.9					T__	2.7	0.1		---	MLv	1.9	14755634	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_		
TRPA	0.55	173.6	Lg	10:56:19.498	-1.1					T__				---		14755635	FDSN	HU	--	BUD	iLoc	BHE	???	_			
(Station ML : 1.9 1																											
CRVS	0.69	289.3	Pn	10:56:15.507	0.3					---	1.6	0.0		---	MLv	1.3	14755636	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_		
CRVS	0.69	289.3	Lg	10:56:25.282	0.8					T__				---		14755637	FDSN	SK	--	BUD	iLoc	HHN	???	_			

(Station ML : 1.3 1

ABAH	0.89	245.0	Sn	10:56:31.089	-0.7	T__									14755638	FDSN	HU	--	BUD	iLoc	HHN	???	_
STHS	1.08	313.5	Pg	10:56:20.156	-0.0	T__	6.5	0.2	---	MLv	2.3	14755639	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_			
STHS	1.08	313.5	Lg	10:56:36.730	0.2	T__			---			14755640	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
2016/12/14	13:19:56.79	0.67	0.55	48.4132	17.2448	5.3	3.4	125	0.0F	0.0	10	4	0.95	1.04	a	ke	VIE	14638010	ISC			360
2016/12/14	13:19:55.87	1.17	1.11	48.3610	17.3229	10.1	4.4	121	10.7F	9.0	16	10	129	0.22	1.42	m	ke	BUD	14755654	iLoc		148

Magnitude	Err	Nsta	Author	OrigID
mb	1.6		VIE	14638010
ml	1.9		VIE	14638010
ML	1.9	0.1	8 BUD	14755654

Sta	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	0.22	221.8	Pg	13:20:00.695	-0.2					T__	9.5	5.5		---	MLv	2.7	14755656	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.22	221.8	Lg	13:20:04.678	0.1					T__				---		14755657	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 2.7 0																									
A334A	0.34	43.7	Pg	13:20:02.253	-0.7					T__	5.1	0.4		---	MLv	1.8	14755658	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.8 0																									
JAVC	0.55	24.7	Pg	13:20:06.562	-0.5					T__	1.7	0.1		---	MLv	1.9	14755659	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.55	24.7	Lg	13:20:16.670	1.5					T__				---		14755660	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1																									
KRUC	0.93	319.1	Sn	13:20:26.744	-1.0					T__				---		14755661	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
EGYH	0.95	179.6	Pn	13:20:11.644	-2.5					T__	1.6	0.1		---	MLv	2.2	14755662	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.2 1																									
RONA	0.96	226.5	Pn	13:20:14.731	0.4					T__		5.0	0.18	---		14755663	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	0.96	226.5	Sn	13:20:29.216	0.6					T__		4.8	0.22	---		14755664	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.06	333.3	Pg	13:20:14.904	-1.0					T__	1.4	0.1		---	MLv	1.9	14755665	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
VRAC	1.06	333.3	Sn	13:20:30.645	-0.2					T__				---		14755666	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.9 1																									
CONA	1.07	246.7	Pn	13:20:16.412	0.4					T__	1.8	0.1		---	MLv	1.9	14755667	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.07	246.7	Sn	13:20:31.970	0.4					T__				---		14755668	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 1																									
MPLH	1.20	172.9	Pn	13:20:19.250	1.6					T__	1.5	0.1		---	MLv	1.9	14755669	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 1																									
MORC	1.42	5.7	Pg	13:20:22.315	0.1					T__	1.3	0.1		---	MLv	2.1	14755670	FDSN	CZ	--	BUD	iLoc	BHN	BHZ	_
MORC	1.42	5.7	Sn	13:20:40.594	0.5					T__				---		14755671	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	
2016/12/15	12:14:08.58	1.18	1.31	48.5777	20.7624	8.1	4.0	155	6.5F	10.9	13	7	147	0.21	1.28	m	ke	BUD	14755707	iLoc			171

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	6 BUD	14755707

Sta	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	242.9	Pg	12:14:12.376	-0.6					T__	10.9	0.8		---	MLv	1.8	14755709	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	242.9	Lg	12:14:16.541	0.2					T__				---		14755710	FDSN	SK	--	BUD	iLoc	EHE	???	_	





(Station ML : 1.7 1	KECS 0.72 307.5 Pg	10:10:45.340	0.1	T__	2.0	0.1	---	MLv	1.9	14755835	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
	KECS 0.72 307.5 Lg	10:10:55.868	-0.2	T__			---			14755836	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Station ML : 1.9 1	TRPA 0.80 83.5 Pn	10:10:47.195	-0.9	T__	2.7	0.1	---	MLv	1.9	14755837	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 1	HOLU 0.84 54.7 Pn	10:10:48.114	-0.5	T__			---			14755838	FDSN	UA	--	BUD	iLoc	MHZ	???	_
	HOLU 0.84 54.7 Lg	10:10:59.758	-1.1	T__			---			14755839	FDSN	UA	--	BUD	iLoc	MHZ	???	_
	CRVS 0.86 4.9 Pn	10:10:48.195	-0.7	T__	1.3	0.0	---	MLv	1.1	14755840	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
	CRVS 0.86 4.9 Lg	10:11:01.377	0.5	T__			---			14755841	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.1 0	PSZ 0.99 263.1 Pg	10:10:52.003	0.5	T__	3.0	0.1	---	MLv	2.0	14755842	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
	PSZ 0.99 263.1 Lg	10:11:06.379	-0.1	T__			---			14755843	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 2.0 0	ET1H 1.01 261.0 Pg	10:10:52.976	1.2	T__	2.1	0.1	---	MLv	1.9	14755844	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
	ET1H 1.01 261.0 Lg	10:11:06.604	-0.2	T__			---			14755845	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Station ML : 1.9 1	STHS 1.37 357.1 Pg	10:10:59.400	3.3	T__		0.1	---			14755846	FDSN	IR	--	ISC	iLoc	???	???	_
	STHS 1.37 357.1 Lg	10:11:16.800	-0.5	T__		0.1	---			14755847	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
2016/12/20	09:18:37.39	1.26	1.07	48.7785	18.8568	5.9	4.5	46	7.4F	11.3	16	10	85	0.26	1.57	m	ke BUD	14755875	iLoc			127

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	9 BUD	14755875

Sta	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	0.26	275.9	Pg	09:18:40.871	-1.9					T__	10.5	2.5		---	MLv	2.4	14755877	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.4 1	VYHS 0.29 182.8 Pg	09:18:43.011	-0.4	T__	2.0	0.0	---	MLv	0.4	14755878	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_							
	VYHS 0.29 182.8 Lg	09:18:48.088	0.3	T__			---			14755879	FDSN	SK	--	BUD	iLoc	HHE	???	_							
(Station ML : 0.4 0	A335A 0.48 226.4 Pg	09:18:46.381	-0.7	T__	2.7	0.2	---	MLv	2.0	14755880	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_							
	A335A 0.48 226.4 Lg	09:18:54.550	0.3	T__			---			14755881	FDSN	Z3	00	BUD	iLoc	HHN	???	_							
(Station ML : 2.0 1	A331A 0.56 311.8 Pg	09:18:47.584	-0.8	T__	1.7	0.2	---	MLv	2.0	14755882	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_							
(Station ML : 2.0 1	JAVC 0.79 276.3 Pg	09:18:54.120	1.0	T__	1.3	0.1	---	MLv	2.1	14755883	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_							
	JAVC 0.79 276.3 Lg	09:19:06.274	1.7	T__			---			14755884	FDSN	CZ	--	BUD	iLoc	BHE	???	_							
(Station ML : 2.1 1	PSZ 1.10 140.8 Pg	09:19:00.100	0.1	T__	1.3	0.1	---	MLv	2.0	14755885	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_							
	PSZ 1.10 140.8 Sn	09:19:14.095	-1.0	T__			---			14755886	FDSN	GE	--	BUD	iLoc	BHN	???	_							
(Station ML : 2.0 1	NIE 1.15 55.6 Pg	09:18:59.196	0.2	T__	1.6	0.1	---	MLv	1.9	14755887	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_							
	NIE 1.15 55.6 Lg	09:19:14.428	-1.3	T__			---			14755888	FDSN	PL	--	BUD	iLoc	BHE	???	_							
(Station ML : 1.9 1	OKC 1.16 336.6 Lg	09:19:15.858	0.7	T__			---			14755889	FDSN	CZ	--	BUD	iLoc	BHN	???	_							
	MORC 1.32 319.8 Pn	09:19:01.371	0.0	T__	1.1	0.1	---	MLv	2.2	14755890	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_							
	MORC 1.32 319.8 Lg	09:19:19.983	-0.3	T__			---			14755891	FDSN	CZ	--	BUD	iLoc	BHN	???	_							
(Station ML : 2.2 1	OJC 1.57 22.7 Pn	09:19:06.330	1.1	T__	2.0	0.2	---	MLv	2.6	14755892	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/12/20	10:26:07.22	1.14	0.83	48.6533	19.9186	5.6	4.6	77	0.0A		11	6	76	0.41	1.16	m	ke BUD	14756133	iLoc			148

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	5 BUD	14756133

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
KECS	0.41	114.1	Pg	10:26:15.716	0.2					T__	4.9	0.4		___	MLv	2.0	14756135	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.41	114.1	Lg	10:26:21.789	-0.1					T__				___		14756136	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Station ML : 2.0 0																										
LANS	0.58	329.3	Pg	10:26:18.902	0.3					T__	8.4	0.1		___	MLv	1.9	14756137	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
LANS	0.58	329.3	Lg	10:26:26.792	-0.4					T__				___		14756138	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Station ML : 1.9 1																										
PSZ	0.74	181.3	Pg	10:26:22.658	-0.1					T__	2.0	0.1		___	MLv	1.9	14756139	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.74	181.3	Lg	10:26:33.385	-1.0					T__				___		14756140	FDSN	GE	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.9 1																										
VYHS	0.74	257.9	Pn	10:26:24.673	0.8					T__	1.7	0.0		___	MLv	1.2	14756141	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.74	257.9	Lg	10:26:32.028	-0.8					T__				___		14756142	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 1.2 0																										
NIE	0.81	18.6	Pg	10:26:22.507	0.1					T__	1.3	0.1		___	MLv	1.8	14756143	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
NIE	0.81	18.6	Lg	10:26:32.440	-1.7					T__				___		14756144	FDSN	PL	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.8 1																										
STHS	1.16	48.3	Lg	10:26:45.763	-0.2					T__				___		14756145	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
2016/12/20	10:27:34.60	1.09	0.61	48.5155	20.7970	9.2	5.2	172	5.0A		9	7	99	0.21	1.30	m	ke BUD	14756167	iLoc			138

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	4 BUD	14756167

Sta	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	261.3	Pg	10:27:38.250	-0.7					T__	21.2	1.5		___	MLv	2.1	14756169	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	0.21	261.3	Lg	10:27:42.290	-0.1					T__				___		14756170	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Station ML : 2.1 1																										
ABAH	0.37	126.5	Lg	10:27:48.556	0.4					T__				___		14756171	FDSN	HU	--	BUD	iLoc	HHE	???	_		
CRVS	0.59	48.4	Pg	10:27:45.084	-0.6					T__	1.2	0.0		___	MLv	1.2	14756172	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 1.2 1																										
PSZ	0.85	225.6	Pn	10:27:52.743	0.3					T__	1.2	0.1		___	MLv	1.9	14756173	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.85	225.6	Lg	10:28:05.992	0.7					T__				___		14756174	FDSN	GE	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.9 1																										
NIE	0.96	340.8	Pn	10:27:54.721	0.7					T__	2.0	0.1		___	MLv	1.9	14756175	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 1.9 1																										
TRPA	1.22	107.7	Sn	10:28:15.870	-0.4					T__				___		14756176	FDSN	HU	--	BUD	iLoc	BHE	???	_		
VYHS	1.30	269.8	Sn	10:28:17.655	0.0					T__				___		14756177	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
2016/12/21	09:52:00.91	1.35	0.49	48.5559	20.7849	11.2	4.8	151	6.1F	13.8	8	5	161	0.21	1.25	m	ke BUD	14756195	iLoc			219

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	3 BUD	14756195

Sta	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	250.0	Pg	09:52:04.990	-0.4					T__	23.8	1.4		___	MLv	2.0	14756197	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	250.0	Lg	09:52:09.036	0.2					T__				---		14756198	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.0 1																									
ABAH	0.40	130.5	Lg	09:52:15.399	-0.2					T__				---		14756199	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CRVS	0.57	52.0	Pg	09:52:12.142	0.5					T__	1.1	0.0		___	MLv	1.3	14756200	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	52.0	Lg	09:52:20.456	-0.4					T__				---		14756201	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.3 1																									
PSZ	0.87	223.4	Pg	09:52:19.604	0.4					T__	1.6	0.1		___	MLv	2.1	14756202	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	223.4	Lg	09:52:32.377	0.1					T__				---		14756203	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.1 1																									
TRPA	1.25	109.3	Sn	09:52:42.499	-0.3					T__				---		14756204	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
2016/12/21	11:25:40.76	1.30	1.05	47.8489	19.1172	7.7	4.4	9	0.0S		11	7	180	0.07	1.11	m	kx BUD	14756218	iLoc			184

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	6 BUD	14756218

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A270A	0.07	266.9	Pg	11:25:42.709	0.1					T__	45.0	2.8		___	MLv	1.9	14756220	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.9 1																									
A336A	0.39	348.4	Pg	11:25:48.888	0.0					T__	2.3	0.2		___	MLv	1.6	14756221	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A336A	0.39	348.4	Lg	11:25:54.836	-0.0					T__				---		14756222	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Station ML : 1.6 1																									
ET1H	0.51	86.3	Pg	11:25:53.507	1.8					T__	1.1	0.1		___	MLv	1.8	14756223	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.51	86.3	Lg	11:26:01.014	1.2					T__				---		14756224	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.8 1																									
PSZ	0.53	82.1	Pg	11:25:51.326	-0.9					T__	1.4	0.1		___	MLv	1.8	14756225	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.53	82.1	Lg	11:25:59.366	-1.5					T__				---		14756226	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
SRO	0.54	266.5	Lg	11:26:00.267	0.1					T__				---		14756227	FDSN	SK	--	BUD	iLoc	EHN	???	_	
VYHS	0.67	343.9	Pg	11:25:55.314	0.9					T__	1.0	0.0		___	MLv	1.3	14756228	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.67	343.9	Lg	11:26:04.448	0.0					T__				---		14756229	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.3 0																									
KECS	1.11	54.8	Pn	11:26:02.132	-0.6					T__	2.1	0.1		___	MLv	2.3	14756230	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/12/21	14:09:39.40	0.19	0.41	45.9243	21.7358	1.4	1.1	101	2.4F	1.6	24	72		0.31	2.37	a	ke BUC	14638399	ISC			360
2016/12/21	14:09:38.95	0.92	1.39	45.9544	21.7278	3.0	2.9	172	2.6F	8.2	52	19	61	0.31	2.92	m	ke BUD	14756324	iLoc			83

Magnitude	Err	Nsta	Author	OrigID
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m1 2.4 BUC 14638399  
 ML 2.5 0.2 10 BUD 14756324

Sta	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	0.31	351.8	Pg	14:09:46.171	0.6					T__	8.6	0.8		MLv	2.1	14756326	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.31	351.8	Lg	14:09:51.019	0.3					T__						14756327	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 2.1 0)																								
BZS	0.34	190.4	Pg	14:09:45.568	-0.2					T__	9.8	0.7		MLv	2.1	14756328	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.34	190.4	Lg	14:09:49.892	-1.0					T__						14756329	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Station ML : 2.1 0)																								
SURR	0.34	125.7	Pg	14:09:46.185	0.5					T__						14756330	FDSN	IR	--	ISC	iLoc	???	???	_
SURR	0.34	125.7	Pg	14:09:46.185	0.5					T__		0.4				14756331	FDSN	IR	--	ISC	iLoc	???	???	_
SURR	0.34	125.7	Lg	14:09:50.580	-0.1					T__		0.4				14756332	FDSN	IR	--	ISC	iLoc	???	???	_
BANR	0.71	216.1	Pg	14:09:52.820	0.1					T__	2.7	0.3		MLv	2.4	14756333	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BANR	0.71	216.1	Lg	14:10:03.371	0.4					T__						14756334	FDSN	RO	--	BUD	iLoc	BHE	???	_
BANR	0.71	216.2	Pb	14:09:52.276	-0.4					T__						14756335	FDSN	IR	--	ISC	iLoc	???	???	_
BANR	0.71	216.2	Pb	14:09:52.276	-0.4					T__		0.7				14756336	FDSN	IR	--	ISC	iLoc	???	???	_
BANR	0.71	216.2	Sg	14:10:02.849	-0.1					T__		0.7				14756337	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.4 1)																								
AMBH	0.80	300.0	Pg	14:09:55.743	0.2					T__	3.0	0.5		MLv	2.6	14756338	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
AMBH	0.80	300.0	Lg	14:10:05.910	-2.1					T__						14756339	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Station ML : 2.6 1)																								
GZR	0.93	127.0	Pg	14:09:56.485	-0.2					T__	4.5	0.3		MLv	2.4	14756340	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.93	127.0	Pb	14:09:56.779	0.0					T__						14756341	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	0.93	127.0	Pb	14:09:56.779	0.0					T__		0.3				14756342	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	0.93	127.0	Lg	14:10:09.298	-0.7					T__						14756343	FDSN	RO	--	BUD	iLoc	BHE	???	_
GZR	0.93	127.0	Sg	14:10:09.794	-0.2					T__		0.3				14756344	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.4 1)																								
DRGR	1.08	38.8	Pn	14:10:00.674	0.5					T__	2.8	0.9		MLv	3.0	14756345	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.08	38.8	Sn	14:10:14.653	-2.3					T__						14756346	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Station ML : 3.0 0)																								
MDVR	1.17	180.5	Pn	14:10:00.875	-0.4					T__						14756347	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.17	180.5	Pn	14:10:00.875	-0.4					T__		0.1				14756348	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.17	180.5	Lg	14:10:16.693	-2.2					T__		0.1				14756349	FDSN	IR	--	ISC	iLoc	???	???	_
MARR	1.20	52.7	Pn	14:10:02.641	0.5					T__						14756350	FDSN	IR	--	ISC	iLoc	???	???	_
MARR	1.20	52.7	Pn	14:10:02.641	0.5					T__		0.1				14756351	FDSN	IR	--	ISC	iLoc	???	???	_
MARR	1.20	52.7	Sn	14:10:19.038	-1.3					T__		0.1				14756352	FDSN	IR	--	ISC	iLoc	???	???	_
DJES	1.40	156.3	Sn	14:10:24.181	-0.4					T__						14756353	FDSN	IR	--	ISC	iLoc	???	???	_
MESR	1.46	34.7	Sn	14:10:28.066	1.6					T__						14756355	FDSN	IR	--	ISC	iLoc	???	???	_
MESR	1.46	34.7	Sn	14:10:28.066	1.6					T__		0.5				14756356	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.50	59.0	Pn	14:10:07.365	1.1					T__						14756357	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.50	59.0	Pn	14:10:07.365	1.1					T__		0.2				14756358	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.50	59.0	Pg	14:10:08.147	-0.0					T__	2.3	0.3		MLv	2.8	14756359	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	1.50	59.0	Sn	14:10:28.716	1.0					T__		0.2				14756360	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.50	59.0	Lg	14:10:29.521	-1.4					T__						14756361	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Station ML : 2.8 1)																								
LOT	1.52	108.8	Pn	14:10:07.721	1.4					T__						14756362	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.52	108.8	Pn	14:10:07.721	1.4					T__		0.1				14756363	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.52	108.8	Sn	14:10:29.023	1.1					T__		0.1				14756364	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.52	108.8	Pg	14:10:09.319	1.3					T__	1.9	0.2		MLv	2.5	14756365	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
LOT	1.52	108.8	Lg	14:10:29.124	-1.0					T__						14756366	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Station ML : 2.5 1)																								
SRE	1.66	140.6	Sn	14:10:31.192	0.1					T__						14756367	FDSN	IR	--	ISC	iLoc	???	???	_

MORH	2.16	278.1	Pn	14:10:14.141	-0.8	T__	2.6	0.0	---	MLv	2.1	14756369	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	2.16	278.0	Sn	14:10:44.731	2.2	T__			---			14756370	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.1 1																				
DIVS	2.23	214.2	Sn	14:10:47.426	3.0	T__			---			14756372	FDSN	MN	--	BUD	iLoc	BHE	???	_
PSZ	2.33	328.1	Pn	14:10:17.244	-0.5	T__	0.8	0.2	---	MLv	3.0	14756373	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.0 0																				
VOIR	2.38	101.3	Sn	14:10:50.144	-0.1	T__			---			14756374	FDSN	IR	--	ISC	iLoc	???	???	_
BURAR	2.92	54.0	Pn	14:10:29.184	2.6	T__			---			14756376	FDSN	IR	--	ISC	iLoc	???	???	_
BURAR	2.92	54.0	Lg	14:11:11.725	-5.2	T__			---			14756377	FDSN	IR	--	ISC	iLoc	???	???	_
STON	4.22	224.5	Pn	14:10:50.620	5.9	---			---			14756378	FDSN	IR	--	ISC	iLoc	???	???	_
STON	4.22	224.5	Sn	14:10:58.570	-35.6	---			---			14756379	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
2016/12/21	19:06:50.22	0.17	0.20	46.0388	21.4991	1.6	1.0	68	12.8F	1.4	11	133	0.25	1.29	a	ke	BUC	14638501	ISC			360
2016/12/21	19:06:49.66	0.99	0.54	46.0489	21.4581	6.4	4.2	78	7.2F	8.4	21	6	135	0.26	1.31	m	ke	BUD	14756436	iLoc		227

Magnitude	Err	Nsta	Author	OrigID
ml	1.0		BUC	14638501
ML	1.4	0.4	3 BUD	14756436

Sta	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	0.26	33.3	Pg	19:06:55.327	-0.0				T__		1.5	0.1		---	MLv	1.2	14756438	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.26	33.3	Lg	19:06:59.381	-0.3				T__					---		14756439	FDSN	RO	--	BUD	iLoc	BHE	???	_	
SIRR	0.26	32.6	Pb	19:06:55.635	0.3				T__					---		14756440	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.26	32.6	Pb	19:06:55.635	0.3				T__		0.1			---		14756441	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.26	32.6	Sg	19:06:59.568	-0.1				T__		0.1			---		14756442	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.2 1																									
BZS	0.45	165.6	Pg	19:06:58.783	0.2				T__					---		14756443	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.45	163.5	Pb	19:06:58.643	0.0				T__	0.8	0.1			---	MLv	1.4	14756445	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.45	163.5	Lg	19:07:04.934	-0.4				T__					---		14756446	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.4 1																									
SURR	0.55	122.1	Pg	19:07:00.584	0.1				T__					---		14756447	FDSN	IR	--	ISC	iLoc	???	???	_	
SURR	0.55	122.1	Lg	19:07:07.864	-0.7				T__					---		14756449	FDSN	IR	--	ISC	iLoc	???	???	_	
AMBH	0.59	300.9	Lg	19:07:11.004	-0.4				T__					---		14756450	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.13	124.9	Pg	19:07:11.605	0.1				T__					---		14756452	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.13	124.9	Pb	19:07:12.413	0.9				T__	1.3	0.1			---	MLv	2.0	14756454	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.13	124.9	Sn	19:07:26.512	-1.0				T__					---		14756455	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
MARR	1.31	60.8	Pn	19:07:14.372	0.6				T__					---		14756456	FDSN	IR	--	ISC	iLoc	???	???	_	
MARR	1.31	60.8	Sn	19:07:31.677	-1.0				T__					---		14756458	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
2016/12/22	09:53:29.94	1.38	0.61	48.5633	20.7804	8.5	4.8	159	1.3F	14.9	10	5	145	0.21	1.29	m	ke	BUD	14756657	iLoc		223

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	14756657

Sta	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	247.9	Pg	09:53:34.200	-0.1	T__	8.4	0.6	___	MLv	1.7	14756659	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.21	247.9	Lg	09:53:38.020	0.4	T__			---			14756660	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 1.7 1																				
ABAH	0.41	131.0	Pg	09:53:37.961	-0.1	T__	1.7	0.2	___	MLv	1.6	14756661	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	131.0	Lg	09:53:45.308	0.5	T__			---			14756662	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Station ML : 1.6 1																				
CRVS	0.56	52.8	Pg	09:53:40.892	0.3	T__	1.6	0.0	___	MLv	1.3	14756663	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.56	52.8	Lg	09:53:48.854	-0.9	T__			---			14756664	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 1.3 0																				
PSZ	0.88	222.9	Pn	09:53:48.473	-0.1	T__	1.6	0.1	___	MLv	2.1	14756665	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	222.9	Lg	09:54:01.135	-0.6	T__			---			14756666	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 2.1 0																				
VVHS	1.29	267.7	Pn	09:53:54.883	0.6	T__	1.0	0.0	___	MLv	1.6	14756667	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	1.29	267.7	Sn	09:54:13.186	-0.3	T__			---			14756668	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
2016/12/22	17:07:19.40	1.20	0.44	47.6181	18.0419	8.1	4.5	139	9.7F	9.7	12	8	143	0.20	1.29	m	ke BUD	14756690	iLoc			173

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	7 BUD	14756690

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A268A	0.20	203.2	Pg	17:07:23.705	-0.3					T__	2.3	0.1	___	MLv	0.9	14756692	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 0.9 0																								
A269A	0.23	84.8	Pg	17:07:23.895	-0.6					T__	2.7	0.2	___	MLv	1.2	14756693	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.2 1																								
SR0	0.27	43.1	Pg	17:07:25.302	0.1					T__	5.4	0.5	___	MLv	1.7	14756694	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.27	43.1	Lg	17:07:29.805	0.4					T__			---		14756695	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 1.7 1																								
CSKK	0.30	149.7	Pg	17:07:25.817	0.1					T__	1.6	1.0	___	MLv	2.1	14756696	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.30	149.7	Lg	17:07:30.963	0.4					T__			---		14756697	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.1 0																								
EGYH	0.52	247.5	Pg	17:07:30.323	0.3					T__	1.5	0.2	___	MLv	2.0	14756698	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.52	247.5	Lg	17:07:37.441	-0.3					T__			---		14756699	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.0 1																								
MPLH	0.56	217.5	Pg	17:07:30.641	-0.2					T__	2.1	0.1	___	MLv	1.9	14756700	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.56	217.5	Lg	17:07:39.467	0.4					T__			---		14756701	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 1																								
VVHS	1.03	31.0	Pn	17:07:38.428	-0.4					T__	1.3	0.0	___	MLv	1.3	14756702	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.3 1																								
PSZ	1.29	75.8	Sn	17:08:01.047	0.5					T__			---		14756703	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
2016/12/22	17:21:02.99	1.10	0.69	47.6364	18.0150	5.8	4.0	143	8.2F	8.2	19	13	67	0.21	1.55	m	ke BUD	14756733	iLoc			110

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	9 BUD	14756733

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
A268A	0.21	196.8	Pg	17:21:06.770	-1.0					T__	2.5	0.2		---	MLv	1.1	14756735	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A268A	0.21	196.8	Lg	17:21:11.305	0.0					T__				---		14756736	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Station ML : 1.1 0																										
A269A	0.25	89.4	Pg	17:21:08.216	-0.1					T__	8.7	0.5		---	MLv	1.7	14756737	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 1.7 1																										
SR0	0.27	48.6	Pg	17:21:08.930	0.2					T__	6.3	0.6		---	MLv	1.8	14756738	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
SR0	0.27	48.6	Lg	17:21:13.139	0.2					T__				---		14756739	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Station ML : 1.8 1																										
CSKK	0.32	148.5	Pg	17:21:09.656	-0.1					T__	2.8	1.7		---	MLv	2.4	14756740	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.32	148.5	Lg	17:21:14.805	-0.0					T__				---		14756741	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Station ML : 2.4 1																										
EGYH	0.51	244.8	Pg	17:21:13.603	0.2					T__	1.0	0.1		---	MLv	1.9	14756742	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
EGYH	0.51	244.8	Lg	17:21:21.616	0.5					T__				---		14756743	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Station ML : 1.9 1																										
MPLH	0.57	214.9	Pg	17:21:14.547	0.1					T__	1.7	0.1		---	MLv	1.8	14756744	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.57	214.9	Lg	17:21:24.290	1.4					T__				---		14756745	FDSN	HU	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.8 1																										
TIH	0.74	186.8	Lg	17:21:29.887	1.3					T__				---		14756746	FDSN	HU	--	BUD	iLoc	HHZ	???	_		
SOP	0.99	273.3	Pn	17:21:21.802	-0.2					T__	1.1	0.1		---	MLv	2.0	14756747	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.0 1																										
VYHS	1.02	32.4	Pn	17:21:22.129	-0.3					T__	1.7	0.0		---	MLv	1.3	14756748	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	1.02	32.4	Sn	17:21:36.767	-0.7					T__				---		14756749	FDSN	SK	--	BUD	iLoc	HHE	???	_		
(Station ML : 1.3 1																										
JAVC	1.25	349.5	Sn	17:21:43.418	0.2					T__				---		14756750	FDSN	CZ	--	BUD	iLoc	BHE	???	_		
PSZ	1.30	76.8	Sn	17:21:45.686	0.9					T__				---		14756751	FDSN	GE	--	BUD	iLoc	BHN	???	_		
CONA	1.48	282.2	Pg	17:21:31.564	-0.6					T__	1.2	0.1		---	MLv	2.5	14756752	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.5 0																										
KOVH	1.55	177.8	Lg	17:21:54.057	-0.7					T__				---		14756753	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
2016/12/23	10:04:03.36	1.17	0.46	47.0936	17.9671	6.8	6.7	5	1.0A		8	4	115	0.30	1.01	m	ke BUD	14756791	iLoc			226

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.5	4 BUD	14756791

Sta	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	284.9	Pg	10:04:10.066	0.4					T__	1.5	0.1		---	MLv	1.0	14756793	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MPLH	0.30	284.9	Lg	10:04:13.556	-0.8					T__				---		14756794	FDSN	HU	--	BUD	iLoc	BHZ	???	_		
(Station ML : 1.0 1																										
CSKK	0.34	36.5	Pg	10:04:10.227	-0.1					T__	1.1	0.7		---	MLv	2.1	14756795	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.34	36.5	Lg	10:04:15.533	0.0					T__				---		14756796	FDSN	HU	--	BUD	iLoc	HHZ	???	_		
(Station ML : 2.1 1																										
MORH	0.99	151.8	Pn	10:04:23.413	0.2					T__	1.4	0.0		---	MLv	1.3	14756797	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
MORH	0.99	151.8	Lg	10:04:37.452	-0.4					T__				---		14756798	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.3 1																										
KOVH	1.01	174.7	Pn	10:04:23.559	-0.0					T__	0.9	0.1		---	MLv	1.8	14756799	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
KOVH	1.01	174.7	Lg	10:04:38.256	-0.2					T__				---		14756800	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
2016/12/25	10:14:43.50		0.39	46.8300	16.6900				6.0A				3	0.90	2.86	a	ke CSEM	14639137	ISC			360
2016/12/25	10:14:43.30	0.00		46.8800	16.8500				0.0A		14					a	ke PRU	14639135	ISC			360
2016/12/25	10:14:43.21	0.86	1.35	46.8250	16.6990	2.5	2.3	120	9.3F	5.6	84	43	33	0.12	4.13	m	ke BUD	14757169	iLoc			44

Magnitude	Err	Nsta	Author	OrigID
mb	2.5		CSEM	14639137
ML	2.5	0.2	25 BUD	14757169

Sta	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	0.12	288.5	Pg	10:14:46.892	0.5					T__	62.3	7.7		___	MLv	2.5	14757171	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.12	288.5	Lg	10:14:50.281	1.5					T__				___		14757172	FDSN	Z3	00	BUD	iLoc	HHN	???	???	_
(Station ML : 2.5 1																									
A261A	0.33	67.4	Pg	10:14:49.282	-1.0					T__	9.4	0.7		___	MLv	2.0	14757173	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.33	67.4	Lg	10:14:55.026	-0.5					T__				___		14757174	FDSN	Z3	00	BUD	iLoc	HHN	???	???	_
(Station ML : 2.0 0																									
BEHE	0.36	171.5	Pg	10:14:50.994	0.2					T__	10.1	1.0		___	MLv	2.3	14757175	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.36	171.5	Pb	10:14:51.300	0.5					T__		1.0		___		14757176	FDSN	IR	--	ISC	iLoc	???	???	???	_
BEHE	0.36	171.5	x	10:14:52.700	-99.0					---		1.0		---		14757177	FDSN	IR	--	ISC	iLoc	???	???	???	_
(Station ML : 2.3 1																									
A260A	0.46	0.6	Pg	10:14:53.278	0.7					T__	6.3	0.8		___	MLv	2.5	14757178	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.5 1																									
KOGS	0.49	219.5	Pg	10:14:52.908	-0.2					T__	4.6	1.9		___	MLv	2.9	14757179	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.49	219.5	Pb	10:14:52.200	-0.9					T__		1.9		---		14757180	FDSN	IR	--	ISC	iLoc	???	???	???	_
KOGS	0.49	219.5	x	10:14:53.600	-99.0					---		1.9		---		14757181	FDSN	IR	--	ISC	iLoc	???	???	???	_
(Station ML : 2.9 0																									
A010A	0.49	300.6	Pg	10:14:53.670	0.6					T__	3.7	0.4		___	MLv	2.2	14757182	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.2 1																									
A021A	0.60	263.8	Pg	10:14:55.169	0.1					T__	4.2	0.3		___	MLv	2.4	14757183	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.4 1																									
MPLH	0.67	58.7	Pg	10:14:55.700	-1.1					T__		0.3		---		14757184	FDSN	IR	--	ISC	iLoc	???	???	???	_
MPLH	0.67	58.7	Pb	10:14:56.213	-0.5					T__	2.7	0.3		___	MLv	2.3	14757185	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.67	58.7	x	10:14:58.300	-99.0					---		0.3		---		14757186	FDSN	IR	--	ISC	iLoc	???	???	???	_
MPLH	0.67	58.7	Lg	10:15:06.620	0.1					T__				---		14757187	FDSN	HU	--	BUD	iLoc	BHN	???	???	_
(Station ML : 2.3 1																									
KALN	0.71	193.7	Pn	10:14:58.850	-0.1					T__				---		14757188	FDSN	IR	--	ISC	iLoc	???	???	???	_
KALN	0.71	193.7	Lg	10:15:07.520	-1.0					T__				---		14757189	FDSN	IR	--	ISC	iLoc	???	???	???	_
EGYH	0.73	35.9	Pg	10:14:57.583	-0.4					T__	4.1	0.5		___	MLv	2.6	14757190	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.73	35.9	Sn	10:15:10.418	-0.5					T__				---		14757191	FDSN	HU	--	BUD	iLoc	HHN	???	???	_
EGYH	0.73	35.9	Pb	10:14:56.800	-1.2					T__		0.5		---		14757192	FDSN	IR	--	ISC	iLoc	???	???	???	_
EGYH	0.73	35.9	Pn	10:15:11.700	12.9					---				---		14757193	FDSN	IR	--	ISC	iLoc	???	???	???	_
(Station ML : 2.6 1																									
A264A	0.78	148.3	Pn	10:14:59.771	0.2					T__	2.1	0.3		___	MLv	2.4	14757194	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.4 1																									
LOB0	0.80	213.2	Pg	10:14:59.280	0.2					T__				---		14757195	FDSN	IR	--	ISC	iLoc	???	???	???	_
LOB0	0.80	213.2	Lg	10:15:10.350	-0.4					T__				---		14757196	FDSN	IR	--	ISC	iLoc	???	???	???	_
TIH	0.82	84.3	Pn	10:15:00.687	0.8					T__	5.5	1.1		___	MLv	3.0	14757197	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.82	84.3	Pg	10:15:03.400	3.8					T__		1.1		---		14757198	FDSN	IR	--	ISC	iLoc	???	???	???	_
TIH	0.82	84.3	Pb	10:15:13.500	13.9					---				---		14757199	FDSN	IR	--	ISC	iLoc	???	???	???	_
(Station ML : 3.0 0																									
SOP	0.86	353.7	Pn	10:15:01.352	0.8					T__	1.8	0.1		___	MLv	2.1	14757200	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.86	353.7	Pg	10:15:01.900	1.4					T__		0.1		---		14757201	FDSN	IR	--	ISC	iLoc	???	???	???	_
SOP	0.86	353.7	Lg	10:15:13.498	0.9					T__				---		14757202	FDSN	HU	--	BUD	iLoc	BHE	???	???	_



JAVC	2.14	17.5	Pn	10:15:20.360	1.7	T__	1.1	0.2	___	MLv	2.9	14757246	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML : 2.9 1																					
KRUC	2.25	354.9	Pn	10:15:20.709	0.9	T__	2.3	0.1	___	MLv	2.9	14757247	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
KRUC	2.25	354.9	Sn	10:15:47.499	-0.2	T__			---			14757248	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.9 1																					
RABC	2.47	213.6	Pn	10:15:25.440	2.0	T__			---			14757249	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	2.49	358.4	Pn	10:15:24.366	1.2	T__	2.0	0.2	---	MLv	3.1	14757250	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
VRAC	2.49	358.4	Sn	10:15:53.575	0.1	T__			---			14757251	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 3.1 0																					
SMRN	2.52	225.7	Pn	10:15:25.220	1.2	T__			---			14757252	FDSN	IR	--	ISC	iLoc	???	???	_	
SMRN	2.52	225.7	Sn	10:15:55.480	0.6	T__			---			14757253	FDSN	IR	--	ISC	iLoc	???	???	_	
NVLJ	2.60	210.2	Pn	10:15:26.910	1.6	T__			---			14757254	FDSN	IR	--	ISC	iLoc	???	???	_	
VIRC	2.78	205.1	Pn	10:15:29.720	1.7	T__			---			14757255	FDSN	IR	--	ISC	iLoc	???	???	_	
KIJV	2.83	184.3	Pn	10:15:29.860	1.1	T__			---			14757256	FDSN	IR	--	ISC	iLoc	???	???	_	
ABTA	2.88	270.0	Pg	10:15:36.578	-0.9	T__		0.9	0.36	---		14757257	FDSN	IR	--	ISC	iLoc	???	???	_	
MORI	3.04	193.7	Pn	10:15:33.140	1.2	T__			---			14757258	FDSN	IR	--	ISC	iLoc	???	???	_	
DUGI	3.06	202.8	Pn	10:15:33.610	1.4	T__			---			14757259	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	3.12	318.9	Pn	10:15:35.400	3.6	T__			---			14757260	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	3.12	318.9	Lg	10:16:23.100	-0.2	T__			---			14757261	FDSN	IR	--	ISC	iLoc	???	???	_	
RICI	3.34	174.6	Pn	10:15:37.410	1.2	T__			---			14757262	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	4.13	88.3	Pn	10:15:46.320	-0.4	T__	1.7	0.3	---	MLv	4.1	14757263	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/12/28	05:42:44.76	1.44	0.75	47.2278	18.2578	9.0	4.6	110	2.8F	12.8	13	8	107	0.14	1.33	m	ke BUD	14758232	iLoc			148

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	7 BUD	14758232

Sta	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	0.8	Pg	05:42:47.339	-0.5					T__	9.8	5.9		___	MLv	2.4	14758234	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.14	0.8	Lg	05:42:49.657	-0.6					T__				---		14758235	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.4 0																									
TIH	0.41	217.8	Pg	05:42:52.991	-0.2					T__	2.0	0.5		___	MLv	2.1	14758236	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.1 1																									
MPLH	0.49	263.6	Pg	05:42:54.996	0.3					T__	1.7	0.1		___	MLv	1.7	14758237	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.49	263.6	Lg	05:43:02.465	0.4					T__				---		14758238	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
EGYH	0.66	287.0	Lg	05:43:06.997	-0.6					T__				---		14758239	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.05	165.1	Pn	05:43:04.904	-0.2					T__	1.2	0.0		___	MLv	1.3	14758240	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.3 0																									
KOVH	1.15	185.5	Pg	05:43:08.482	0.8					T__	2.0	0.1		___	MLv	1.9	14758241	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.15	185.5	Sn	05:43:22.291	-1.4					T__				---		14758242	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1																									
PSZ	1.31	57.5	Pn	05:43:09.499	0.5					T__	1.0	0.1		___	MLv	2.0	14758243	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.31	57.5	Sn	05:43:27.505	-0.3					T__				---		14758244	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
VYHS	1.33	16.9	Pn	05:43:10.093	1.0					T__	1.1	0.0		___	MLv	1.5	14758245	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.33	16.9	Sn	05:43:28.000	0.2					T__				---		14758246	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
2016/12/28	10:11:50.44	1.25	0.48	48.5417	20.7459	9.5	4.9	168	5.7F	11.5	10	6	96	0.18	1.27	m	ke BUD	14758276	iLoc			162

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	5 BUD	14758276

Sta	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	251.4	Pg	10:11:54.023	-0.3					T__	30.2	1.7		___	MLv	2.0	14758278	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.18	251.4	Lg	10:11:57.475	0.1					T__				---		14758279	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.0 0																									
ABAH	0.41	126.6	Pg	10:11:58.838	0.2					T__	1.4	0.1		___	MLv	1.5	14758280	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	126.6	Lg	10:12:04.977	-0.5					T__				---		14758281	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.5 1																									
PSZ	0.84	222.7	Pg	10:12:08.660	0.5					T__	1.0	0.1		___	MLv	2.0	14758282	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.84	222.7	Lg	10:12:20.652	-0.2					T__				---		14758283	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.0 1																									
NIE	0.92	342.2	Pn	10:12:09.680	0.4					T__	1.6	0.1		___	MLv	1.9	14758284	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 1																									
MASL	0.95	59.9	Lg	10:12:23.010	-0.2					T__				---		14758285	FDSN	SK	--	BUD	iLoc	EHE	???	_	
VYHS	1.27	268.6	Pn	10:12:14.110	0.2					T__	0.8	0.0		___	MLv	1.4	14758286	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.27	268.6	Sn	10:12:31.865	-0.6					T__				---		14758287	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
2016/12/29	08:49:58.96	1.19	0.51	47.0906	17.9663	7.6	4.9	103	5.3F	13.2	10	6	115	0.20	1.01	m	ke BUD	14758309	iLoc			159

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.5	5 BUD	14758309

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.20	195.8	Pg	08:50:03.279	0.0					T__	3.0	0.7		___	MLv	1.7	14758311	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.20	195.8	Lg	08:50:05.916	-0.7					T__				---		14758312	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Station ML : 1.7 1																									
MPLH	0.30	285.4	Pg	08:50:05.258	0.0					T__	2.2	0.1		___	MLv	1.2	14758313	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.30	285.4	Lg	08:50:10.117	0.2					T__				---		14758314	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.2 0																									
CSKK	0.34	36.2	Pg	08:50:06.067	0.1					T__	2.0	0.9		___	MLv	2.2	14758315	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.34	36.2	Lg	08:50:11.031	-0.2					T__				---		14758316	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.2 0																									
A268A	0.34	355.2	Lg	08:50:10.989	-0.3					T__				---		14758317	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORH	0.99	151.7	Pn	08:50:18.659	0.4					T__	1.2	0.0		___	MLv	1.4	14758318	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.99	151.7	Sn	08:50:32.674	-0.7					T__				---		14758319	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.4 1																									
KOVH	1.01	174.7	Pg	08:50:19.696	0.5					T__	2.2	0.1		___	MLv	2.0	14758320	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2016/12/29	13:29:41.90	0.00		47.7700	16.1900				1.0A		24					a	ke PRU	14640248	ISC			360
2016/12/29	13:29:41.87	0.09	0.92	47.7004	16.1434	0.9	0.7	115	13.7F	0.7	55		2	0.10	2.64	a	ke VIE	14640244	ISC			360
2016/12/29	13:29:41.81	0.78	1.26	47.7068	16.1517	2.7	2.6	178	13.0F	5.1	69	37	33	0.05	2.80	m	ke BUD	14758342	iLoc			43

Magnitude	Err	Nsta	Author	OrigID
mb	2.1		VIE	14640244
ml	2.6		VIE	14640244
ML	2.5	0.2	22 BUD	14758342

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A009A	0.05	234.7	Pg	13:29:44.676	0.2					T__	64.3	3.1		---	MLv	1.9	14758344	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A009A	0.05	234.7	Lg	13:29:46.303	-0.2					T__				---		14758345	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Station ML : 1.9 0																									
RONA	0.10	94.1	Pg	13:29:45.165	0.1					T__	999.9	356.2	0.06	---		14758346	FDSN	IR	--	ISC	iLoc	???	???	_	
RONA	0.10	94.1	Lg	13:29:47.120	-0.5					T__		1424.4	0.08	---		14758347	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	0.28	94.8	Pg	13:29:47.894	0.0					T__	25.8	1.5		---	MLv	2.2	14758348	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.28	94.8	Lg	13:29:51.749	-0.5					T__				---		14758349	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.2 1																									
CONA	0.30	318.7	Pg	13:29:47.921	-0.4					T__	24.1	1.0		---	MLv	2.1	14758350	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	0.30	318.7	Lg	13:29:52.849	-0.3					T__				---		14758351	FDSN	OE	--	BUD	iLoc	BHN	???	_	
CONA	0.30	318.7	Pb	13:29:48.123	-0.2					T__	170.8	11.3	0.14	---		14758352	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	0.30	318.7	Sg	13:29:52.730	-0.4					T__		14.7	0.06	---		14758353	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.1 0																									
A004A	0.30	32.7	Pg	13:29:48.725	0.4					T__	4.6	1.2		---	MLv	2.2	14758354	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.30	32.7	Lg	13:29:54.491	1.5					T__				---		14758355	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Station ML : 2.2 1																									
A012A	0.40	255.1	Pg	13:29:50.026	-0.2					T__	27.6	1.3		---	MLv	2.5	14758356	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A012A	0.40	255.1	Lg	13:29:55.974	-0.4					T__				---		14758357	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Station ML : 2.5 1																									
A260A	0.57	138.2	Pg	13:29:53.615	0.2					T__	5.4	0.7		---	MLv	2.6	14758358	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.6 1																									
A003A	0.61	84.8	Pg	13:29:54.455	0.2					T__	1.2	0.7		---	MLv	2.7	14758359	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A003A	0.61	84.8	Lg	13:30:03.349	0.5					T__				---		14758360	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Station ML : 2.7 1																									
ARSA	0.62	223.3	Pg	13:29:54.265	0.1					T__				---		14758361	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	0.62	223.3	Pb	13:29:53.938	-0.2					T__	5.6	0.4		---	MLv	2.5	14758362	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.62	223.3	Lg	13:30:02.801	-0.1					T__				---		14758363	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.5 1																									
A010A	0.64	184.5	Pg	13:29:55.215	0.8					T__	3.6	0.3		---	MLv	2.3	14758364	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.3 1																									
EGYH	0.85	109.6	Pg	13:29:59.061	0.2					T__	2.9	0.4		---	MLv	2.5	14758365	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.85	109.6	Sn	13:30:11.575	-0.1					T__				---		14758366	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Station ML : 2.5 1																									
A020A	0.95	217.7	Pg	13:30:00.385	0.2					T__	2.5	0.2		---	MLv	2.2	14758367	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.2 1																									
MPLH	1.08	119.2	Pg	13:30:03.010	-0.2					T__	2.1	0.1		---	MLv	2.1	14758368	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 1																									
KOGS	1.26	176.9	Sn	13:30:22.120	0.1					T__				---		14758369	FDSN	SL	--	BUD	iLoc	BHE	???	_	
MOA	1.28	277.1	Pn	13:30:05.739	1.2					T__	14.6	1.4	0.07	---		14758370	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	1.28	277.1	Sn	13:30:22.944	0.5					T__		23.0	0.25	---		14758371	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.28	217.0	Pg	13:30:05.569	-0.8					T__	9.9	0.4	0.10	---		14758372	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.28	217.0	Sn	13:30:23.156	0.9					T__		0.3	0.08	---		14758373	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	1.31	160.8	Sn	13:30:23.763	0.3					T__				---		14758374	FDSN	HU	--	BUD	iLoc	BHN	???	_	
KRUC	1.37	6.7	Pn	13:30:06.171	0.5					T__	1.2	0.1		---	MLv	2.3	14758375	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
KRUC	1.37	6.7	Sn	13:30:23.149	-0.9					T__				---		14758376	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.3 1																									

JAVC	1.54	40.8	Pn	13:30:09.963	1.6	T__	1.7	0.2	---	MLv	2.6	14758377	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_	
JAVC	1.54	40.8	Sn	13:30:30.111	1.6	T__			---			14758378	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.6 1																					
OBKA	1.62	223.0	Pn	13:30:11.133	1.8	T__		0.3	0.15	---		14758379	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.62	223.0	Sn	13:30:30.737	-0.2	T__		4.9	0.28	---		14758380	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.63	10.2	Pn	13:30:09.996	0.7	T__	1.7	0.1		---	MLv	2.4	14758381	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
VRAC	1.63	10.2	Sn	13:30:30.263	-0.1	T__				---		14758382	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.4 1																					
TREC	1.65	344.7	Pn	13:30:11.400	1.8	T__				---		14758383	FDSN	IR	--	ISC	iLoc	???	???	_	
TREC	1.65	344.7	Pg	13:30:11.571	-1.4	T__	3.6	0.2		---	MLv	2.8	14758384	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
TREC	1.65	344.7	Sn	13:30:31.700	0.5	T__		26.8	0.40	---		14758385	FDSN	IR	--	ISC	iLoc	???	???	_	
TREC	1.65	344.7	Lg	13:30:31.839	-2.9	T__				---		14758386	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.8 0																					
CKRC	1.66	312.8	Pg	13:30:11.923	-1.1	T__	2.9	0.3		---	MLv	2.9	14758387	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
CKRC	1.66	312.8	Sn	13:30:33.018	1.5	T__				---		14758388	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
CKRC	1.66	312.8	Lg	13:30:32.800	-2.4	T__		19.8	0.40	---		14758389	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.9 0																					
BIOA	1.70	270.4	Pn	13:30:11.214	0.8	T__	9.6	1.9	0.14	---		14758390	FDSN	IR	--	ISC	iLoc	???	???	_	
BIOA	1.70	270.4	Sn	13:30:34.890	2.2	T__				---		14758391	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	1.94	194.5	Sn	13:30:38.181	-0.9	T__				---		14758392	FDSN	SL	--	BUD	iLoc	BHE	???	_	
VYHS	1.96	65.4	Pn	13:30:14.226	0.1	T__	1.3	0.0		---	MLv	1.9	14758393	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.9 0																					
KBA	2.01	252.8	Pn	13:30:15.445	0.4	T__		0.7	0.15	---		14758394	FDSN	IR	--	ISC	iLoc	???	???	_	
KBA	2.01	252.8	Sn	13:30:41.950	1.2	T__		9.5	0.40	---		14758395	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	2.10	139.8	Pn	13:30:16.555	0.5	T__	1.5	0.1		---	MLv	2.6	14758396	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	2.10	139.8	Sn	13:30:40.650	-1.7	T__				---		14758397	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.6 1																					
KHC	2.23	310.7	Pn	13:30:20.600	3.0	T__				---		14758398	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	2.23	310.7	Pg	13:30:23.100	-0.9	T__				---		14758399	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	2.23	310.7	Lg	13:30:50.700	-2.4	T__		9.8	0.30	---		14758400	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	2.27	130.2	Pn	13:30:18.549	0.4	T__	1.9	0.0		---	MLv	2.1	14758401	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	2.27	130.2	Sn	13:30:44.290	-1.9	T__				---		14758402	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.1 0																					
MORC	2.27	23.4	Pn	13:30:19.067	0.7	T__	1.1	0.1		---	MLv	2.9	14758403	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.9 0																					
KRLC	2.41	9.7	Pn	13:30:21.100	0.9	T__				---		14758404	FDSN	IR	--	ISC	iLoc	???	???	_	
PRU	2.52	335.6	Pn	13:30:24.200	2.7	T__				---		14758405	FDSN	IR	--	ISC	iLoc	???	???	_	
PRU	2.52	335.6	Pg	13:30:24.321	-5.0	---	3.5	0.1		---	MLv	2.9	14758406	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
PRU	2.52	335.6	Sn	13:30:54.918	2.5	T__				---		14758407	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.9 0																					
PSZ	2.53	83.8	Sn	13:30:50.999	-1.8	T__				---		14758408	FDSN	GE	--	BUD	iLoc	BHN	???	_	
DPC	2.65	2.4	Pg	13:30:28.700	-1.5	T__				---		14758409	FDSN	IR	--	ISC	iLoc	???	???	_	
DPC	2.65	2.4	Lg	13:31:04.600	0.4	T__				---		14758410	FDSN	IR	--	ISC	iLoc	???	???	_	
ABTA	2.66	250.2	Pn	13:30:21.629	-2.3	T__		0.3	0.10	---		14758411	FDSN	IR	--	ISC	iLoc	???	???	_	
ABTA	2.66	250.2	Sn	13:30:58.475	2.3	T__		1.0	0.22	---		14758412	FDSN	IR	--	ISC	iLoc	???	???	_	
UPC	2.80	358.2	Lg	13:31:09.500	0.7	T__				---		14758413	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
2016/12/31	20:40:15.47	1.41	0.72	47.4573	18.4248	10.5	4.2	110	4.3F	12.1	13	8	158	0.15	1.39	m	ke BUD	14758769	iLoc			181

Magnitude	Err	Nsta	Author	OrigID
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## 5. fejezet

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